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**United Nations Development Programme**
**Project Document template for projects**
**financed by the Green Climate Fund**

| | | |
|---|---|---|
| **Project title: Cambodia Early Warning for All (EW4All) Initiative** | | |
| **Country(ies):** | **Implementing Partner (GCF Executing Entity):** United Nations Development Programme (UNDP) | **Execution Modality:** Direct implementation (DIM) through UNDP |
| ***Contributing Outcome (UNSDCF/CPD, RPD, GPD):*** **UNSDCF Outcome 3**: By 2028, people in Cambodia, especially those at risk of being left behind, benefit from a healthier, gender inclusive natural environment. | | |
| **UNDP Social and Environmental Screening Category:** Category C / low risk designation[1] | | **UNDP Gender Marker:** GEN 2 (Significant contribution to gender equality) |
| **Quantum Award ID:** 1542421 | | **Quantum Project/Output ID: 01005368** |
| **UNDP PIMS ID number:10408** | | **GCF Project ID number***:* FP258 |
| **LPAC meeting date: 13 November 2025** | | |
| **Actual start date:** ***8 December 2025*** | | **Project completion date: 8 December 2030** |
| **Interim Evaluation Report (a.k.a. Mid-Term Review) deadline for submission to GCF: 8 September 2028[2]** | | **Final Evaluation Report (a.k.a. Terminal evaluation report deadline for submission to GCF: 8 June 2031[3]** |
| | | **Project Completion Report deadline for submission to GCF: 8 March 2031** |

[1] The EW4ALL Cambodia is under the EW4ALL global umbrella. The EW4ALL global is rated low and during the SES assessment the EW4ALL Cambodia project is rated low though it has construction work. However, risk update and risk treatment will be performed during the project implementation

[2] To meet the submission deadline, the final Interim Evaluation must be completed and submitted to BPPS/VF Programme Support, Oversight and Compliance Hub no later than 2 months in advance of the submission deadline to allow time for internal review/clearance required prior to submission.

[3] To meet the submission deadline, the final Final Evaluation must be completed and submitted to BPPS/VF Programme Support, Oversight and Compliance Hub no later than 2 months in advance of the submission deadline to allow time for internal review and clearance required prior to submission.

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| **Operational Closure Date:** *8 September 2031* | **Financial Closure Date: 8 March 2032** |
|---|---|
| **Brief project description:**<br>The Cambodia EW4All project addresses the country's high climate vulnerability by transforming national early warning and adaptation interventions. Cambodia faces significant disaster risk, ranking 58th out of 191 countries in the 2024 INFORM Risk Index and is the fourth most flood-exposed country globally. The project enhances governance, data systems, and community preparedness through three main outputs: strengthened governance and coordination, improved disaster risk knowledge and observations, and enhanced warning dissemination and preparedness. It leverages innovative data integration, inclusive communication protocols, and targeted capacity building to shift from reactive disaster response to proactive, equitable climate risk management. The initiative focuses on four provinces (Ratanakiri, Kratie, Stung Treng and Banteay Meanchey) and emphasises inclusivity, ensuring marginalised groups, including women and people with disabilities, actively engage in adaptation strategies. Expected outcomes include 514,098 (254,324 male, 259,774 female) direct beneficiaries and 2,153,028 (1,065,103 male, 1,087,925 female) indirect beneficiaries. | |
| **FINANCING PLAN** | |
| GCF grant: | **USD 13,218,000** |
| UNDP TRAC resources | N/A |
| Confirmed cash co-financing to be administered by UNDP | N/A |
| **(1) Total budget administered by UNDP** | **USD 13,268,000** |
| **CONFIRMED CO-FINANCING COMMITTED TO THE FUNDED ACTIVITY (AS DEFINED IN THE FAA)** (USD 50,000 is confirmed in the form of in-kind contributions for the financing of the implementation of the Funded Activity in Cambodia (Ref. approved FAA on page 4). | |
| **(2) Total confirmed co-financing that is not administered by UNDP (provide one lump sum as an aggregate)[4]** | **N/A** |
| **(3) Grand-Total Project Financing (1)+(2)** | **USD 13,268,000** |
| **SIGNATURES** | |

| **Signature: Mr.** Enrico Gaveglia, Resident Representative | **Agreed by UNDP[5]** | **Date/Month/Year:** 26-May-2026 |
|---|---|---|

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**Disbursement**: Government is aware of the conditions of disbursement ascribed to the first and subsequent tranches of the GCF funding as specified in the FAA (and in particular Clause 9of the FAA, as referenced in the Financial Management Section of this Project Document). To the extent that these obligations reflect actions of the Government, the Government must ensure that the conditions are met and there is continuing compliance, as well as understanding that availability of GCF funding is contingent on meeting all conditions listed in the FAA.

[4] Note that this relates to co-financing that is not administered by UNDP, i.e. co-financing that is directly applied by the co-financing party in a capacity of IP or RP to implement certain activities set out in the Project Results Framework, Project Budget and Work Plan

[5] For NIM projects this is the Resident Representative. For DIM projects in a single country this is the Resident Representative. For global, regional DIM projects this is UNDP-BPPS/VF Programme Support, Oversight and Compliance Hub .

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# I. DEVELOPMENT CHALLENGE

Cambodia faces an urgent and escalating climate crisis that threatens the lives and livelihoods of its 17.1 million people, with the most vulnerable populations bearing the most significant burden. The country ranks as the 12th most climate risk-prone nation globally, according to the 2020 Global Climate Risk Index. Climate change is projected to reduce Cambodia's GDP by up to 10% by 2050. This development challenge is characterised by compounding vulnerabilities, inadequate early warning systems, and significant gaps in climate resilience that disproportionately affect rural communities, women, children, indigenous peoples, and other marginalised groups.

**Climate Vulnerability and Hazard Exposure**

Cambodia's geography makes it exceptionally vulnerable to multiple climate hazards. With 80% of its landmass situated in the Mekong River and Tonle Sap Lake regions, the country is the fourth most flood-exposed globally. The nation experiences severe flooding from both the Mekong River system and flash floods during monsoon seasons and tropical storms. Historical flood events in 2000, 2001, 2002, 2011, and 2013 collectively affected millions of people. They caused hundreds of deaths, with the Lower Mekong River Valley and Tonle Sap Basin facing annual rural losses estimated at USD 100-170 million.

Drought conditions present equally severe challenges, with meteorological and hydrological droughts affecting southern provinces every five to six years. The 2020-2023 drought impacted approximately 2.5 million people, whilst only 20% of rice fields have irrigation infrastructure, leaving rainfed agricultural systems highly vulnerable to precipitation variability. Lightning strikes pose an additional lethal threat, with 2023 data showing 143 incidents resulting in 84 deaths and 59 injuries, alongside 107 livestock fatalities.

Climate change is intensifying these hazards through more frequent extreme weather events, delayed rainy seasons, prolonged dry periods, and unpredictable precipitation patterns. Rising temperatures, changing rainfall patterns, and El Niño-related droughts are significantly altering Cambodia's agricultural seasons and water availability, leading to cascading impacts across various economic sectors.

**Socioeconomic Vulnerability and Inequality**

Despite progress in poverty reduction, from 36.7% in 2014 to 16.6% in 2021/22, economic shocks from COVID-19 and global inflation have left 4.5 million people classified as being in poverty categories. With 1.7 million at-risk households vulnerable to sliding back into poverty due to economic instabilities, natural disasters, and environmental degradation, the situation remains concerning. Rural areas experience disproportionately higher poverty rates, with provinces such as Ratanakiri and Preah Vihear recording the highest poverty levels.

Gender inequality compounds climate vulnerability, with Cambodian women facing higher poverty levels than men due to limited employment opportunities, restricted access to resources, and discriminatory practices. Women of reproductive age face particular challenges, with systemic inequalities affecting their capacity to respond to climate shocks. Children represent another highly vulnerable group, particularly susceptible to displacement, disrupted education, and malnutrition during climate-related emergencies.

Indigenous peoples and ethnic minorities experience heightened vulnerability through discrimination and limited access to early warning information, climate services, and disaster preparedness resources. These communities often reside in geographically isolated areas prone to flash flooding and have limited integration with national communication networks.

Rural communities, which represent the majority of Cambodia's population, rely on climate-sensitive agriculture for their livelihoods. Agriculture contributes 22% to GDP and employs 32.3% of the labour force, making the sector's climate vulnerability a national economic security issue. The combination of low literacy levels, limited technological access, and inadequate infrastructure restricts the capacity of rural communities to receive, understand, and act upon early warning information.

**Institutional and System Gaps**

Cambodia's Multi-Hazard Early Warning Systems (MHEWS) face critical gaps across all four pillars of the Early Warnings for All framework, with the most significant challenge being fragmented coordination across government, non-government, and development partner organisations. Multiple ministries, NGOs, UN agencies, private sector

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entities, and community-based organisations operate parallel systems with minimal coordination, resulting in duplicated efforts, inconsistent messaging, and gaps in coverage.

This coordination deficit extends across the entire early warning ecosystem, with different actors maintaining separate databases, incompatible data formats, and distinct communication channels. The absence of standardised information sharing protocols prevents comprehensive risk assessments that integrate meteorological, hydrological, agricultural, and socioeconomic data from multiple sources.

Risk knowledge systems suffer from institutional fragmentation, with hazard monitoring infrastructure managed separately and lacking systematic integration. The Cambodia Disaster Damage & Loss Information System (CamDi) operates independently of meteorological databases, preventing the real-time integration of impact data with forecasting systems.

Forecasting capabilities are constrained by limited collaboration between agencies, with agricultural, hydrological, and meteorological predictions operating independently. The Ministry of Water Resources and Meteorology (MOWRAM) lacks integrated frameworks for issuing impact-based warnings that effectively serve community needs.

Warning dissemination reflects the broader coordination challenge, with multiple organisations issuing separate warnings through different channels without harmonisation. The EWS1294 mobile alert system has low community awareness, digital platforms remain underutilised, and no unified Common Alert Protocol exists.

Emergency preparedness suffers from coordination gaps between national and local authorities, with unclear roles amongst numerous stakeholders in disaster risk reduction. Vulnerable populations often lack targeted support, whilst community-level early warning systems remain disconnected from national frameworks.

The project's multi-partner approach directly addresses these coordination challenges by establishing collaborative frameworks essential for sustainable MHEWS development, recognising that adequate early warning requires systematic coordination across technical domains, institutional boundaries, and governance levels.

**Development Priorities and Strategic Alignment**

Addressing Cambodia's climate vulnerability aligns directly with national development priorities and international commitments. The challenge aligns with Cambodia's Rectangular Strategy for Growth, Employment, Equity, and Efficiency Phase IV, which prioritises disaster risk management and climate resilience. The project supports Cambodia's Nationally Determined Contribution under the Paris Agreement, the National Adaptation Programme of Action (NAPA), and the Sendai Framework for Disaster Risk Reduction.

The development challenge directly impacts progress towards multiple Sustainable Development Goals, including SDG 1 (No Poverty), SDG 2 (Zero Hunger), SDG 3 (Good Health and Well-being), SDG 5 (Gender Equality), SDG 10 (Reduced Inequalities), SDG 11 (Sustainable Cities and Communities), and SDG 13 (Climate Action). Effective early warning systems can prevent economic losses, protect agricultural productivity, reduce disaster-related mortality, and support equitable development outcomes.

Without urgent intervention to strengthen early warning capabilities, Cambodia faces escalating risks of climate-induced disasters resulting in loss of life, population displacement, infrastructure damage, and economic disruption. The absence of comprehensive MHEWS perpetuates vulnerability cycles, undermining poverty reduction efforts and sustainable development progress.

**Gender Equality and Women's Empowerment**

Gender analysis reveals that women face particular vulnerabilities in climate-related disasters whilst simultaneously possessing critical knowledge and capabilities for community resilience. Women often have primary responsibility for water collection, food preparation, and childcare, making them more exposed to climate risks whilst having limited access to early warning information through male-dominated communication networks.

The project's gender action plan addresses these disparities through targeted interventions, including the design of gender-sensitive early warning messages, increasing women's participation in community early warning systems, capacity building for female community leaders, and integrating women's indigenous knowledge into risk assessment processes. Special attention will be given to ensuring pregnant women, nursing mothers, and elderly women receive priority support in emergency preparedness planning.

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# II. STRATEGY

**Theory of Change and Selected Approach**

The Early Warning for All (EW4AII) project in Cambodia addresses the urgent development challenge of delivering timely and actionable early warnings to every person affected by weather-related hazards. As climate change accelerates the risk of climate-induced hazards, Cambodia faces heightened exposure to disasters whilst simultaneously experiencing potentially reduced capacities to cope. This national context necessitates immediate action to strengthen Cambodia's Early Warning and Early Action systems, preventing further loss of life, population displacement, and infrastructure damage.

**Theory of Change Statement**

The project's Theory of Change is grounded in the comprehensive analysis from the Cambodia Feasibility Study and assumes:

***IF*** *Cambodia can effectively collect, transform, and share raw weather data into actionable information,*

***THEN*** *disaster-related losses and costs will be reduced through improved avoidance, preparedness, and adaptation to climate-induced hazards;*

***BECAUSE*** *a robust system will ensure at-risk communities have timely access to early warning information, enabling them to take early, informed actions that enhance their resilience and response capacity.*

This Theory of Change drives a fundamental transformation: from an uninformed and unprepared at-risk population without access to early warning information, to a proactive population that is well-informed and well-prepared to minimise the risks they face from hazards. The underlying rationale recognises that, while Cambodia already has Early Warning and Early Action systems with ongoing improvements, the momentum created through the EW4AII project will address critical gaps in resource availability and stakeholder coordination that currently limit the system's effectiveness.

This project forms part of the global **Early Warnings for All (EW4ALL)** initiative, which will be implemented across seven countries: Antigua and Barbuda, Chad, Cambodia, Ecuador, Ethiopia, Fiji, and Somalia, with financing from the **Green Climate Fund (GCF)**. Within this global framework, the Cambodia EW4ALL project contributes directly to **Output 2**, which focuses on accelerating country-level actions to advance the implementation of EW4ALL in selected countries.

**Contribution of the EW4ALL Project to CPD/UNSDCF Outcome 3**

The EW4ALL project directly advances **CPD/UNSDCF Outcome 3**, which aims for a healthier, gender-inclusive natural environment and improved resilience for people at risk of being left behind. By strengthening Cambodia's multi-hazard early warning architecture, the project enhances national and sub-national capacities to anticipate, prepare for, and respond to climate-induced hazards, thereby contributing to a cleaner, safer, and more climate-resilient environment.

EW4ALL delivers concrete contributions to **Output 3.4** by enhancing the **adaptive capacity of systems and communities to climate change and disasters**. This includes modernizing observation networks, improving last-mile connectivity, strengthening community preparedness mechanisms, and embedding gender-responsive and disability-inclusive approaches throughout the early warning chain. Together, these interventions ensure that communities are better able to anticipate, absorb, and adapt to climate shocks, thereby contributing meaningfully to Cambodia's long-term climate resilience objectives

**Key Assumptions**

The Theory of Change relies on critical assumptions:

- National Committee for Disaster Management (NCDM) and Ministry of Water Resources and Meteorology (MoWRAM) are, in fact, ready for a more prominent coordination role, prioritising data sharing and collaboration.
- The relevant government ministries are ready to commit additional resources to supporting NCDM and MoWRAM
- With the project's support, coordination and implementation at the sub-national level with local authorities and other stakeholders will be constructive and engaging

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- The project implementing partners and UNDP are ready to collaborate, ensuring regular and transparent communications
- Finance and administration procedures can be optimized to ensure all RPs start on time, allowing sufficient time for coordination and inclusion of vulnerable community members.

**Addressing Root Causes Through a Systems Approach**

Based on the Feasibility Study, the project tackles key root causes limiting Cambodia's early warning effectiveness, starting with coordination barriers. Weak cooperation across government, partners, and the private sector reduces data collection and sharing, limits sectoral analysis, weakens dissemination, and constrains preparedness and response. Telecommunication providers may be reluctant to adopt standards or share data needed for tools such as cell broadcast, while transboundary hazards further complicate coordination. The project will strengthen national and provincial governance arrangements, leveraging EW4ALL initiatives, and will improve policies, procedures, and roadmaps to ensure government-led coordination and private-sector compliance, enabling CAP and cellular broadcast deployment.

**Financial constraints**

Project sustainability may be threatened if Cambodia lacks sufficient technical and financial resources to operate and maintain equipment and infrastructure, or to sustain multi-hazard early warning services, including impact-based forecasts and decision-support tools for anticipatory action. This risk is heightened by Cambodia's history of diverting routine budgets during emergencies. The project will mitigate this through a multipronged strategy: targeted knowledge management for policymakers demonstrating the economic returns of investing in the early warning value chain; strengthened partnerships with national and regional agencies and academia to provide continuous technical support to NCDM and MoWRAM and reduce reliance on short-term consultancies; and reinforced national financing mechanisms and donor engagement. An essential focus of the activities on mainstreaming and tweaking GB-SRSP and SRSP for disasters is to demonstrate the potential of funding ongoing activities despite the impact of disasters.

**Data fragmentation** [6].

Data fragmentation in Cambodia results from institutional silos, weak interoperability, underused digital platforms, limited AI uptake, and observation gaps, especially in remote areas. The project will introduce integrated data-sharing protocols, upgrade technologies, deploy AI-enhanced forecasting, and expand coverage through IoT sensors and modern equipment to enable real-time, reliable, interoperable data streams. It will also close dissemination gaps by promoting unified telecom protocols, disaggregated information systems (by gender, age, disability, and location), and multi-channel alerts via SMS, cell broadcast, radio, sirens, and social media. Finally, it will address inclusion deficits through gender- and disability-inclusive design, continuous engagement, regular monitoring, and documented lessons.

**Gender Integration Approach**

Guided by global best practices and the project's Gender Analysis and Action Plan, the approach addresses women's heightened climate vulnerability linked to unequal decision-making power, resources, and information access. Women's local knowledge will shape targeted early warning messages and response protocols. The project prioritizes channels women use and trust, community networks, women's groups, and mobile tools, and supports culturally appropriate dissemination to improve understanding and action. The Enhanced Vulnerability and Capacity Assessment (EVCA) applies digital mapping and GIS to generate gender-disaggregated risk data, incorporating climate resilience, urban risk, and social cohesion.

**Digital and Technological Integration**

The project leverages innovative digital technologies to transform early warning effectiveness whilst addressing the digital divide. Digital connectivity mapping using artificial intelligence helps visualise local connectivity, identify risk areas, and enhance national communication strategies.[7] This analysis enables targeted interventions for individuals

[6] UNISDR, "Early Warning Practices Can Save Lives: Selected Examples" (2010). Emphasises community participation and integrated approaches across multiple hazard types.

[7] Terminal Evaluation of the UNDP-GEF Project: "Strengthening Climate Information and Early Warning Systems in Cambodia..." (2020). Comprehensive evaluation capturing lessons on institutional coordination, capacity building, and adaptive management.

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at risk who may be outside digital networks, informing decisions on network expansion or alternative communication channels.

The project pilots mobile early warning services based on cell-broadcast systems, working with mobile network operators and ICT regulators. In areas where mobile networks do not exist, satellite-based and radio networks serve as primary dissemination channels. Geo-located mobile early warning services and Common Alert Protocols streamline warnings across multiple channels, including television, radio, and social media.

**Disability Integration Approach: Closing Inclusion Gaps for Equitable Climate Resilience**

Disability integration is essential for equitable climate resilience, as persons with disabilities and other marginalized groups often face physical, communication, and social barriers that limit access to timely, actionable warnings. This approach embeds disability inclusion across the full early warning value chain—risk data collection and analysis, communication, preparedness, and response. Cambodia will develop and institutionalize disability-inclusive Standard Operating Procedures and alert protocols to ensure warnings are accessible, understandable, and usable. Measures include disability-disaggregated data, accessible formats, and tailored dissemination for diverse mobility, sensory, and cognitive needs, supported by capacity building for key actors. Linking early warning with shock-responsive social protection strengthens safety nets and speeds recovery.

**Evidence Base and Lessons Learned**

The approach draws on lessons from UNDP early warning projects globally and regionally, including UNDP-GEF evaluations and the Korea-funded Mekong initiative, which emphasize strong institutional coordination, meaningful community participation, and adaptive management for sustainability. Building on investments in data-sharing protocols, technology upgrades, AI-enhanced forecasting, and IoT-based observations, the project adopts a community-centered model that engages local authorities, women's groups, indigenous communities, and vulnerable people to validate hazards and tailor warnings for last-mile action. Adaptive management uses real-time data, iterative learning, and feedback. Global MHEWS 2023 and UNDRR Pacific evidence support inclusive, gender-responsive approaches[8].

## III. RESULTS AND PARTNERSHIPS

**Expected Results**

Under the **UNDP Cambodia Country Programme Document (CPD) 2024–2028**, the Cambodia **Early Warnings for All (EW4ALL)** project contributes directly to **UNSDCF (CPD) Outcome 3** and **CPD Output 3.4**. **UNSDCF (CPD) Outcome 3 By 2028, people in Cambodia, especially those at risk of being left behind, benefit from a healthier, gender inclusive natural environment.**

In support of this outcome, the project strengthens national and sub-national capacities to develop and operationalize **end-to-end, multi-hazard early warning systems (EWS)**. It enhances the ability of public institutions to collect, integrate, analyse, and transform raw weather and hazard data into timely, actionable early warnings, ensuring that decision-makers and at-risk communities can take preventive and adaptive actions.

The project contributes to CPD Output 3.4, which focuses on strengthening the adaptive capacity of systems and communities to climate change and disasters. In line with Output Indicator 3.4.1: the number of public institutions with strengthened capacities that factor in gender and inclusion, the project improves institutional readiness, inter-agency coordination, and service delivery across key national and sub-national stakeholders. Particular emphasis is placed on gender-responsive and disability-inclusive approaches, ensuring equitable access to early warning information.

[8] UNDRR, "Global Status of Multi-Hazard Early Warning Systems -- 2023 Report". High-level analysis monitoring EW4All progress and providing strategic guidance globally.

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By the end of the project, the end-to-end EWS will support **85 percent of the population in targeted sites**, including women, persons with disabilities, and other vulnerable groups, thereby reducing vulnerability and enhancing community resilience to climate-related hazards. The Cambodia EW4ALL project delivers transformative results by addressing critical gaps in multi-hazard early warning systems through **three strategic outputs** that strengthen coordination mechanisms, technical capacities, and institutional frameworks. These outputs collectively represent a shift from fragmented interventions toward **integrated, people-centred early warning systems** that prioritize those most at risk while building sustainable national capacity for climate resilience.

The operational core of the project consists of three distinct outputs, each implemented by designated Responsible Parties through **Letters of Agreement (LoAs)** with government institutions and **Responsible Party Agreements (RPAs)** with NGOs, under the overall coordination of the **UNDP and with technical support by pillars lead (UNDRR, ITU, WMO, and IFRC)**. While each output has a distinct technical focus, all contribute coherently to the establishment of inclusive, end-to-end early warning systems that effectively serve vulnerable communities nationwide.

The three outputs are further elaborated below:

**Output 1: Strengthened Governance and Coordination (US$2,284,749)**

Led by the National Committee for Disaster Management (NCDM) as the primary Responsible Party, supported by UNDP, World Food Programme (WFP), and the Ministry of Environment.

**What** - A strengthened and coordinated EW and EA value chain, which brings together all EW stakeholders

**How** - Using verifiably inclusive, relevant, and timely cross-pillar EW4ALL national coordination, led by the RGC, with the support of regional, national, and local agencies and organisations.

**Primary Focus:** This output establishes the governance architecture and coordination mechanisms essential for effective early warnings. It focuses on upgrading PRISM as Cambodia's national EW4All digital platform, developing data-sharing protocols that break down institutional silos between government agencies and partners, and establishing collaborative coordination structures. These structures provide the institutional framework to ensure inclusive access to disaggregated early warning information for vulnerable populations, translating technical outputs into coordinated early action.

**Activity 1.1: Strengthened coordination mechanisms** - Upgrades PRISM as the Cambodia EW4AII national platform, integrating data from CamDi, MoE, MoSVY, and NSPC with comprehensive data-sharing protocols and disaggregated data, including disability-specific information. This addresses longstanding data silos that prevent a coordinated response, establishing standardised protocols to ensure consistent data quality and accessibility. The platform will serve as the authoritative source for multi-hazard risk information, enabling evidence-based decision-making.

1.1.1 Upgrade PRISM as the Cambodia EW4AII national platform

Enhance PRISM by integrating data from national agencies (CamDi, MoE, MoSVY, NSPC) and improving disaster data collection and analysis. It supports sustainable management by the government, harmonises datasets, and links PRISM with forecast tools for better risk insight. Outputs include better post-disaster data integration and anticipatory action capabilities.

Data sharing protocol (UNDP)

Develop a secure and ethical data-sharing protocol among ministries and partners, including consultations and workshops. Guidelines will cover governance, access control, and compliance to enhance the effectiveness of the early warning system.

Update the Climate Hazards data portal (MoE)

Update the MoE's Climate Hazards data portal for smoother integration with PRISM, enhancing climate vulnerability data accessibility.

**Activity 1.2: Enhanced governance capacities** - Develops a comprehensive Plan of Action for RGC addressing legal and financial gaps in EW4AII implementation, establishing collaborative EW secretariat and technical working groups

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at national and subnational levels. This includes assessments of existing institutional arrangements, identification of coordination gaps, and the proposal of actionable recommendations. The dedicated EW secretariat ensures sustained coordination beyond project completion, whilst high-level meetings facilitate resource mobilisation and strategic alignment.

1.2.1 A Plan of Action presented to the RGC

Includes reviewing DRM, DRR, and CCA laws to identify gaps and consulting stakeholders to develop actionable recommendations. Advocacy will integrate EWEA into national frameworks (IFRC).

1.2.2 Establish and implement a collaborative EW secretariat

This sub-activity establishes an EW secretariat and facilitates technical working group meetings for coordination among donors and government bodies, supporting local workshops to enhance collaboration (UNDP).

**Activity 1.3: Gender, inclusion, monitoring, evaluation, and learning** - Implements cross-pillar approaches to gender, disability, and inclusion whilst establishing comprehensive monitoring frameworks embedding EW4AII principles into government structures. This ensures vulnerable populations actively participate in design, implementation, and evaluation. The monitoring framework includes specific indicators for measuring inclusivity, accessibility, and the effectiveness of warning dissemination, thereby creating accountability mechanisms that drive continuous improvement.

1.3.1 Roll out a ratified cross-pillar approach to gender and inclusion

This sub-activity embeds gender and inclusion into EW4AII by developing an approach considering women, Indigenous groups, and people with disabilities. It includes continuous monitoring, reporting, and workshops for better representation and evaluation mechanisms (UNDP).

**Output 2: Disaster Risk Knowledge and Observations (US$ 4,345,636)**Led by UNDP in collaboration with UN Office for Disaster Risk Reduction (UNDRR), NCDM, and the Regional Integrated Multi-Hazard Early Warning System (RIMES) as Responsible Parties, alongside the Ministry of Water Resources and Meteorology (MOWRAM) and NGO partners, including People in Need (PIN) and the Cambodian Red Cross.

**What** - A robust and accurate national early warning system to collect and interpret risk and weather data that is most relevant to the needs of the local population and convert it into actionable information for dissemination and early action.

**How** – By ensuring the systematic collection of risk and weather data and an improved capacity to develop and issue timely hazard and early warning information in a publicly accessible way.

**Primary Focus:** This output advances Cambodia's disaster risk knowledge infrastructure through three interconnected components. First, it comprehensively upgrades CamDi to strengthen systematic post-disaster data collection and loss documentation, creating an authoritative evidence base for understanding disaster impacts and patterns. Second, it expands meteorological and hydrological observation networks through the strategic installation of new monitoring equipment and the repair of existing infrastructure, thereby enhancing the capacity to detect and track hazard indicators across vulnerable regions. Third, it enhances multi-hazard risk assessment and forecasting capabilities, improving the understanding of Cambodia's exposure to floods, droughts, and climate-related hazards. This enables more accurate risk profiling to inform decision-making at both national and subnational levels.

**Activity 2.1: Develop disaster risk knowledge systems** - Upgrades CamDi to improve data quality, accessibility, and integration with systematic protocols for multi-hazard risk information management. This includes advanced data validation procedures, automated quality control mechanisms, and user-friendly interfaces. The enhanced system will incorporate artificial intelligence and machine learning capabilities, while ensuring that traditional knowledge systems are appropriately integrated.

2.1.1 Upgrade the Cambodia Disaster Damage & Loss Information System (CamDi)

This sub-activity focuses on enhancing the CamDi system to improve data collection, processing, and integration for tracking post-disaster needs, losses, and damages. UNDRR, NCDM, and UNDP will collaborate on scoping, developing methodologies, and creating training materials to strengthen government capacity. Upgrades will align CamDi with

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global standards and increase data disaggregation. The rollout includes stakeholder consultations, piloting, feedback incorporation, and comprehensive training to embed CamDi 2.0 in national systems, reinforcing disaster resilience (UNDRR, NCDM, UNDP).

**Activity 2.2: Broaden observation and monitoring networks** - Expands meteorological and hydrological monitoring through strategic new weather gauge installation and systematic equipment repair, particularly in four target provinces with inadequate coverage. This includes comprehensive assessments of current network density, identifying optimal locations based on scientific criteria and community needs and conducting site selection with securing public land and establishing maintenance protocols ensuring long-term functionality.

2.2.1 Preparedness and contingency planning in 32 communes

This sub-activity aims to enhance disaster preparedness through updated contingency plans and capacity-building in 32 communes across 12 districts. NCDM and IFRC/CRC will boost human resource capabilities, develop gender-sensitive and inclusive SOPs, conduct simulations (SIMEXs), and facilitate public awareness campaigns to ensure an effective response. The initiative includes training and public engagement to prepare communities for early warnings better. (NCDM, IFRC/CRC).

2.2.2 Install monitoring equipment and strengthen maintenance

It focuses on installing and maintaining river and drought gauges, accessing lightning data, and repairing weather stations in target provinces. Partners PIN, AAC, and UNDP will assess needs, install new sensors, develop maintenance SOPs, and conduct training for local authorities. AAC will also improve early warning systems with enhanced groundwater monitoring and drought assessments, while UNDP will handle repairs and lightning alert systems. (PIN, AAC, UNDP).

**Activity 2.3: Strengthen MHEWS forecasting capacity** - Builds comprehensive technical capacity for improved forecasting through targeted training programmes and emerging technology integration, including artificial intelligence applications, remote sensing capabilities, and ensemble forecasting methods. This includes partnerships with regional centres of excellence, standardised training curricula, and mentorship programmes, ensuring knowledge transfer.

2.3.1 Comprehensive human resource development and forecasting tool implementation

This sub-activity includes developing a tailored human resource plan and advanced training for forecasters in partnership with MOWRAM and RIMES. Activities will cover customising a web-based forecasting tool, biannual monsoon forums for stakeholder engagement, targeted training, and advanced learning opportunities for skilled staff. MOWRAM will receive institutional support to sustain improvements and embed the training into its long-term strategy (UNDP, MOWRAM, RIMES).

**Output 3: Warning Dissemination and Preparedness (US$6,587,616)**

Led by UNDP in collaboration with UNDRR, NCDM, and RIMES as Responsible Parties, alongside MOWRAM and NGO partners, including PIN and the Cambodian Red Cross.

**What -** An Early Warning (EW) dissemination system that delivers timely and actionable information to at-risk populations, enabling an increasingly rapid and appropriate response.

**How -** Investigate the EW information needs of the most vulnerable and create tailored and consistent messaging using locally appropriate and effective technologies integrated with tried and tested early response protocols equipped with the required operational capacities.

**Primary Focus:** This output ensures early warnings reach vulnerable populations through accessible communication channels and strengthens community preparedness to act on those warnings. It establishes multi-channel dissemination systems, including SMS, radio, community sirens, and mobile applications, ensuring messaging is accessible to people with disabilities and available in local languages. Additionally, it builds community-level preparedness through the training of village disaster management groups and the establishment of standard operating procedures for early action.

**Activity 3.1: Strengthen EW dissemination systems** - Develops comprehensive multi-channel communication systems using traditional and digital technologies, satellite transmission capabilities for remote areas, and enhanced

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EWS1294 mobile alert system implementation. This includes redundant communication pathways to ensure message delivery when primary systems fail, as well as accessible formats for people with disabilities. The system incorporates two-way communication, enabling community feedback and verification of message receipt.

3.1.1 Enhance awareness of last-mile emergency alert systems targeting special needs groups and implement action plans in four provinces via channels like radio, TV, loudspeakers, and door-to-door campaigns. UNDP, ITU and IFRC will collaborate on dissemination landscaping to review mobile access needs and preferences, trust measurements, and inclusion strategies. The project will incorporate community trust indices and behavioural research, develop network coverage maps, co-create strategy, and set up feedback mechanisms. IFRC/CRC will provide technical support for legal reviews, test SOPs, evaluate mobile network availability, and build two-way feedback systems (UNDP, ITU, IFRC).

3.1.2 Coordinate with mobile providers and stakeholders to improve warning dissemination through workshops and technical support, upgrading the SMS 1294 system. ITU will lead stakeholder engagement, review current dissemination practices, propose regulatory updates, conduct a cost-benefit analysis for CAP systems, and provide technical support for cell broadcast implementation. PIN will support mobile EWS integration, enhance EWS1294 with external data sources, and collaborate on regional information sharing (ITU, UNDP, PIN).

3.1.3 Upgrade MOWRAM's online presence and EW channels, including Facebook and a new website integrating department data and UN/NGO information. Options for three years of app development and maintenance support are included (UNDP).

**Activity 3.2: Develop preparedness protocols** - Builds community preparedness through contingency plan development in 32 communes, Community-Based Early Warning Systems (CBEWS) establishment, and innovative approaches, including Water ATMs and Early Warning Champions programmes. These protocols are developed through participatory processes, ensuring community ownership whilst incorporating traditional knowledge. Plans include specific provisions for vulnerable populations, clear evacuation procedures, and resource mobilisation strategies.

3.2.1 Strengthen local government capacities for early action in four target provinces in line with national SOPs. IFRC and NCDM will conduct needs assessments, train local committees, support contingency plan updates, facilitate simulation exercises, and provide gender-inclusive DRR training (IFRC).

**Activity 3.3: Strengthen disaster response capacity** - Enhances local government and community response capabilities through targeted training programmes, strategic equipment provision, and protocol development prioritising vulnerable populations. This includes training for disaster management committees at the provincial, district, and commune levels, as well as essential emergency response equipment and standard operating procedures to ensure a coordinated response. The activity incorporates Shock-Responsive Social Protection (SRSP) mechanisms providing anticipatory and adaptive support through scaled emergency cash transfers, institutional capacity strengthening, and integrated data systems.

3.3.1 Implement Community-Based Early Warning Systems (CBEWS) with training on risk assessment and early action for vulnerable groups. IFRC, PIN, and AAC will conduct community assessments, adapt tools for training local representatives, and develop alert response plans. Drills and simulations will be conducted for CARP updates (IFRC, PIN, AAC).

3.3.2 Provide community training and essential equipment for safe spaces and clean water, focusing on inclusive support for women, youth, and PwDs. IFRC, UNDP, and AAC will provide risk assessment training, assist with CARP development, and facilitate emergency readiness with practical resources (UNDP, IFRC, AAC).

3.3.3 Scale up the SR-GBSP in four provinces, targeting 5,000 poor households, including at least 10% with disabilities, using the IDPoor database. The program includes building institutional capacity, a 24-month household enrolment, cash, training, and emergency relief delivery. WFP will test the scalability framework, run the emergency cash transfer program, conduct research, and strengthen M&E and national capacity for social assistance (UNDP, WFP).

**Alignment with Higher-Level Results**



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The project advances multiple Sustainable Development Goals by strengthening access to accurate weather information, digital skills, and social protection for early action. It supports SDGs 13 and 15 by improving climate preparedness, environmental protection, and sustainable land and water management. Social benefits contribute to SDGs 3 and 4 through reduced disaster-related health risks, improved safety, and enhanced digital literacy. Economic co-benefits align with SDGs 8 and 1 by protecting livelihoods in climate-sensitive sectors such as agriculture, fisheries, and tourism. Gender-responsive actions advance SDG 5 by ensuring women's equitable access to early warnings. Cross-sector partnerships support SDG 17, while inclusive dissemination and social protection mechanisms reduce inequalities in line with SDG 10.

**Co-financing Integration**

USD 50,000 is confirmed as in-kind contribution, administered by UNDP. This in-kind contribution includes Direct implementation support and operational support from the Country Office, leveraging existing institutional capacity and relationships.

UNDP is required to report on the co-financing amounts disbursed and applied towards the implementation of the Funded Activity (i) in each Annual Performance Report (APR), (ii) in the Interim Evaluation, (iii) in the Terminal Evaluation, (iv) in the Project Completion Report, (v) as a condition precedent for all requests for disbursement, within the timeframe to ensure timely requests for disbursements and in form and substance satisfactory to the GCF, and (vi) upon the request of GCF. To this end, all co-financiers (including the Implementing Partner, if applicable) will be requested to provide to UNDP the relevant information in the form of co-financing materialization letters during each of the above project milestones.

**Social and Environmental Standards**

The Cambodia EW4ALL project contributes to UNSDCF/CPD Outcome 3 and CPD Output 3.4 by strengthening inclusive, end-to-end multi-hazard early warning systems. Expected results include enhanced institutional capacity to generate, disseminate, and act on gender-responsive and disability-inclusive early warnings, reaching 85 percent of the population in targeted areas. Results will be screened and monitored in line with UNDP Social and Environmental Standards through defined indicators, inclusive participation, and institutional coordination mechanisms. The project is implemented through three outputs delivered by government institutions and NGOs under UNDP coordination via LoAs and RPAs. Any co-financed activities aligned with these outputs will be clearly identified; resources flowing through UNDP accounts will follow full UNDP SES procedures, while partner-managed co-financing will be monitored through joint reporting and oversight arrangements.

**Knowledge management**

Knowledge management will be implemented as an integrated function embedded across all project outputs, with clear roles, tools, and deliverables assigned to each Responsible Party and coordinated by UNDP. Each output will include routine documentation, learning checkpoints, and after-action reviews to capture progress, challenges, lessons learned, and good practices, complemented by continuous stakeholder feedback. Collected evidence will be quality-checked, synthesized, and translated into user-friendly knowledge products, policy briefs, case studies, toolkits, guidance notes, and digital materials, tailored to government, communities, and partners. A strategic communications plan will guide dissemination through national coordination platforms, partner networks, and learning events. The project will also contribute content to regional and global early warning, scientific, and policy networks and facilitate stakeholder participation to enable replication, scaling, and adaptive management.

Agreement on intellectual property rights and use of logo on the project's deliverables and disclosure of information**:** To accord proper acknowledgement to the GCF for providing grant funding, the GCF logo will appear together with the UNDP logo on all promotional materials, other written materials like publications developed by the project, and project hardware. Any citation on publications regarding projects funded by the GCF will also accord proper acknowledgement to the GCF. Information will be disclosed by UNDP in accordance with relevant policies notably

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the UNDP Disclosure Policy[9] . In addition GCF may further disclose project information under its own GCF Disclosure Policy[10], in line with the terms and conditions set out in the AMA. See also GCF Branding Guidelines.

Carbon offsets or units: As outlined in the AMA agreement between UNDP and the GCF, to the extent permitted by applicable laws and regulations, the Implementing Partner will ensure that any greenhouse gas emission reductions (e.g. in emissions by sources or an enhancement of removal by sinks) achieved by this project shall not be converted into any offset credits or units generated thereby, or if so converted, will be retired without allowing any other emissions of greenhouse gases to be offset.

**Resources Required to Achieve Expected Results**

A total budget of USD 13,268,000 GCF grant and in-kind contribution from UNDP with estimation around USD 50,000 of oversight staff time. The GCF grant supports comprehensive human resources, including a dedicated Project Management Unit, technical infrastructure investments, extensive capacity-building programmes, and operational support, with adequate UNDP staff time costed within the budget.

The budget prioritises investments that generate long-term benefits, including institutional capacity building, multi-purpose infrastructure. This means that any infrastructure designed and installed under the EW4ALL project is intended to serve multiple purposes. For example, multi-purpose evacuation centers function as community meeting halls and training venues during normal times, while providing safe shelters during floods, storms, and heatwaves, ref. sub-activity 3.3.2.2. Similarly, the EW4ALL early warning system is designed as a multi-hazard platform, supporting alerts for floods, storms, lightning, heatwaves, and other climate-related risks. This approach ensures that project investments deliver day-to-day community benefits while strengthening resilience during emergencies. And community-level interventions that build resilience beyond the project period. Throughout the project, the emphasis will be on handing over the management of the project to local officials, emergency response teams, and IT specialists from relevant ministries, including the National Committee for Disaster Management (NCDM), MOWRAM, and the Ministry of Posts and Telecommunications (MPTC) at the national level and the PCDMs, CCDMs, VCDMs, and PDOWRAMs at the subnational level. Critical equipment such as sensors, servers, and network components will be inspected and serviced biannually. Preventive maintenance will also include software updates and testing early warning dissemination channels. Local capacity-building programs will ensure that community members can assist with basic troubleshooting. A comprehensive budget plan will allocate funds for O&M activities, including preventive maintenance, equipment replacements, training sessions, and emergency contingencies. The budget will be reviewed annually to adapt to evolving project needs. In the longer term, under activity 1.2.2[11]A longer-term funding strategy will be developed for critical EW / EA infrastructure.

**Partnerships**

**Government Partnerships**

The primary implementing partner, UNDP, works collaboratively with NCDM (disaster risk reduction leadership and National EW4All Coordinator), MOWRAM (meteorological expertise), the Ministry of Environment as National Designated Authority (NDA), and subnational administrations in four target provinces-Kratie, Stung Treng, Ratanakiri and Banteay Meanchey. These partnerships are formalised through comprehensive agreements that clarify roles, responsibilities between UNDP and each responsible party and coordination mechanisms, while ensuring alignment with national priorities.

[10] See https://www.greenclimate.fund/documents/20182/184476/GCF_B.12_24_-_Comprehensive_Information_Disclosure_Policy_of_the_Fund.pdf/f551e954-baa9-4e0d-bec7-352194b49bcb

[11] As part of this activity the following specific actions are planned: *"ii. Bring together the major EW-related donors, including multi-lateral development banks, multi and bilateral and the relevant RGC ministries to provide feedback on the EW4All roadmap and come to an agreement on a common strategy to support EW4All, including infrastructure investments and recurring operational costs such as salaries and funds for O & M."*

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The government partnership approach recognises Cambodia's decentralised governance structure, establishing coordination mechanisms at national, provincial, district, and commune levels to ensure effective implementation while building sustainable institutional capacity.

**UN and International Partnerships**

The project will engage partners through structured coordination mechanisms and clearly defined roles to ensure effective collaboration and complementarity. Specific outputs and activities will be assigned to specific partners, including the pillar leads. Regular technical working groups, joint annual workplans, and targeted LoAs and MoUs will guide engagement with government agencies, UN partners, and civil society organizations. Partners will contribute to co-designing early warning tools, implementing field activities, and conducting joint monitoring and learning events.

**Multi-Level Engagement Strategy**

**National Level**: High-level coordination meetings with ministerial participation, technical working groups with sectoral expertise, and policy dialogue processes influencing national planning and budget allocation.

**Provincial/Local Level**: Provincial coordination committees with governor leadership, district workshops with administrative engagement, and commune-level implementation support, ensuring local ownership.

**Community Level**: Village consultations using participatory methods, focus groups with specific demographic representation, participatory risk mapping that incorporates local knowledge, and engagement with traditional leaders, respecting cultural protocols.

**Collaborated partners**

| No | Institution | Roles |
|---|---|---|
| 1 | **Food and Agriculture Organisation (FAO)** | Supports agricultural sector coordination through complementary GCF climate resilience projects, ensuring early warning systems address agrarian risks. |
| 2 | **Asian Development Bank (ADB)** | Facilitates coordination with complementary infrastructure investments, creating opportunities to enhance overall climate resilience. |
| 3 | **The National Council for Social Protection (NSPC):** | (works closely with UNDP and WFP) Strengthens the integration of early warning information into social protection systems to support shock-responsive interventions. NSPC coordinates with NCDM, MoWRAM, and subnational authorities to ensure vulnerable households are identified and prioritized during disasters. It promotes data linkage, policy alignment, and timely dissemination of early action measures through existing social protection mechanisms, improving resilience and adaptive capacity nationwide. |
| 4 | **Ministry of Post and Telecommunication** | Works with ITU-Leads strengthening of national emergency communication systems by advancing the development of a National Emergency Telecommunications Protocol to improve disaster communication, response, and recovery. MPTC supports enhancements to EWS1294 and works toward establishing a unified Common Alert Protocol (CAP) to ensure streamlined, multi-channel early warning |

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| | | dissemination across mobile networks, TV, radio, and digital platforms. |
| 5 | **World Meteorology Organization (WMO)** | leads globally in pillar two and executes the Climate Risk and Early Warning System (CREWS) project in Cambodia and Laos. The CREWS project offers financial support to implement several recommendations from the Regional Integrated Multi-Hazard Early Warning System (RIMES) assessment within MOWRAM, mapping out the requirements and improvement areas for pillar 2. During the development of this FP, UNDP has coordinated closely with WMO through the ongoing and planned CREWS 1.0 and 2.0 projects and the development of the national EW4AII roadmap. |

The Complementary Initiatives Mapping outlines how the EW4All project aligns with and leverages ongoing national, regional, and sectoral programmes to maximise coherence, reduce duplication, and strengthen climate resilience across Cambodia. Multiple development partners, such as ADB, FAO, and ASEAN, are implementing initiatives that intersect with early warning systems, climate-smart agriculture, disaster risk management, and institutional strengthening. By mapping these complementary efforts, the project identifies strategic collaboration opportunities, shared technical standards, and coordinated approaches to data, capacity building, and community outreach. This ensures that EW4All builds on existing investments, promotes interoperability across systems, and contributes to a unified national framework for early warning and climate resilience.

**Complementary Initiatives Mapping**

| Initiative | Agency | Collaborations | Collaboration Mechanisms |
|---|---|---|---|
| Climate-Friendly Agribusiness | ADB | Strengthens agricultural value-chain resilience by integrating climate and agricultural early warnings into production planning. | • Joint capacity building to help agricultural extension officers interpret and act on meteorological and hydrological forecasts.<br>• Coordinated implementation schedules to ensure alignment between EW dissemination and agricultural cropping calendars.<br>• Shared technical standards for climate risk assessments across agriculture and DRR sectors, ensuring consistency with national EWS protocols. |
| Cambodia Climate Financing Facility | ADB | Mobilises climate finance for resilience investments and supports institutional readiness for managing climate risks. | • **Resource leveraging** to co-finance resilient infrastructure, early warning upgrades, and community preparedness programmes.<br>• **Policy coordination** to align climate finance frameworks with national DRM/EW4All strategies, ensuring financing responds to risk information.<br>• **Joint advocacy** for expanding innovative financing—such as risk transfer, adaptive social protection, and green |



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| | | | technologies—based on evidence generated by EW4All systems. |
| Climate-Resilient Agricultural Value Chains | FAO | Strengthens rural resilience through sector-specific early warnings, livelihood diversification, and climate-smart agriculture. | • **Data-sharing protocols** linking agricultural vulnerability data with PRISM, CamDi, and MoWRAM systems to inform actionable rural advisories<br>• **Joint training programmes** enabling agricultural officers and DRM committees to interpret sector-specific advisories (e.g., pest outbreaks, drought alerts).<br>• **Coordinated communication** channels for farmers using SMS, radio, and community messengers, ensuring timely activation of early actions. |
| ASEAN Multi-Sectoral Framework | ASEAN | Enhances Cambodia's integration into regional risk governance, promoting cross-border collaboration and learning. | • **Technical exchanges** on best practices in multi-hazard early warning, impact-based forecasting, and transboundary data sharin<br>• **Standardized approaches** aligning Cambodia's warning protocols (e.g., CAP, hazard classification) with ASEAN regional frameworks¶<br>• **Joint research initiatives** on emerging climate threats, supporting evidence-based national planning and regional policy harmonization |

**Continuous Engagement and Sustainability**

Ongoing stakeholder dialogue throughout implementation ensures adaptive management responding to changing conditions and emerging needs. Systematic feedback integration creates learning loops, enhancing project effectiveness, whilst capacity-building support for community champions ensures sustained engagement beyond project completion. Active beneficiary participation in monitoring and evaluation processes fosters ownership and accountability, supporting long-term impact.

The engagement strategy recognises that sustainable early warning systems require sustained community participation, government commitment, and institutional capacity extending beyond the project implementation period. By investing in relationships, systems, and capabilities, the project lays foundations for continued impact and adaptive improvement, serving Cambodia's climate resilience needs for decades to come.



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**Risks and Assumptions:**

| Risk Category | Risk Statement | Mitigation Response |
|---|---|---|
| Social and Environmental | Reference to the project feasibility study, the project would fail to consider the needs of some communities, including marginalized groups and people with disabilities due to inadequate stakeholder engagement, limited data on vulnerable and marginalized groups, weak representation in decision-making processes, and insufficient application of inclusive design principles may result in the exclusion of marginalized communities, including persons with disabilities, from project benefits. These gaps could undermine equitable participation, exacerbate existing inequalities, reduce overall project effectiveness, and potentially lead to the emergence of grievances among affected communities. | • Implement a Stakeholder Engagement Plan (SEP) that systematically identifies and engages national and sub-national stakeholders, with targeted measures to ensure the meaningful participation of marginalized and vulnerable groups.<br>• Integrate findings from the Gender Analysis and Action Plan (GAAP) for Cambodia into engagement strategies and project activities to address barriers to access, participation, and decision-making.<br>• Establish and operationalize an accessible Grievance Redress Mechanism (GRM) as detailed in the SEP, complemented by the global GRM under the ESMF, UNDP's Accountability Mechanism (SRM/SECU), and the GCF Independent Redress Mechanism (IRM), providing multiple, transparent channels for accountability and grievance resolution. |
| Social and Environmental | The project will support small-scale civil works, including minor repairs and upgrades to safe spaces such as the installation of latrines, handrails, ramps, solar panels, and other improvements to existing facilities, as well as the drilling of 25 small monitoring wells for water observation purposes only (no water extraction). If not carefully planned and managed, these activities could create risks of land-related disputes and, in rare cases, involuntary resettlement as well as, generate localized and temporary environmental risks, including dust, noise, and improper management of construction-related waste if not adequately controlled. | • Apply the project **Environmental and Social Management Framework (ESMF)** to all small-scale works to ensure environmental and social risks are identified, assessed, and managed in a systematic manner.<br>• Implement the **Environmental and Social Codes of Practice (ESCOP)** to guide repairs, upgrades of facilities, and the drilling of water-monitoring boreholes, with specific measures to control dust, noise, and construction-related waste.<br>• Apply clear **site selection criteria** as defined in the ESMF to ensure all small works are located on government-owned land, free from disputes, and do not result in land acquisition, resettlement, or other land-related impacts. Monitor compliance with ESMF and ESCOP requirements through regular site |

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| | | supervision and reporting by the Project Management Unit and responsible implementing partners. |
| Operational | Poor coordination and cooperation within and across government, multilateral, and private-sector agencies could limit the collection, standardization, and sharing of observational and climate data, weakening sectoral analysis, dissemination, and the practical use of climate information for disaster preparedness and response. In addition, private telecommunication companies may be reluctant to adopt common standards or share necessary network or customer-related data, which could constrain the operationalization of technologies such as cell broadcast. These challenges are amplified for transboundary climate hazards, where effective early warning depends on timely cross-border data exchange, harmonized alert protocols, and coordinated communications, particularly for floods affecting Cambodia that originate in neighbouring countries or where communication networks overlap across borders. | • **Strengthen institutional coordination and data governance:** Establish a formal multi-stakeholder coordination mechanism and clear data-sharing protocols (e.g. MoUs, SOPs, and interoperability standards) to improve the collection, standardization, analysis, and dissemination of climate and observational data across government, multilateral, and private-sector actors.<br>• **Engage and incentivize telecommunication providers:** Work closely with private telecom operators through early consultations, technical assistance, and regulatory alignment to encourage adoption of common emergency communication standards (including cell broadcast) while addressing data privacy, security, and commercial concerns.<br>• **Enhance transboundary cooperation:** Leverage existing regional platforms, bilateral agreements, and river basin mechanisms to facilitate timely cross-border data exchange, harmonize early warning thresholds and alert protocols, and conduct joint simulations for transboundary flood and climate-related hazards. |

The project is designed with a strong capacity-building and systems-strengthening focus and does not involve activities with a high potential for adverse social or environmental impacts. Overall, the project is therefore assessed as low risk, with minimal likelihood of negative effects. Interventions are primarily preventative and transformative, concentrating on strengthening institutional capacities, coordination mechanisms, and inclusive service delivery rather than large-scale physical works that could adversely affect communities or the environment.

Where limited construction or installation activities are required, such as improvements to safe sites, weather forecasting stations, and lightning conductors. These will be implemented in strict compliance with UNDP Social and Environmental Standards (SES) and the project's environmental and social management requirements to ensure potential impacts are avoided or minimized.

Social and environmental considerations are systematically integrated through inclusive participation, structured consultation processes, and accessible communication approaches, ensuring the meaningful engagement of women, persons with disabilities, and other marginalized groups. Potential social risks, including exclusion, power

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imbalances, or unequal access to project benefits, are mitigated through targeted capacity building, sustained stakeholder engagement, and the mainstreaming of gender and inclusion principles across all project activities.

A comprehensive project-level Grievance Redress Mechanism (GRM) is in place, offering multiple entry points and clear procedures, including specific provisions to prevent and respond to Sexual Exploitation, Abuse, and Harassment (SEAH). Political and operational risks remain low due to strong alignment with national priorities and established institutional mandates, while any residual implementation risks will be managed through strategic partnerships, continuous capacity development, and robust monitoring and accountability frameworks.

**Grievance Redress Mechanism**

The Grievance Redress Mechanism (GRM) is for project stakeholders to report concerns regarding social and environmental risks and impacts of the project. It can address complaints and grievances in a manner that is mutually agreeable to all parties and readily accessible.

All complainants will be treated respectfully, with courtesy and sensitivity. Every complaint will be thoroughly investigated, and a timely response will be provided to the complainant. Stakeholder engagement activities will include informing participants about available grievance mechanisms and how to access them efficiently.

The key principles of the grievance mechanism are to ensure that:

- The basic rights and interests of affected stakeholders are protected.
- The concerns of affected stakeholders arising from the project's environmental and social performance are adequately addressed, and
- Affected stakeholders know their rights to access grievance procedures free of charge.

Comprehensive multi-tiered GRM managed by Project Management Unit with multiple accessible entry points, including face-to-face consultation, dedicated telephone lines, email contact, and written submissions. The mechanism includes specific confidentiality provisions, SEAH-specific procedures with trained personnel, and clear referral pathways to the UNDP Accountability Mechanism and the GCF Independent Redress Mechanism for unresolved issues.

The GRM is designed to be culturally appropriate and accessible to all beneficiary groups, including specific provisions for people with disabilities, non-Khmer speakers, and those with limited literacy.

**Disclosure of multi-hazard early warning information**

The project will systematically disclose multi-hazard early warning information, risk knowledge, and preparedness guidance in both Khmer and English, ensuring fully accessible formats that include audio, visual, sign language, and simplified materials for persons with disabilities and last-mile communities. Dissemination will use multiple channels, including EWS1294 alerts, community loudspeakers, local radio, printed materials, and social media to guarantee that women, indigenous people, persons with disabilities, elderly people, rural communities, and other vulnerable groups receive timely, understandable, and actionable information. The disclosure approach ensures information reaches all stakeholder groups through their preferred channels.

**Stakeholder Engagement**

**A. Beneficiary and Inclusion Strategy**

The project adopts a structured and inclusive stakeholder engagement approach, underpinned by a clear **beneficiary identification, calculation, and disaggregation methodology** that distinguishes between direct and indirect beneficiaries and disaggregates data by sex. Building on the project's **Gender Analysis and Inclusion Action Plan**, the engagement strategy prioritizes vulnerable and marginalized groups including women, Indigenous Peoples (IP), persons with disabilities (PwD), elderly persons, and rural communities to ensure equitable participation and access to project benefits. Dedicated budget lines are allocated to support targeted outreach and tailored activities for these groups. A comprehensive **Stakeholder Engagement Plan (SEP)** guides consultation and participation throughout project implementation.

**Target Groups and Beneficiaries**

- **Direct Beneficiaries**: 514,098 (254,324 male, 259,774 female) in four target provinces receiving enhanced early warning services and preparedness support. **Indirect Beneficiaries**: 2,153,028 (1,065,103 male,

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1,087,925 female) benefiting through strengthened national systems, improved coordination, and enhanced institutional capacity.

- **Priority vulnerable populations:**
  Women, Indigenous Peoples, persons with disabilities, elderly persons, rural communities, and other marginalized groups are receiving targeted support and inclusive participation opportunities.

The beneficiary identification approach recognizes the **intersectional nature of vulnerability**, ensuring that support reaches individuals and groups facing multiple and overlapping forms of marginalization while contributing to broader community resilience.

### B. Operational Locations and Coverage

The project operates in four target provinces: Ratanakiri, Kratie, Stung Treng, and Banteay Meanchey, with national coordination in Phnom Penh. These provinces were selected based on: 1) historic exposure to flash floods and river floods; 2) percentage of households in extreme poverty; 3) diverse geographical coverage; and 4) NCDM recommendations. Ratanakiri requires cross-border cooperation with Vietnam, Kratie and Stung Treng are vulnerable to Mekong River floods, whilst Banteay Meanchey in the Tonle Sap Basin faces both flash and river floods.

### C. Engagement Modalities and Inclusion Strategies

Stakeholder engagement is implemented through **nested and context-appropriate consultations** at community, sub-national, and national levels, ensuring that discussions are held at the most relevant level for effective participation and decision-making. To ensure meaningful inclusion and verifiable impact on vulnerable groups, the project will apply the following targeted strategies:

- **Women:** Targeted capacity-building and leadership strengthening, gender-responsive DRR actions, and sex-disaggregated monitoring and reporting.
- **Persons with Disabilities (PwD):** Accessible early warning messages, inclusive contingency planning, and active engagement of Organizations of Persons with Disabilities (OPDs).
- **Indigenous Peoples:** Collaboration with local leaders, community-based approaches, culturally appropriate communication materials, and translation into local languages where required.
- **Elderly persons:** Direct engagement through community meetings, tailored early warning formats, and facilitated mobility support during drills and simulations.
- **Rural communities:** Strengthening of community-based EWS (CBEWS), last-mile communication channels, and practical support for EWS1294 uptake.

Through this inclusive, multi-level engagement approach, the project ensures transparent, two-way communication and meaningful participation of all stakeholders, particularly those most at risk of being left behind throughout design, implementation, and monitoring.

**South-South and Triangular Cooperation**

The Cambodia EW4All project will capture and disseminate lessons on inclusive multi-hazard early warning especially on last-mile communication systems and participatory governance through global knowledge platforms such as the South-South Galaxy, a global knowledge sharing and partnership-brokering platform[12] and PANORAMA – Solutions for a Healthy Planet[13] . These platforms will accelerate South-South learning by connecting Cambodia with institutions and practitioners from the Global South working on similar risk profiles, enabling governments and communities to adapt proven solutions instead of starting from scratch.. Cambodia will engage in regional dialogues on anticipatory action and early warning, providing a practical reference for replication in the Mekong and Asia-Pacific contexts. The project will also link up to the ASEAN regional disaster emergency response simulation platform, where lessons learnt can be shared at the regional level. Furthermore, RIMES, as one of the project partners, will collaborate closely with the project in co-developing advanced forecasting tools, customised provincial forecaster workstations, and seasonal climate outlooks. It will organize Monsoon Forums and related climatic briefings to support national and subnational planning.

[12] South-South Galaxy – UNOSSC
[13] PANORAMA | Solutions for a healthy planet



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**Project Sustainability and Scale-Up (Including Exit Strategy)**

Sustainability and scale-up are embedded at the core of the project design, addressing the root causes and systemic barriers that constrain sustainable climate information services, multi-hazard early warning systems (MHEWS), and anticipatory action. From inception, the project has been developed with a clear exit strategy, ensuring that results are sustained beyond the project lifespan and are not dependent on continued donor financing.

**Gender equality and Women's Empowerment:**

The project will integrate GEDSI considerations into disaster risk assessments to better reflect the needs of women, persons with disabilities, and other marginalized groups, including through improved use of disaggregated data on platforms such as PRISM and CamDi. Early warning systems will be reviewed and strengthened to address inclusivity and digital gender gaps by using multiple communication channels, including cell broadcasting and community-based outreach, to reach women, indigenous community, and persons with disabilities with limited access to mobile technology. Messaging will be clear, actionable, and tailored to different user needs, supported by targeted training and awareness campaigns that ensure gender balance and youth participation.

The project will also enhance preparedness and early action by ensuring evacuation sites meet minimum safety and inclusivity standards, particularly for women and girls, persons with disabilities, and by training and equipping community members, including women and persons with disabilities to participate in early warning and response actions. In addition, the project will build evidence to support shock-responsive social protection mechanisms that prioritize poor households, women, and persons with disabilities. Across all pillars, GEDSI will be mainstreamed through dedicated guidelines, capacity-building, increased participation of vulnerable groups, and the integration of disaggregated data into standard operating procedures and monitoring frameworks to advance gender equality and women's empowerment in project outcomes.

**Knowledge:**

The project will generate significant knowledge products, including best practices documentation for community-based early warning systems, guidelines for integrating AI in meteorological forecasting, protocols for inclusive warning dissemination, and methodologies for impact assessment. These knowledge products will be shared through regional networks, international conferences, and digital platforms to enable replication and scaling across similar contexts.

Digital innovation represents a core component of the solution approach, utilising artificial intelligence for pattern recognition in meteorological data, machine learning for improved forecasting accuracy, mobile technology for community alert systems, and cloud computing for data integration and management.

**Innovativeness, Sustainability and Potential for Scaling Up:**

The project addresses systemic barriers to sustainable climate information services through institutional capacity development, technology transfer, and community empowerment approaches. National ownership is ensured through government leadership, integration with existing systems, and alignment with national development frameworks.

Scaling potential exists through replication of successful community-based models across additional provinces, integration of lessons learned into national DRR policies, and South-South knowledge exchange with countries facing similar vulnerabilities. The project's emphasis on local innovation and appropriate technology supports long-term sustainability beyond donor financing.

This development challenge requires urgent, coordinated action to establish comprehensive early warning systems that protect Cambodia's most vulnerable populations whilst building national resilience to escalating climate risks. The EW4All initiative presents a critical opportunity to address these interconnected challenges by systematically strengthening risk knowledge, forecasting, warning dissemination, and emergency preparedness capabilities.

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**Digital Solutions**

During project implementation, UNDP will promote the adoption and capacity strengthening of open-source, interoperable digital solutions to support the development and operationalization of end-to-end, multi-hazard early warning systems (EWS) in Cambodia. These digital solutions will respond to national needs for accurate, timely, and cost-effective data integration, analysis, and dissemination to strengthen disaster preparedness and climate resilience.

The project will support the enhancement and integration of national EWS digital platforms, including CamDi, PRISM and hydrometeorological and climate information systems managed by relevant institutions (e.g. NCDM, MoWRAM, and MoE). These systems will enable the collection, management, visualization, and sharing of multi-hazard data—such as weather, hydrological, drought, and climate risk information across institutions through standardized protocols and interoperable architectures.

Digital solutions will be designed to transform raw data into actionable intelligence, supporting forecasting, risk analysis, and timely warning dissemination through multi-channel communication systems, including mobile alerts, community-based platforms, and public information dashboards. Emphasis will be placed on user-friendly interfaces to ensure accessibility for government officials, local authorities, and communities, including women, persons with disabilities, and other vulnerable groups.

The project will also invest in capacity building for national and sub-national stakeholders to operate, maintain, and use these digital systems effectively, strengthening data literacy, system governance, and evidence-based decision-making. By leveraging information technology, the project will facilitate two-way information flows from local monitoring and community feedback to national decision-makers, and from national early warning services to last-mile users. Thereby strengthening coordination, transparency, and people-centred early warning delivery.

## IV. PROJECT MANAGEMENT

**Cost Efficiency and Effectiveness:**

The budget is fully informed by the results framework and structured to ensure cost efficiency and effectiveness. The resource envelope prioritizes the deployment of a highly skilled in-house human resource base. By leveraging UNDP's existing programme and policy expertise, the project maximizes value for money through the use of internal capacities wherever feasible.
Given the rapid and dynamic nature of Early Warnings for All, where actions must shift quickly from early signals to early response, emergency operations, and policy-level interventions, the project will mobilize existing UNDP experts in Cambodia, a technical advisor, and the Regional Centre to implement key activities. In addition, UNDP's global lead for the initiative will provide technical and strategic support as required. To further enhance efficiency, some core equipment's procurement, including lightning conductors, etc, will be conducted through UNDP's global procurement pool for the seven participating countries. This approach ensures cost savings, standardization, and alignment with similar EW4ALL initiatives both within Cambodia and across the global programme.

In addition, the project leverages cost-effectiveness through strategic partnerships:

- **EW4All Pillar Leads**: Formal Responsible Party agreement and UN-to-UN agreements with three of four global pillar leads: UNDRR (Pillar 1 governance), ITU (Pillar 3 warning dissemination), and IFRC (Pillar 4 preparedness and response capacity).
- **International Federation of the Red Cross**: The Cambodian Red Cross serves as a key responsible party with extensive grassroots connections, supporting community-level implementation with IFRC oversight.
- **Government Partners**: NCDM as lead coordinator, MOWRAM for meteorological and hydrological services, and MoE for updating disaster risk information.
- **World Food Programme**: Provides EW4All coordination support through UN-to-UN agreement.
- **RIMES**: Provides specialised technical support for meteorological and hydrological forecasting capacity building.

**Project Management**

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The project will be implemented under the Direct Implementation Modality (DIM) of UNDP and managed under the delegated authority of the UNDP Resident Representative (RR). At the country level, the RR will serve as Chair of the Project Board, providing strategic oversight and ensuring alignment with national priorities and UNDP corporate requirements.

Under the umbrella of the global EW4ALL governance mechanism, the project activities will mainly take place in Phnom Penh and four target provinces of Kratie, Stung Treng, Ratanakiri and Banteay Meanchey. The national project team will comprise a Project Management Specialist, Safeguards and Coordination Officer, Monitoring and Evaluation (M&E) Officer, and a Project Associate. The team will be accountable to the UNDP Resident Representative and relevant Government senior beneficiary institutions, ensuring strong national ownership, effective coordination, and results-based delivery throughout the project lifecycle.

The project will receive technical oversight from a Chief Technical Advisor, to ensure technical quality, compliance, and alignment with global EW4ALL standards. The UNDP Country Office (e.g. teams of finance, communications, human resources, procurement, admin, ICT, results-based management) will provide relevant support services to the project. Such support will be cost recovered based on actual work time required by the project implementation (Please refer to ISS charge in the multi-year budget).

**UNDP Country Office Support:** UNDP Cambodia provides in kind-contribution as a co-financing through oversight and operational support.
**Audit Arrangements**: The project will be audited per UNDP Financial Regulations and Rules. Audit costs (USD 5,000-10,000 annually) are included in Project Management Cost allocation.



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# V. PROJECT RESULTS FRAMEWORK

This section reproduces the approved **Logical Framework (Section E) of the Cambodia EW4AII Funding Proposal (FP, UNDP PIMS 9717)**, in accordance with UNDP and GCF guidance. No changes have been made. It includes all required elements: impact/outcome/output indicators, baselines, targets, means of verification, and assumptions.

| |
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| **Contribution to the Sustainable Development Goal (s):**<br>**Primary:** SDG 13 (Climate Action), specifically target 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.<br>**Secondary:** SDG 1 (No Poverty), SDG 2 (Zero Hunger), SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 5 (Gender Equality), SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation and Infrastructure), SDG 10 (Reduced Inequalities), SDG 11 (Sustainable Cities and Communities), SDG 12 (Responsible Consumption and Production), SDG 15 (Life on Land), SDG 17 (Partnerships for the Goals). |
| **Intended Outcome as stated in the UNSDCF/Country [or Regional] Programme Results and Resource Framework:**<br>UNSDCF Outcome 3: By 2028, people in Cambodia, especially those at risk of being left behind, benefit from a healthier, gender inclusive natural environment.<br>CPD Output 3.4: The adaptive capacity of systems and communities to climate change and disasters is strengthened.<br>Output indicator 3.4.1: Number of public institutions with capacities strengthened to enhance adaptive capacities to climate change and disaster, factoring in gender and inclusion considerations.<br>Baseline (2023): 0<br>Target 2024:0<br>Target 2025: 1<br>Target 2027:2<br>Target (2028): 2<br>Source: Sector plans<br>Frequency: Annually |
| **Applicable Output(s) from the UNDP Strategic Plan:**<br>**Integrated outputs:**<br>C.5 Institutions and planning systems enabled to integrate multi- dimensional risks management approaches in national, sub-national, and sectoral development policies and strategies to reduce vulnerability to shocks, including conflict and violence, natural hazards, economic downturns, and epidemics.<br>• C.5.2 Number of countries with multi-hazard early warning, climate services, and preparedness measures in place to mitigate the impact of conflicts, disasters, pandemics and other shocks *(current with amendment)* |
| **Project title and Quantum Project Number: Cambodia Early Warning for All (EW4AII) Initiative, Quantum Project Number: 01005368]** |
| **GCF Project/Programme Focus:** *copy from GCF funding proposal E.1. Logical Framework (no changes can be made)* |

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☐ Reduced emissions (mitigation)
☒ Increased resilience (adaptation)

**GCF IMPACT LEVEL – Paradigm shift potential:** *Copy from Table E2 in the GCF funding proposal (no changes can be made) These are pre-defined and selected from the GCF Integrated Results Management Framework (IRMF)*

| | Current state (Baseline) | | Potential target scenario (Description) | How the project/programme will contribute (Description) |
|---|---|---|---|---|
| | **Description** | **Rating** | | |
| **Scale** | Determining the exact proportion of Cambodians with access to early warning systems is challenging due to data limitations, geographic disparities, and vulnerability among certain groups. While initial progress has been made, particularly with initiatives like EWS 1294, more work is needed to ensure widespread access. | Low | In Cambodia, a paradigm shift would involve two key elements: 1) building stronger community resilience to climate hazards through a well-coordinated, responsive, and inclusive approach to disaster adaptation and preparedness. This would focus on early and anticipatory actions, guided by an effective, end-to-end Multi-Hazard Early Warning System (MHEWS) that provides timely and accurate information. 2) Establishing long-term support mechanisms for the entire EWS value chain—both technical and financial—that secure resources from national sources and regional, multilateral, and international agencies, including partnerships with private corporations. These efforts would ensure a sustainable and comprehensive approach to reducing climate risks in Cambodia. | This project aims to build momentum for unprecedented cooperation across all levels of Cambodia's EWS value chain, from the National to the community levels. It establishes a support system to help Cambodia implement a comprehensive Early Warning for All (EW4All) framework by 1) providing robust scientific information on weather, water, and climate hazards through NMHS; 2) improving coordination among government agencies managing the EWS; and 3) developing a long-term financing plan to sustain hydromet infrastructure and strengthen community capacities for effective EWS response. |
| **Replicability** | In Cambodia, investments in the Early Warning for All through Artificial Intelligence and Innovation (EW4AII) project are often one-off and project based. This has led to isolated technological advancements and | Low | The EW4AII project in Cambodia has significant potential for replicating its innovations nationwide. This includes i) utilising emerging technologies such as cloud computing, AI, and remotely sensed | Through the example of four target provinces, the EW4AII project in Cambodia will demonstrate how |

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| | community-level successes, with limited opportunities for sharing lessons or scaling these successes across sectors or regions. The project aims to address these gaps by creating mechanisms for cross-learning and replicating best practices, fostering a more integrated and scalable approach to climate-informed early warning systems (CIEWS) throughout Cambodia. | | data acquisition; ii) employing IoT and mobile devices for community-based early warning systems, along with advanced communication protocols for targeted dissemination; and iii) fostering multi-institutional coordination for technical and financial support, crucial for implementing interventions on the ground. These impact-based forecasting schemes and anticipatory action (AA) initiatives offer a scalable model for broader application in Cambodia. | targeted investments in early warning systems (EWS) can substantially impact the country. Lessons learned from Cambodia and the other initial EW4All countries will be used to scale up similar investments in different countries quickly. The project will also establish regional and international frameworks to facilitate continuous collaboration and knowledge-sharing, ensuring that successful approaches can be rapidly adapted and replicated in other nations. |
| **Sustainability** | Cambodia faces challenges in establishing and maintaining a comprehensive, end-to-end Multi-Hazard Early Warning System (MHEWS) to support adaptation to climate hazards. There are gaps in the institutional structures and resources needed for a community-centred system that enhances disaster preparedness and planning through early and anticipatory action. As a public service, MHEWS requires significant investment for its operation, maintenance, and expansion to reach vulnerable communities. However, securing the necessary public funds is challenging, as numerous priorities place substantial demands on the limited public finance available. | Low | This project will ensure long-term regional and global support for Cambodia's actions towards the EW4All goals. Despite fiscal and technical constraints, it will invest in improved hydromet infrastructure, O&M, and human and institutional capacities. Strengthened coordination will enable effective use of climate information for anticipatory action. A robust communications strategy will increase the project's visibility, complemented by high-level donor and government meetings to raise awareness of the importance of EW and the need for a targeted approach.<br><br>Detailed impact assessments will increase awareness and knowledge, strengthening broad-based commitment and community involvement in disaster preparedness and planning. | The project will enhance opportunities for regional cooperation and scale up climate-resilient, sustainable development in Cambodia. It will connect sectoral and technical government entities, scientific institutions, civil society, and other stakeholders to promote anticipatory actions. This collaborative approach will foster an enabling environment for the effective and sustainable production and dissemination of climate risk information to vulnerable groups, |

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| | | | | | safeguarding their lives, livelihoods, and assets in the long term. Additionally, the project will strengthen legal frameworks for disaster risk management (DRM) and protocols for inter-agency coordination involving local institutions while fostering regional and international collaborations and partnerships. |
| | **Objective and Outcome Indicators** | **Baseline** | **Mid-term Target** | **End of Project Target** | **Assumptions** |
| **SDG indicators** | **Primary:** SDG 13 (Climate Action), specifically target 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries[14]. | Cambodia-specific baseline data to be determined through the national statistics offices. | Expected status at mid-point of project implementation, linked with Cambodia's national SDG monitoring. | Expected status at project closure, aligned with Cambodia's SDG commitments. | Project data will link with Cambodia's national statistics offices and other bodies monitoring SDG indicators. |

**GCF OUTCOME LEVEL : Reduced emissions and increased resilience (IRMF Core Indicators, quantitative indicators)** ***Copy from GCF funding proposal (no changes can be made) These are pre-defined and selected from the GCF IRMF***

| GCF Results Area | IRMF Indicator | Means of Verification (MOV) | Baseline | Mid-term Target | End of Project Target | Assumptions |
|---|---|---|---|---|---|---|
| ARA1 Most vulnerable people and communities | Core 2: Direct and indirect beneficiaries reached | Direct: Surveys and feedback forms, including | This will be verified and | Direct: 50% of the population (female/male) in targeted areas covered by MHEWS | Direct: 85% of the population (female/male) in targeted areas covered by MHEWS | Baseline estimates may be inaccurate for Cambodia and must be verified. |

[14] The EW4All project will significantly enhance Cambodia's capacity to monitor SDG 13 indicators through systematic upgrades to two key national systems: (1) The Cambodia Disaster Loss and Damage Information System (CamDi), which will be enhanced to incorporate robust economic loss analysis, establish protocols for collecting disaster impact data including infrastructure damage and agricultural losses, and provide increasingly disaggregated data by gender and disability; and (2) The Platform for Real-time Impact and Situation Monitoring (PRISM), which will be upgraded to harmonise with CamDi datasets, generate systematic analysis of disaster risk knowledge, and enable real-time monitoring through an anticipatory action module. These improvements will provide more accurate baseline data and enhance Cambodia's ability to track progress on SDG 13.1.1 (deaths, missing persons and directly affected persons attributed to disasters) and related disaster impact indicators through improved post-disaster needs assessment, real-time impact monitoring, and evidence-based disaster risk management decision-making.

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| | | USSD and electronic means, statistics from mobile network operators and radio call-in statistics.<br>Indirect: Radio, cell phone network coverage and population statistics from national statistical authorities or other recognised data sources. | reported in APR 1. | Indirect: 50% of targeted districts receive at least one form of MHEW and advisories related to relevant climate hazards. | Indirect: 85% of targeted districts receive at least one form of MHEW and advisories related to relevant climate hazards. | Agencies, including private mobile network operators, may be unwilling to share statistics. |
| ARA1 Most vulnerable people and communities | Supplementary 2.4: Beneficiaries (female/male) covered by new or improved early warning systems | Direct: Surveys and feedback forms, including USSD and electronic means, statistics from mobile network operators and radio call-in statistics.<br>Indirect: Radio, cell phone network coverage and population | This will be verified and reported in APR 1. | 50% of households in targeted areas access and utilise MHEWS for at least one form of adaptation or early action.<br>Cambodia: A total of 402,898 direct beneficiaries, making up 2.59 % of the total population of Cambodia, half of whom will be women.<br>A total of 2,332,832 indirect beneficiaries make up 15% of the population of Cambodia, half of | 85% of households in targeted areas access and utilise MHEWS for at least one form of adaptation or early action.<br>Cambodia: There will be 1,342,994 direct beneficiaries, making up 8.64% of Cambodia's total population, half of whom will be women.<br>There will be 7,776,106 indirect beneficiaries, making up 50% of Cambodia's population, half of | Baseline estimates for Cambodia may be inaccurate and require verification.<br>Agencies, including private mobile network operators, may be unwilling to share statistics. |

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| | | statistics from national statistical authorities or other recognised data sources. | | whom will be women. | whom will be women. | |
| ARA1 Most vulnerable people and communities | Supplementary 2.7: Change in expected losses of lives due to the impact of extreme climate-related disasters in the geographic area of the GCF intervention | Registers maintained by relevant authorities and agencies involved in disaster response, field-based sample surveys | This will be verified and reported in APR 1. | 60% reduction in fatalities due to extreme climate-related disasters | 90% reduction in deaths due to extreme climate-related disasters | Although figures for fatalities at the Provincial level are available, they are not yet available at the district level and will need to be retrieved. In addition, in the more remote northeastern provinces with large indigenous populations, reports of fatalities are not reliable and, therefore, need to be cross-checked. One of the activities of this project is to improve the quality of lost and damaged data. |

| **GCF OUTCOME LEVEL: Enabling environment (IRMF Core Indicators, qualitative indicators)** ***Copy from GCF funding proposal (no changes can be made). These are pre-defined outcomes selected from the GCF IRMF.*** | | | | | |
|---|---|---|---|---|---|
| **Core Indicators** | **Baseline context (description)** | **Rating for current state (baseline)** | **Target scenario (description)** | **How the project will contribute** | **Coverage** |
| Core Indicator 6: Degree to which GCF investments contribute to technology deployment, dissemination, development or transfer and innovation | Cambodia has basic observation and communication systems, inadequate analysis of climate information, uncoordinated dissemination and weak | low | Observation and dissemination systems optimised to Cambodian conditions that leverage technologies and | Formal linkages between MOWRAM and the NDCM with | National level (one country) |

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| | institutional mechanisms and capacities for on-the-ground disaster preparedness and planning. At the beginning of the project, Cambodia lacked formal collaborations that would facilitate technology transfer and build local capacities in these diverse areas, where rapid innovation and development were underway at the global level. | | technical collaborations for long-term investments and sustained technical support. Coordinated early and anticipatory actions down to the level of communities, adopting best practices regarding institutional mechanisms and protocols for disaster preparedness and using impact-based forecasts and triggers. | multiple sources for coordinated long-term technical and financial support, including local, regional and international research agencies, multilateral agencies and international corporations, including those involved in technical innovations in AI/machine learning, cloud computing, remote sensing and low-cost citizen | |

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| | | | | based EWS. | |
| Core indicator 8: Degree to which GCF investments contribute to effective knowledge generation and learning processes, and use of good practices, methodologies and standards | Investments in CIEWS in Cambodia have been one-off, with limited effort put into knowledge generation and learning from earlier experiences. External consultants and firms are typically engaged in the analysis and development of models with few mechanisms to develop in-house expertise or share and replicate the learnings. | low | Systematic and deliberate documentation, sharing of knowledge and lessons and building of technical capacities in-house within the NCDM and MOWRAM. Establishment of formal partnerships and collaborations with academia and facilities at the national, regional and global levels to ensure long-term technical support, development and innovation. | Increased capability for producing, accessing, and applying quality, timely, and contextually relevant risk information at the national, subnational, and local levels.<br>Improved capacities of relevant agencies in data access, metrics, and analysis to support decision-making, learning, and incorporation of risk | National level (one country) |

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| | | | | knowledge into EWS.<br>The project will create enabling conditions for better integration and use of relevant ministries' and entities' existing capacities through the work of the NDCM and MOWRAM.<br>Raising awareness on crucial intersections of MHEWS with gender inequality and social exclusion.<br>Strengthened collaboration and risk knowledge capability between | |

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| | | | | key ministries, academia and the private sector, including at the community level.<br>Combining local, traditional, Indigenous, generational and scientific knowledge to enable resilience under a range of future risk scenarios.<br>Strengthen locally led, people-centred and citizen science-based and innovative approaches to leverage new and existing technologies to | |

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| | | | | expand risk knowledge capability at all scales, including continuous monitoring and crowdsourcing of important vulnerability metrics as a basis for responding to and anticipating emerging crises and disasters.<br>Improved monitoring, evaluation, and learning systems integrated within the project and national structures provide up-to-date status of activities | |

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| | | | | | | and emerging risks and measure the effecti veness of EWS to promote adaptive approache s to implement ing MHEWS. | |
| **PROJECT/PROGRAMME SPECIFIC INDICATORS: (Outputs):** ***Copy from GCF funding proposal (no changes can be made).*** | | | | | | | |
| **Project Results (Outputs)** | **Indicator** | ***Means of Verification (MOV)*** | **Baseline** | **Mid-term Target** | **End of Project Target** | **Assumptions** | |
| Outcome 2: End-to-end EWS that is inclusive and builds community resilience to climate hazards | Improved resilience of communities in Cambodia to climate hazards[15]. End-to-end EWS supports 85% of the population in targeted sites. | Impact evaluation surveys and assessments, including disaster losses and damages reports | 0 | 50% | 85% | Assumption: Full participation of relevant countries in project implementation<br>Data sources: Govt. agencies (NCDM, MOWRAM, statistical bureaus), sub-national line and extension agencies, telecommunication companies, local DRM committees, communities | |
| Output 2: Accelerating actions in select countries towards EW4All | Cambodia with operational end-to-end EWS | Cambodia hydromet diagnostics<br>Cambodia disaster risk assessments and | 0 | 0 | 1 | Assumption: Full participation of relevant countries in project implementation<br>Data sources: Govt. agencies (NDCM, MOWRAM, statistical | |

[15] Details of what criteria constitute resilience in Cambodia's EW / EA value chain are given under the sub-activity indicators in the logical framework.

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| | | standard country analysis reports | | | | bureaus), sub-national line and extension agencies, telecommunication companies, local DRM committees, communities |
| **PROJECT/PROGRAMME CO-BENEFIT INDICATORS:** ***Copy from GCF funding proposal (no changes can be made)*** | | | | | | |
| **Co-benefit** | **Indicator** | **Baseline** | | **Mid-term Target** | **End of Project Target** | **Assumptions** |
| Co-benefit 1: Improved livelihoods and food security of communities dependent on climate-sensitive natural resources. | Number of people dependent on natural resources (including agriculture) provided with climate information to support adaptation and resilience building. | Impact evaluation surveys. | | 0 | 50% of NR-dependent communities in project areas. | 85% of NR-dependent communities in project areas. |
| Co-benefit 2: Improved management and conservation of the environment and critical ecosystems. | Areas under critical ecosystems are conserved and managed using climate information services for decision support. | Management plans to utilise climate information products based on project interventions. | | # Management plans to be provided by Cambodia. | # Management plans to be provided by Cambodia. | # Management plans to be provided by Cambodia. |
| Co-benefit 3: Better design and planning of settlements and infrastructure. | Populations living in settlements benefit from design and infrastructure planning informed by climate information generated by the project. | Infrastructure design and town planning documents utilising climate information products generated by the project. | | # Settlement plans provided by Cambodia. | # Settlement plans provided by Cambodia. | # Settlement plans provided by Cambodia. |
| ***DO NOT INCLUDE ACTIVITIES OR SUB-ACTIVITIES/DELIVERABLES IN THIS PROJECT RESULTS FRAMEWORK*** | | | | | | |

## The country-level indicators of the project are defined and described in the results framework

**Project title and Quantum Project Number: GCF-EW4ALL Cambodia (01005062)**

| # Indicator | Ind. Reference & Description | Indicator Definition & D: Disaggregation, FC: Frequency Collection, FR: Frequency Reporting, Calculation | Data Source and Data Collection Method | Unit of Measurement (MoM) | Baseline and Annual Target Indicator | Responsible for data collection |
|---|---|---|---|---|---|---|
| CPD Output 3.4 | **Output indicator 3.4.1:** Number of public institutions | **Definition:** **Public Institutions** refer to institutions that have received capacity strengthening | **1.Official training records** | # of public institutions | **Total 5** **Baseline: 1** | Project M&E Officer, consultant, partners and local authorities; |

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| | with capacities strengthened to enhance adaptive capacities to climate change and disaster, factoring in gender and inclusion considerations. | support from the project, have developed sectoral plans, and are able to roll out and implement these plans across the country.<br>**Capacities Strengthened** mean enhanced institutional skills, knowledge, systems, coordination mechanisms, and operational tools that improve the ability of public institutions to plan, implement, and monitor climate change adaptation and disaster risk reduction interventions.<br>**Adaptive Capacities** to Climate Change and Disaster refer to the improved ability of public institutions to anticipate, plan for, respond to, and manage climate and disaster risks through evidence-based policies, planning instruments, early warning, and resilience-building measures.<br>**Gender and Inclusion Considerations** refer to the systematic integration of gender equality and social inclusion principles, ensuring that the specific needs, priorities, and participation of women and vulnerable or marginalized groups are addressed in institutional planning and implementation processes.<br><br>**D:** type of public institution (e.g. ministry, department, agency, sub-national authority), level of administration (national / provincial / district)<br>**FC:** Monthly (following relevant activities).<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of public institutions that meet the defined criteria for "capacities strengthened" during the reporting year. | - Training attendance sheets (institution-level participation)<br>- Training reports<br>- Pre- and post-training assessment results<br>- Capacity assessment reports<br><br>**2.Institutional capacity strengthening plans**<br>- Approved sectoral or institutional plans integrating climate adaptation and DRR<br>- Revised planning documents reflecting gender and inclusion integration<br>- Action plans developed following project support<br><br>**3.Project Documentation (EW4AII-aligned practice)**<br>- Project progress and annual reports<br>- Capacity development tracking matrix<br>- Institutional performance scorecards<br>- Technical assistance mission reports<br>- Field verification reports | | 2027: 1<br>2028: 2<br>2029: 1 | mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |
| Project Outcome Level | Percentage (%) of **direct** and **indirect** beneficia ries reached | **Definition:**<br>**Direct beneficiaries** are defined as vulnerable populations (as per official census or assessments) who are directly | **1. Population and Coverage Data (Denominator)**<br>– Official population statistics (latest national | Percentage (%) | **Total 85%**<br>**Baseline: To be set by baseline assessment.** | Project M&E Officer, consultant, partners and local authorities; mobile network |

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| | (A.6 Expected adaptation outcome, IRMF indicator) | involved in project activities, primarily falling under output 3 of the project (Pillar 3 (Dissemination and Communication) and Pillar 4 (Preparedness and Response) of the Multi-Hazard Early Warning System (MHEWS)).<br>Direct beneficiaries include individuals who:<br>– Receive early warning services (EWS) through enhanced dissemination systems installed and operated by the project.<br>– Participate in capacity-building programmes on the use of MHEWS.<br>– Engage in disaster preparedness and response training activities.<br>– Reside within the service area of sub-national emergency coordination and response facilities that the project will enhance and support.<br>– Are direct members or participants in community-based early warning committees and preparedness groups established by the project.<br>– Receive targeted, actionable early warning messages through last-mile connectivity solutions (community radio, SMS, USSD, sirens, etc.) explicitly established by project interventions.<br>– Participate in simulation exercises, evacuation drills, and community-based disaster risk management planning supported by the project.<br>These beneficiaries are characterised by their active engagement with project activities and their ability to directly utilise the early warning information and preparedness systems to take protective action. | census or official projections)<br>– Provincial/district population data from National Institute of Statistics (NIS)<br>– Official list/maps of targeted MHEWS coverage areas<br>– Government administrative boundary data<br><br>**2. Direct Beneficiaries (Numerator – direct)**<br>– Training attendance sheets<br>– Simulation and evacuation drill participant lists<br>– Community early warning committee membership records<br>– Technical assistance and mission reports<br>– Project activity reports<br>– Field verification reports<br><br>**3. Indirect Beneficiaries (Numerator – indirect)**<br>– MHEWS coverage reports (areas served by upgraded systems)<br>– Dissemination records (SMS platform reports, broadcast logs, siren coverage reports)<br>– Network provider coverage reports (if applicable) | | 2028: 50%<br>20230: 85% | operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | **Indirect beneficiaries** are defined as populations (as per the latest official census or assessments) in areas targeted by the project under Pillar 1 (Disaster Risk Knowledge), Pillar 2 (Detection and Forecasting), and Pillar 3 (Dissemination and Communication) who will receive enhanced MHEWS through improved risk information, forecasting capabilities, and dissemination infrastructure.<br>Indirect beneficiaries include individuals who:<br>– Live in districts where improved meteorological and hydrological observation networks provide enhanced forecasting capabilities.<br>– Benefit from improved multi-hazard risk assessments and disaster loss databases (CamDi, PRISM) that inform provincial and district-level planning.<br>– Receive early warning information through existing government dissemination channels that have been strengthened by project investments (e.g., enhanced national radio/TV broadcasting, improved mobile network coverage).<br>– Benefit from enhanced institutional coordination and information sharing between NCDM, MoWRAM, MoE, and other agencies.<br>– Live in areas covered by upgraded climate data portals and information systems accessible to local authorities.<br>– Benefit indirectly from improved disaster preparedness planning at provincial and district levels informed by enhanced early warning systems.<br>– These beneficiaries may not directly participate in project activities but | – Government dissemination system reports<br>– Monitoring reports from NCDM / MoWRAM / relevant agencies<br>– Project progress and annual reports | | | |

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| | | will benefit from the overall strengthening of the national and sub-national MHEWS infrastructure and institutional capacity.<br>**D:** Sex (Mandatory) [Female, Male, other], Type of Beneficiary [Direct beneficiaries, Indirect beneficiaries], Geographic Area [Province, District, Commune (if data available)],<br>**FC:** Monthly (following relevant activities).<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Total number of direct and indirect beneficiaries reached in targeted MHEWS areas during the reporting period. | | | | |
| | Percentage of households in targeted areas, including X percent of FHHs, who access and utilize MHEWS for at least one form of adaptation or early action.<br><br>*(IRMF Indicator - Supplementary 2.4: Beneficiaries (female/male) covered by new or improved early warning systems)* | **Definition:**<br>The number of **households** in project-targeted areas, including female-headed households (FHHs), where at least one household member has accessed early warning information through project-supported Multi-Hazard Early Warning System (MHEWS) dissemination channels and has utilized this information to undertake at least one adaptation, preparedness, or early response action in relation to a climate- or disaster-related hazard during the reporting period.<br><br>**Utilization** is evidenced by actions such as, but not limited to, livelihood adjustments, asset protection, evacuation, sheltering, preparedness measures, or other risk-reducing actions taken prior to or during a hazard event, as verified through household surveys, post-event assessments, or project monitoring records.<br><br>The total number of households residing within the project-targeted geographic | **1. Household-Level Evidence (Access and Utilization)**<br>– Sex of household head (FHH/MHH)<br>– Type of early action taken<br>– Source/channel of warning received<br>**2. MHEWS Dissemination Records**<br>– SMS platform distribution reports<br>– Community radio broadcast logs<br>– Siren activation logs<br>– Mobile network dissemination records<br>– Government dissemination system reports<br>– Early warning message tracking reports<br>**3. Population and Household Data** | Percentage (%) | **Total 85%**<br>**Baseline: To be set by baseline assessment.**<br>2028: 50%<br>20230: 85%<br><br>Final - 85% of households in targeted areas, including X% of FHHs, access and utilize MHEWS for at least one form of adaptation or early action. | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | areas that are covered by new or improved early warning systems supported by the project during the reporting period, including both male- and female-headed households.<br><br>This includes all households within the functional coverage areas of project-supported MHEWS dissemination and communication mechanisms, regardless of whether the household utilized the early warning information.<br>**D:** Sex of Household Head [Female-headed households (FHHs), Male-headed households (MHHs)], Geographic Location [Province, District, Commune (if feasible)], Vulnerability Category (If Data Allows) [Households with persons with disabilities, Poor / IDPoor households, Elderly-headed households, Hazard-prone area category (flood/drought/storm)],<br>**FC:** Annually (and post-event where applicable)<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of households in targeted areas where at least one household member:<br>• Accessed early warning information through project-supported MHEWS; **and**<br>• Utilized that information to undertake at least one adaptation, preparedness, or early response action during the reporting period.<br>Count each household once, even if multiple actions were taken. | – Official household statistics from National Institute of Statistics (NIS)<br>– Commune database / administrative records<br>– Updated household listings in targeted areas<br>– Project-supported geographic coverage maps<br>**4. Project Monitoring Documentation**<br>– Annual project progress reports<br>– Monitoring and evaluation reports<br>– Field verification reports<br>– Technical mission reports<br><br>government agencies (NDMA, NMHS, statistical bureaus), subnational line and extension agencies, telecommunication companies, local DRM committees, and communities. | | | |
| | Percentage reduction in fatalities, disaggregated by sex, | **Definition:**<br>**Reduction** in fatalities refers to the percentage decrease in the number of | Impact evaluation surveys and assessments, including | Percentage (%) | **Total 90%** | Project M&E Officer, consultant, partners and local authorities; |

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| | due to extreme climate-related disasters<br><br>*(IRMF Indicator - Supplementary 2.7: Change in expected losses of lives due to the impact of extreme climate-related disasters in the geographic area of the GCF intervention* | deaths resulting from extreme climate-related disasters in project-targeted areas, measured by comparing the number of disaster-related fatalities recorded during the project implementation or reporting period against an established baseline or historical reference period.<br><br>**Fatalities** are counted as deaths directly attributable to the impacts of extreme climate-related hazards, with results disaggregated by sex, in line with GCF monitoring and reporting requirements.<br><br>**Extreme** climate-related disasters refer to high-impact, climate-induced or climate-exacerbated hazard events that cause significant loss of life, injury, or damage to livelihoods, infrastructure, or ecosystems. These events include, but are not limited to, floods, cyclones or storms, droughts, heatwaves, landslides, and other hydro-meteorological hazards, as officially declared or recorded by relevant national or sub-national authorities.<br><br>Only events occurring within the project-targeted geographic areas and during the defined reporting period are considered for the purpose of this indicator.<br>**D:** sex [female / male], by hazard type; by geographic location<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of disaster-related fatalities recorded in project-targeted areas during the reporting period (disaggregated by sex).<br><br>**Baseline:** | disaster loss and damage reports.<br><br>Country Hydro met diagnostics<br><br>Country disaster risk assessments and standard country analysis reports<br><br>Updated EW4AII Cambodia gap analysis and Roadmap | | **Baseline: To be set by baseline assessment.**<br><br>2028: 60%<br>20230: 90%<br><br>Final - 90% reduction in fatalities, disaggregated by sex, due to extreme climate-related disasters | mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | Average annual number of disaster-related fatalities in the same geographic areas during a defined historical reference period (e.g., 5–10 years prior to project start).<br><br>((Baseline fatalities − Current fatalities) ÷ Baseline fatalities) × 100 | | | | |
| Output 1: Strengthened Governance and Coordination | 1.1. Number of national disability inclusive SOPs and EW alert protocols developed for Cambodia. | **Definition:**<br>**National disability-inclusive Standard Operating Procedures (SOPs)** refer to formally approved national-level procedures, guidelines, or operational manuals that integrate disability inclusive principles across preparedness, early warning, response, and coordination processes. These SOPs explicitly address the needs, accessibility requirements, participation, and protection of persons with disabilities and are endorsed by the relevant national authority for application across Cambodia.<br><br>Early Warning (EW) alert protocols refer to nationally endorsed procedures that define the processes, roles, responsibilities, communication channels, and standards for generating, validating, disseminating, and responding to early warning alerts for climate- and disaster-related hazards. These protocols ensure timely, clear, and accessible dissemination of alerts, including the use of disability-inclusive communication formats and channels, and are designed for nationwide implementation in Cambodia.<br><br>**D:** Type of Instrument [Standard Operating Procedures (SOPs), Early Warning (EW) alert protocols], Hazard Type (If Applicable) [Flood, Storm/Cyclone, Drought, Drought] Status for tracking | Officially approved and signed SOPs and EW alert protocols; endorsement letters or ministerial decisions; validation meeting minutes; official government publication records. | Number *(of nationally endorsed SOPs and EW alert protocols)* | Baseline: No inclusive SOP<br>2027: 1 SoP and EW alert protocols developed<br>2028: PRISM 2.0 release | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | progress [Drafted, Approved/Endorsed, Officially adopted]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of national disability-inclusive SOPs and EW alert protocols that have been formally approved or officially endorsed by the relevant national authority during the reporting period.<br><br>Each SOP or protocol is counted once, only after formal endorsement. | | | | |
| | 1.2 Number of government officials (NCDM, MoWRAM, and CRC) capacity enhanced on EW data management | **Definition:**<br>**Government officials** refer to technical and operational staff from relevant national and sub-national institutions responsible for early warning, hydro-meteorological services, disaster risk management, and emergency response, including but not limited to NCDM, MoWRAM, and the Cambodian Red Cross (CRC), who are directly engaged in early warning data generation, management, analysis, or dissemination.<br><br>**Capacity enhanced** on early warning (EW) data management refers to the measurable improvement in officials' technical knowledge, practical skills, and operational competencies related to the collection, processing, storage, analysis, quality assurance, sharing, and application of early warning and hydro-meteorological data.<br><br>Capacity enhancement is achieved through project-supported training, mentoring, system upgrades, or hands-on learning activities and is verified through participation records, competency | **1. Participation Records**<br>– Training attendance sheets (signed)<br>– Official participant lists (institution and sex disaggregated)<br>– Training completion certificates<br>– Mentoring/coaching attendance logs<br>**2. Competency Assessment Evidence**<br>– Pre- and post-training test results<br>– Skills assessment tools/checklists<br>– Practical evaluation results<br>– Training evaluation reports<br>**3. Project Monitoring Documentation**<br>– Capacity development tracking matrix<br>– Annual project progress reports | Number (government officials) | **Total: 20**<br>**Baseline: data to be set by baseline assessment**<br><br>2028:20<br>2029:20 (refresher) | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | assessments, or demonstrated application of EW data in operational decision-making.<br><br>**D:** Sex [Female, Male], Institution [NCDM, MoWRAM, CRC, Other relevant national/sub-national institutions (if applicable)], Administrative Level [National, Sub-national (Provincial/District)], Type of Support [Training, Mentoring, On-the-job coaching, System upgrade exposure]<br>**FC:** Continuous (following each capacity-building activity)<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of unique NCDM/MoWRAM/CRC officials who completed EW data management capacity-building and demonstrated improved competency and/or application during the reporting period. | – Technical assistance mission reports | | | |
| | 1.3. Number of common EW4AII MEAL systems and minimum standards for gender, disability, and inclusion developed and formally approved in Cambodia. | **Definition:**<br>**Common EW4ALL Monitoring, Evaluation, Accountability, and Learning (MEAL) systems** refer to harmonised national-level frameworks, tools, indicators, data collection methodologies, reporting processes, and feedback mechanisms developed to monitor and assess the performance, coverage, quality, and inclusiveness of Early Warning for All (EW4ALL) interventions. These systems are designed for coordinated use across relevant institutions and stakeholders in Cambodia to ensure consistency, comparability, and learning.<br><br>**Minimum standards** refer to nationally agreed baseline requirements, benchmarks, and criteria that define acceptable levels of quality, accessibility, | Officially approved EW4ALL MEAL system and minimum standards documents; endorsement letters or ministerial decisions; validation meeting minutes; official government publication records. | Number (of nationally approved systems/standards) | Baseline:0<br>2027: 1 | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | inclusiveness, and accountability in the design, implementation, monitoring, and reporting of EW4ALL interventions. These standards establish the minimum conditions that must be met to ensure effective and equitable early warning systems.<br><br>**Gender, disability, and inclusion** refer to the systematic integration of gender equality and social inclusion principles into EW4ALL MEAL systems and standards, ensuring that the specific needs, capacities, and participation of women, men, persons with disabilities, and other vulnerable or marginalised groups are explicitly addressed, monitored, and reported throughout the early warning value chain.<br><br>**Developed and formally approved in Cambodia** means that the MEAL systems and minimum standards have been designed through consultative processes involving relevant national stakeholders and have received official endorsement, validation, or approval by the appropriate government authority or coordination mechanism, enabling their application at the national level.<br>**D: 1.** Type of Instrument (Essential) [EW4ALL MEAL system, Minimum standards (gender, disability, inclusion), Approval Status [Drafted, Validated, formally approved/endorsed]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Total number of EW4ALL MEAL systems and/or minimum standards | | | | |

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| | | formally approved during the reporting period. | | | | |
| Output 2: Disaster risk knowledge and observations | 2.1.a Number of Harmonised and updated PRISM and CamDi 2.0 datasets, including economic loss and damage, gender- and disability-disaggregated data, and an AA module, being operated and accessed by NCDM. | **Definition:**<br>H**armonised and updated PRISM and CamDi 2.0 datasets** refer to datasets that have been standardised in structure, definitions, formats, and interoperability across the two platforms, integrated with new or improved data layers, and updated in line with agreed national data management protocols.<br><br>**Economic loss and damage** refer to quantified data on direct and indirect economic impacts of climate- and disaster-related hazards, including losses to livelihoods, assets, infrastructure, and services, recorded in accordance with nationally agreed methodologies.<br><br>**Gender- and disability-disaggregated data** refer to datasets that capture disaster impacts and beneficiary information disaggregated by sex and disability status, in line with national standards and international good practice on inclusive data.<br><br>**Anticipatory Action (AA) module** refers to a functional analytical component within PRISM and/or CamDi 2.0 that enables the use of forecast-based triggers, thresholds, and scenario analysis to support early action decision-making prior to hazard impacts.<br><br>**Operated and accessed by NCDM** means that the datasets and associated modules are hosted within NCDM systems or formally linked platforms, with designated NCDM staff having authorized access and using the data for disaster preparedness, | System harmonisation documentation; dataset update logs and QA/QC reports; system deployment and validation reports; NCDM user access logs and usage analytics; analytical outputs generated from PRISM/CamDi 2.0; technical and project progress reports. | Number (datasets/modules) | **Baseline: CamDi 1.0 with data sets to be updated/upgraded**<br>**2027:** CamDi 2.0 rollout<br>**2028:** CamDi 2.0 review/handover<br>**2030:** CamDi 2.0 tweaks/upgraded | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | early warning, planning, and response decision-making.<br>**D:** Platform [PRISM, CamDi 2.0], Dataset Type [Economic loss and damage datasets, Gender-disaggregated datasets, Disability-disaggregated datasets, Anticipatory Action (AA) module integrated], Operational Status [Harmonized, Updated, Operational, actively accessed by NCDM], Hazard Type [Flood, Storm, Drought, Multi-hazard]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Total number of harmonized, updated, and operational PRISM/CamDi 2.0 datasets (including AA module) actively accessed by NCDM during the reporting period. | | | | |
| | 2.1. b Number of stakeholders, including ministries, provincial-level authorities, non-government organisations, and OPDs regularly share and receive relevant data from PRISM and CamDi 2.0 | **Definition:**<br>**Stakeholders** refer to institutions or organisations that are formally engaged in disaster risk management, climate services, early warning, preparedness, and response in Cambodia, including national ministries, provincial-level authorities, non-government organisations (NGOs), and Organisations of Persons with Disabilities (OPDs), that have a defined role in accessing, contributing to, or using disaster and early warning data.<br><br>**Regularly share and receive relevant data from PRISM and CamDi 2.0** refers to the consistent, two-way exchange of disaster risk, impact, early warning, and related datasets between stakeholders and the PRISM and CamDi 2.0 platforms. This includes the submission, updating, access, and use of data in accordance with agreed data-sharing protocols, standards, and | Signed data-sharing agreements; PRISM/CamDi 2.0 user access logs and usage analytics; data upload/download records; scheduled reporting logs; stakeholder reports and planning documents referencing system data; project monitoring reports. | Number (of stakeholder institutions) | **Baseline: 0**<br>**2027:**<br>– **3** ministries,<br>– **3** provincial authorities and five NGOs and<br>– **4** OPDs shared and received data from PRISM and CamDi 2.0<br>**Final:**<br>– 3 ministries,<br>– 3 provincial authorities,<br>– 5 NGOs, and<br>– 4 OPDs shared and received data from PRISM and CamDi 2.0 | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | schedules (e.g. routine updates, periodic reporting, or event-based data exchange).<br><br>**Regular data sharing and receipt** are evidenced by formal data-sharing agreements, system access logs, data upload records, usage analytics, or documented coordination mechanisms demonstrating that stakeholders actively both contribute to and utilise information from PRISM and CamDi 2.0 for planning, early warning, preparedness, or response purposes.<br>**D:** Type of Stakeholder [National ministries, Provincial-level authorities, Non-governmental organizations (NGOs), Organizations of Persons with Disabilities (OPDs), Other technical agencies (if applicable)], Administrative Level [National, Sub-national (Provincial/District)], Role in Data Exchange [Data provider, Data user, Both provider and user], Platform [PRISM, CamDi 2.0]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Total number of stakeholder institutions that regularly share and/or receive data from PRISM and/or CamDi 2.0 in accordance with agreed protocols during the reporting period. | | | | |
| | 2.2. Number of provinces in which hazard-specific early warning data for flood/ drought/ lightning strikes/ heatwaves are accessible to | **Definition:**<br>**Hazard-specific early warning data** refers to forecasts/alerts/ thresholds/ advisories/bulletins/risk information related to floods/ droughts/ lightning strikes/heatwaves generated or supported by national early warning systems. | Signed data-sharing agreements; user access lists; PRISM/CamDi system logs and usage analytics; data upload/download records; scheduled reporting logs; stakeholder reports or planning | Number (stakeholder institutions) | Baseline: EW1294 (flood data)- available across the country with limitation focus only on flood.<br>2027: EW data available<br>2029: 4 provinces | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sec |

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| | PDOWRAMs and PCDMs in 4 provinces | **Accessible** means that designated PDoWRAM and PCDM staff in a province are able to routinely obtain, view, interpret, and use the hazard-specific EW data through approved data platforms, dashboards, or formal dissemination channels, in line with agreed protocols.<br><br>A province is counted when both PDoWRAM and PCDM have access to EW data for one or two or all four hazard types, enabling their use for preparedness, coordination, and response decision-making.<br>**D:** Stakeholder Type [National ministries, Provincial-level authorities, NGOs, Organizations of Persons with Disabilities (OPDs), Other technical agencies (if applicable)], Administrative Level [National, Sub-national (Provincial/District)], Role in Data Exchange [Data provider, Data user, Both provider and user]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of stakeholder institutions that regularly share and/or receive data from PRISM and/or CamDi 2.0 in accordance with agreed protocols during the reporting period. | documents referencing system data. | | 4 provinces accessed the hazard specific EW data | disaggregated population data; annual compilation/review. |
| | 2.3. Number of provinces have regular access to publicly available hydro-meteorological products, including 7-day forecasts with improved spatial resolution, monthly projections, and | **Definition:**<br>**Regular access** refers to the consistent and timely availability of hydro-meteorological information to provincial authorities in accordance with agreed production and dissemination schedules (e.g. daily, weekly, monthly, or seasonal), without ad hoc or one-off provision. | Signed data-sharing agreements; authorised user lists; PRISM/CamDi system logs and usage analytics; data upload/download records; scheduled reporting logs; stakeholder reports or planning documents referencing system data. | Number (stakeholder institutions) | Baseline: Data set to be confirmed by baseline assessment.<br>2028: 4 provinces have regular access to publicly available hydro-met | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated |

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| | seasonal outlooks, produced and disseminated at provincial level through official platforms and communication channels. | **Publicly available** means that hydro-meteorological products are openly disseminated and can be accessed by provincial authorities and the general public without restriction, through official government platforms or authorised communication channels.<br><br>**Hydro-meteorological products** refer to climate and weather information outputs generated by national or sub-national authorities, including forecasts, projections, outlooks, bulletins, maps, and advisories, that provide actionable information on weather and climate conditions.<br><br>**7-day forecasts with improved spatial resolution** refer to short-range weather forecasts covering a seven-day period that provide location-specific or sub-provincial level information with enhanced geographic detail compared to baseline products, improving local-level interpretation and decision-making.<br><br>**Monthly projections** refer to medium-range climate outlooks that provide probabilistic or scenario-based information on expected climate conditions over a one-month period, supporting short-term planning and preparedness.<br><br>Seasonal outlooks refer to climate forecasts that provide probabilistic information on expected climate patterns (e.g. rainfall, temperature) over a defined seasonal period (typically three to six months), supporting anticipatory planning and risk management. | | | | population data; annual compilation/review. |

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| | | Produced and disseminated through official platforms and communication channels means that hydro-meteorological products are generated by authorised institutions and distributed via recognised government platforms (such as official websites, data portals, dashboards) and formal communication channels (including bulletins, email lists, SMS, or media briefings) at the provincial level.<br>**D:** Stakeholder Type [National ministries, Provincial authorities, NGOs, Organizations of Persons with Disabilities (OPDs), Other technical agencies (if applicable), Administrative Level [National, Sub-national (Provincial/District)], Role in Data Exchange [Data provider, Data user, Both provider and user]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of stakeholder institutions that regularly share and/or receive data from PRISM and/or CamDi 2.0 in accordance with agreed protocols during the reporting period. | | | | |
| Output 3: Warning dissemination and preparedness | 3.1.a. Percentage of People with Disabilities (PwDs) who receive relevant, accessible, and actionable early warning systems in the target communes. | **Definition:**<br>**Receive** means that PwDs obtain early warning information through at least one project-supported dissemination channel (e.g. SMS, voice messages, community radio, sirens, sign-language interpretation, visual alerts, or community-based warning mechanisms).<br><br>**Relevant** refers to early warning information that is hazard-specific, timely, and appropriate to the local context and risk profile of the target communes. | **1. Household / Individual Survey Data**<br>– Structured household or individual surveys in target communes<br>– Post-warning rapid assessment surveys<br>– Perception surveys confirming accessibility and usability<br>– Sex- and disability-type-disaggregated beneficiary database | Percentage (%) | **Baseline: 0**<br>**2029: 80%** of PwDs received relevant, accessible, and actionable EWS | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | **Accessible** means that early warning information is delivered in formats and channels suitable for different types of disabilities (including visual, hearing, physical, intellectual, or psychosocial disabilities), enabling PwDs to effectively access and comprehend the information.<br><br>**Actionable** refers to early warning information that includes clear, practical guidance enabling PwDs and their households to take timely protective or anticipatory actions in response to impending hazards.<br>**D:** Sex [Female and Male with disabilities], Type of Disability [Visual, Hearing, Physical, Intellectual, Psychosocial, Multiple disabilities], Geographic Location [Province, District, Commune], Dissemination Channel [SMS, Voice message, Radio, Siren, Sign language interpretation, Community mechanism]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of PwDs in target communes who received relevant, accessible, and actionable early warning information during the reporting period.<br>**Denominator:** Total number of People with Disabilities residing in the target communes during the reporting period (based on official records, commune databases, or verified disability registries). | **2. Administrative and Community Records**<br>– OPD membership lists (for denominator validation)<br>– Commune disability registries<br>– Community early warning committee records<br>– Attendance sheets for community warning briefings<br>**3. Dissemination System Records**<br>– SMS/voice broadcast logs<br>– Sign-language interpretation deployment records<br>– Community radio broadcast logs<br>– Siren activation logs<br>– Accessible format distribution records (visual, audio, etc.) | | | |
| | 3.1. b. Percentage of project beneficiaries with equal female/male representation, and including 25% persons with disabilities, | **Definition:**<br>**Equal female/male representation** means that the beneficiary sample or reporting population reflects balanced participation of women and men, with results disaggregated by sex and reported in line with GCF gender equality requirements. | **1. Beneficiary Survey Data**<br>– Structured endline or periodic beneficiary survey reports<br>– Post-event rapid assessment surveys | Percentage (%) | **Baseline: 0**<br>**2029: 60%** of project beneficiaries, 25% of PwDs | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; |

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| | reported to have made at least one personal or household decision based on information from newly enhanced Early Warning Systems supported by the project. | **Persons with disabilities** refer to individuals identified in accordance with nationally accepted definitions or internationally recognised tools (e.g. Washington Group Short Set), with a minimum threshold of 25% inclusion in the beneficiary sample.<br><br>**Reported to have made at least one personal or household decision** means that beneficiaries self-report having taken at least one decision or action at the individual or household level, such as preparedness measures, livelihood adjustments, evacuation planning, asset protection, or other risk-reducing actions, based on early warning information received.<br><br>**Information from newly enhanced Early Warning Systems** refers to hazard-specific alerts, forecasts, or advisories generated or disseminated through early warning systems that have been upgraded, expanded, or improved with support from the project.<br>**D:** Sex [Female and Male with disabilities], Type of Disability [Visual, Hearing, Physical, Intellectual, Psychosocial, Multiple disabilities], Geographic Location [Province, District, Commune], Type of Decision/Action Taken [Preparedness action, Evacuation planning, Livelihood adjustment, Asset protection, other risk-reduction measure]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of project beneficiaries (female/male, including | – Sex- and disability-disaggregated beneficiary database<br>– Washington Group Short Set–based disability screening results<br>**2. Monitoring and Field Verification Records**<br>– Community monitoring reports<br>– Focus group discussion summaries<br>– Household interview records<br>– Field visit verification reports<br>**3. Early Warning Dissemination Records (Exposure Verification)**<br>– SMS/voice broadcast logs<br>– Radio broadcast logs<br>– Siren activation logs<br>– Community warning committee records<br>**4. Project Reporting Documentation**<br>– Annual project progress reports<br>– M&E reports<br>– Beneficiary tracking matrix<br><br>Surveys report on the Connectivity, Needs, and Usage Assessment (CoNUA) toolkit, including gender analysis and updated inclusion surveys. | | | national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | ≥25% PwDs) who report making at least one personal or household decision based on newly enhanced early warning information during the reporting period.<br>**Denominator:** Total number of project beneficiaries surveyed or assessed during the reporting period. | | | | |
| | 3.2.a. Number of the Provincial contingency plan annually updated, including vulnerability, capacity, exposure of populations and assets, hazard characteristics, and the environment. | **Definition:**<br>**Provincial contingency plan** refers to an officially recognised preparedness and response plan developed by a Provincial Committee for Disaster Management (PCDM) that outlines roles, responsibilities, coordination arrangements, and response actions for climate- and disaster-related hazards.<br><br>**Annually updated** means that the contingency plan has been revised at least once within the reporting year, using the most recent available data and has been formally endorsed or validated by the relevant provincial authority.<br><br>**Vulnerability, capacity, and exposure of populations and assets** refer to the inclusion of updated assessments of at-risk populations, critical infrastructure, livelihoods, and assets, as well as existing coping capacities and resources at the provincial level.<br><br>**Hazard characteristics** refer to updated information on the types, frequency, intensity, and spatial distribution of relevant hazards affecting the province.<br><br>**Environmental considerations** refer to the integration of ecosystem-related factors, environmental degradation, and natural resource conditions that influence disaster risk and response. | **1. Beneficiary Survey Reports**<br>– Structured beneficiary survey (baseline/endline or periodic)<br>– Post-event rapid assessment surveys<br>– Sex- and disability-disaggregated dataset<br>– Washington Group Short Set–based disability identification (or equivalent tool)<br>**2. Field Monitoring and Verification**<br>– Household interview records<br>– Focus group discussion reports<br>– Community validation meeting minutes<br>– Field monitoring visit reports<br>**3. Early Warning Dissemination Records**<br>– SMS/voice broadcast logs<br>– Radio broadcast records<br>– Siren activation logs<br>– Community early warning committee records<br>**4. Project M&E Documentation** | Number | **Total: 4 provincial**<br>**Baseline: 4 provincial contingency plan available but require to be updated**<br>contingency plans updated annually<br>2026: 4<br>2027: 4<br>2028: 4<br>2029: 4<br>2030: 4 | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | Only contingency plans that meet all inclusion criteria and are formally updated and endorsed within the reporting period are counted under this indicator.<br>**D:** Sex [Female and Male with disabilities], Disability Status [Persons with disabilities, Persons without disabilities (To verify minimum 25% PwD inclusion)], Type of Disability [Visual, Hearing, Physical, Intellectual, Psychosocial, Multiple disabilities], Geographic Location [Province, District, Commune]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of project beneficiaries (female/male, including ≥25% PwDs) who report making at least one decision based on enhanced early warning information during the reporting period.<br>**Denominator:** Total number of project beneficiaries surveyed who received enhanced early warning information during the reporting period. | – Beneficiary tracking database<br>– Annual project progress reports<br>– M&E analytical reports | | | |
| | 3.2.b. Percentage of participants with equal female/male representation, and including 25% persons with disabilities, in capacity development initiatives demonstrates competencies for effective disaster preparedness and response. | **Definition:**<br>**Capacity development initiatives** refer to project-supported training, workshops, simulations, drills, mentoring, or other learning activities focused on disaster risk management, early warning, preparedness, and response.<br><br>Demonstrates competencies for effective disaster preparedness and response means that participants show measurable improvements in relevant competencies—such as risk identification, interpretation of early warning information, preparedness planning, coordination, communication, | **1. Beneficiary Survey Reports**<br>– Structured beneficiary survey (annual or post-event)<br>– Endline or periodic outcome survey<br>– Post-event rapid assessment reports<br>– Sex- and disability-disaggregated survey dataset<br>– Washington Group Short Set–based disability | Percentage (%) | **Baseline: data set to be confirmed by baseline assessment**<br>**2029: 80%** of participants with equal female/male representation, including 25% with PwDs | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | and response actions—as assessed through post-training evaluations, practical exercises, simulations, or competency assessments.<br>**D:** Sex [Female and Male with disabilities], Disability Status [Persons with disabilities, Persons without disabilities (To verify minimum 25% PwD inclusion)], Type of Disability [Visual, Hearing, Physical, Intellectual, Psychosocial, Multiple disabilities], Geographic Location [Province, District, Commune]<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of project beneficiaries (female/male, including ≥25% PwDs) who reported making at least one decision based on enhanced early warning information during the reporting period.<br>**Denominator:** Total number of project beneficiaries surveyed who received enhanced early warning information during the reporting period. | identification (or equivalent tool)<br>**2. Field Monitoring and Validation**<br>– Household interview records<br>– Focus group discussion summaries<br>– Community validation meeting minutes<br>– Field monitoring visit reports<br>**3. Early Warning Dissemination Records**<br>– SMS/voice broadcast logs<br>– Radio broadcast records<br>– Siren activation logs<br>– Community early warning committee records | | | |
| | 3.3. Number of target provinces with operational SRSP mechanisms linked to early warning triggers that provide anticipatory assistance to 1000 vulnerable households in high-risk areas, disaggregated by sex, age, and disability type (by 2028). | **Definition:**<br>**Operational SRSP mechanisms** refer to social protection systems, protocols, financing arrangements, and delivery mechanisms that are functional, tested, and capable of scaling or triggering assistance in response to early warning information.<br><br>**Linked to early warning triggers** means that SRSP activation thresholds are explicitly connected to hazard forecasts or early warning indicators (e.g. rainfall thresholds, flood levels, heat indices) generated by national or sub-national early warning systems. | **1. Official SRSP Documentation**<br>– Provincial SRSP operational guidelines or protocols<br>– Formal approval or endorsement letters<br>– Activation threshold documentation linked to early warning triggers<br>– Provincial contingency or anticipatory action plans<br>**2. Early Warning Trigger Evidence** | Number (HHs) | Baseline: 0<br>2028: 1000 HHs | Project M&E Officer, consultant, partners and local authorities; mobile network operators and radio stations provide usage statistics; national statistical office provides sex-disaggregated population data; annual compilation/review. |

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| | | **Provide anticipatory assistance** refers to the delivery of cash, in-kind support, services, or other protective measures to households before or immediately ahead of an anticipated hazard event, aimed at reducing exposure, vulnerability, and potential losses.<br><br>**Vulnerable households in high-risk areas** refer to households identified through national social protection registries, vulnerability assessments, or project-supported targeting processes as being at elevated risk due to socioeconomic, geographic, or demographic factors and residing in hazard-prone locations.<br><br>Disaggregated by sex, age, and disability type means that beneficiary data are collected and reported by sex of household members, age groups, and disability types, in line with national standards and inclusive data collection practices.<br>**D:** Province **[**List of target provinces, Operational / Not operational], Type of Hazard Trigger [Flood, Storm, Drought, Heatwave, Multi-hazard], Beneficiary-Level Disaggregation [By sex of household members, By age group (e.g., children, adults, elderly), By disability type (visual, hearing, physical, intellectual, psychosocial, multiple)].<br>**FC:** Annually<br>**FR:** Annually<br><br>**Calculation:**<br>**Numerator:** Number of target provinces with an operational SRSP mechanism linked to early warning triggers that delivered anticipatory assistance (with sex- | – Early warning bulletins or forecast reports<br>– Trigger activation records (rainfall/flood/heat thresholds met)<br>– National or sub-national EWS system reports<br>**3. Monitoring and Verification Documentation**<br>– Post-activation monitoring reports<br>– Field verification reports<br>– Provincial implementation reports<br>– Social protection registry records (where applicable) | | | |

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| | | , age-, and disability-disaggregated records) during the reporting period. | | | | |

**Modifications to the Project Results Framework**: **No modification to the Project Results Framework shall be allowed**, unless the Implementing Partner has sought and obtained prior agreement/approval from UNDP, where pursuant to the terms of the AMA, FAA or GCF policies, UNDP may be required to seek formal prior approval from GCF in relation to proposed modifications to the Funded Activity, in particular where the modifications could reasonably be considered to constitute a Major Change (as defined in the GCF policies). All minor and major modifications shall be duly documented in a Note to File and shall be cleared by UNDP-BPPS in line with UNDP policies and Standard Operating Procedures.

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# VI. MONITORING AND EVALUATION (M&E) PLAN

Project-level monitoring and evaluation will be undertaken in compliance with UNDP requirements as outlined in the UNDP POPP and UNDP Evaluation Policy. **The UNDP Country Office is responsible for ensuring full compliance with all UNDP project M&E requirements including project monitoring, UNDP quality assurance requirements, quarterly risk management, and evaluation requirements.**

Additional M&E requirements will be undertaken in accordance with the GCF Integrated Results Management Framework, GCF Evaluation Policy, and other relevant GCF policies. The costed M&E plans included below, and the Monitoring Activity Plan in Annex Q, will guide the GCF-specific M&E activities to be undertaken by this project.

In addition to these mandatory UNDP and GCF M&E requirements, other M&E activities deemed necessary to support project-level adaptive management will be agreed during the Project Inception Workshop and will be detailed in the Inception Report.

**Minimum project monitoring and reporting requirements as required by the GCF:**

Inception Workshop and Report: A project inception workshop will be held after the Funded Activity Agreement becomes effective, with the aim to:

a. Familiarize key stakeholders with the detailed project strategy and discuss any changes that may have taken place in the overall context since the project idea was initially conceptualized that may influence its strategy and implementation.
b. Discuss the roles and responsibilities of the project team, including reporting lines, stakeholder engagement strategies and conflict resolution mechanisms.
c. Review the results framework and monitoring plan.
d. Discuss reporting, monitoring and evaluation roles and responsibilities and finalize the M&E budget; identify national/regional institutes to be involved in project-level M&E; discuss the role of the GCF National Designated Authority and other stakeholders in project-level M&E.
e. Update and review responsibilities for monitoring project strategies, including the risk register; SESP report, Social and Environmental Management Framework and other safeguard requirements; project grievance mechanisms; gender strategy; knowledge management strategy, and other relevant management strategies.
f. Review financial reporting procedures and budget monitoring and other mandatory requirements and agree on the arrangements for the annual audit.
g. Plan and schedule Project Board meetings and finalize the first-year annual work plan.
h. Formally launch the Project.

**The inception report is to be submitted to GCF within six months of project start** (i.e. Funded Activity Agreement effectiveness)[16]. The inception report will be cleared by the UNDP Country Office and the UNDP-BPPS Regional Technical Adviser and approved by the Project Board.

GCF Annual Performance Report (APR) (due for submission to the GCF by 1st March each year of project implementation):

The annual GCF APR covering the reporting period January to December will be completed for each year of project implementation. UNDP will undertake quality assurance of the APR before submission to the GCF. The APR process and will follow the standard annotated GCF templates and UNDP guidance prepared by BPPS for GCF-financed projects.

The Project Manager, the UNDP Country Office, and the BPPS Regional Technical Advisor will provide objective input to the APR. The Project Manager will ensure that the indicators included in the project results framework are monitored annually in advance so that progress can be included in the report. The Project Manager and CO must complete a high-quality draft APR and financial file for review and input by the BPPS RTA and for an internal quality assurance and clearance process prior to submission of the APR to the GCF.

The UNDP Country Office will coordinate the input of other stakeholders to the APR, as appropriate. The quality rating of the previous year's report will be used to inform the preparation of the subsequent report.

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The APR submitted to the GCF shall be shared with the Project Board and disclosed publicly on GCF's website.

All project documents should have an annex that outlines in detail the project results, tracking and verification system as part of the description of the project's M&E framework.

Independent Interim Evaluation Report (IER):

An independent interim evaluation report will be submitted to the GCF by 8 September 2028. *This is a legally binding deadline. If it cannot be met because of extraordinary circumstances, a milestone extension request must be sent to and cleared by BPPS/VF Programme Support, Oversight and Compliance Hub and submitted to the GCF Secretariat at least 2 months prior to the submission deadline.*

In order to meet the submission deadline, the final IER must be completed and sent to BPPS/VF Programme Support, Oversight and Compliance Hub no later than 2 months in advance of the GCF submission deadline to allow sufficient time for internal review/clearance that is required prior to submission. Therefore, the IER process must start no later than 8 months before the expected date of submission to the GCF. The entire IE process will be managed at the global level across the seven countries, with on-the-ground support provided at the CO level.

The terms of reference, the review process and the final IER report will follow the standard templates and guidance prepared by UNDP for GCF-financed projects available on the UNDP Evaluation Resource Center (ERC).

The evaluation will be independent, impartial and rigorous. The evaluator(s) that UNDP will hire to undertake the assignment will be independent from organizations that were involved in designing, executing or advising on the project to be evaluated. Equally, the evaluators should not be in a position where there may be the possibility of future contracts regarding the project being evaluated.

The GCF NDA and other stakeholders will be involved and consulted during the evaluation process. Additional quality assurance support is available from the BPPS RTA and BPPS VF Programme Support, Oversight and Compliance Hub.

The final IER will be publicly available in English and will be posted on the UNDP ERC by 8 September 2028. Management response to IER recommendations will be posted in the ERC within six weeks of the IER's completion and submitted to the GCF Secretariat as per the AMA/FAA requirements.

Project Completion Report (PCR):

The Project Completion Report will cover the project's final calendar year of implementation and will be due for submission to the GCF within [3 months] by 8 March 2031 after the project completion date.[17]

The Project Manager, the UNDP Country Office, and the BPPS Regional Technical Advisor will provide objective input to the PCR covering the final calendar year of implementation. The Project Manager and CO must complete a high-quality draft PCR and financial file for review and input by BPPS RTA and for an internal quality assurance and clearance process prior to submission of the APR to the GCF.

The UNDP Country Office will coordinate the input of other stakeholders to the PCR, as appropriate.

Independent Final Evaluation Report (FER):

[17] See Schedule 4 of the Funded Activity Agreement

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An independent final evaluation report (FER) will take place upon completion of all major project outputs and activities and will be submitted to the GCF by 8 June 2031*. This is a legally binding deadline. If it cannot be met because of extraordinary circumstances, a milestone extension request must be sent to and cleared by BPPS/VF Programme Support, Oversight and Compliance Hub and submitted to the GCF Secretariat at least 2 months prior to the submission deadline.*

In order to meet the submission deadline, the final version of the FER must be completed and sent to BPPS RTA no later than 2 months in advance of the GCF submission deadline to allow sufficient time for internal review/clearance that is required prior to submission. Therefore, the FER process must start no later than 8 months before the expected date of submission to the GCF. The entire IE process will be managed at the global level across the seven countries, with on-the-ground support provided at the CO level.

The terms of reference, the evaluation process and the final FER will follow the standard templates and guidance prepared by the UNDP for GCF-financed projects available on the UNDP Evaluation Resource Center.

The evaluation will be independent, impartial and rigorous. The evaluator(s) that UNDP will hire to undertake the assignment will be independent from organizations that were involved in designing, executing or advising on the project to be evaluated. Equally, the evaluators should not be in a position where there may be the possibility of future contracts regarding the project being evaluated.

The GCF NDA and other stakeholders will be involved and consulted during the final evaluation process. Additional quality assurance support is available from BPPS RTA and VF Programme Support, Oversight and Compliance Hub.

The final FER will be publicly available in English and posted on the UNDP ERC by 8 June 2031. A management response to the FER recommendations will be posted to the ERC within six weeks of the FER report's completion and submitted to the GCF Secretariat as per the AMA/FAA requirements.

Final Report:

The project's Project Completion Report along with the final evaluation report (FER) and corresponding management response will serve as the final project report package. The final project report package shall be discussed with the Project Board during an end-of-project review meeting to discuss lesson learned and opportunities for scaling up.

**Monitoring and Evaluations Plans:**
In accordance with UNDP's programming policies and procedures, the project will be monitored through the following monitoring and evaluation plans**.**

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Monitoring Plan**:** The project results, corresponding indicators and mid-term and end-of-project targets in the project results framework will be monitored by the Project Management Unit annually, and will be reported in the GCF APR every year, and will be evaluated periodically during project implementation. If baseline data for some of the results indicators is not yet available, it will be collected during the first year of project implementation. Project risks, as outlined in the risk register, will be monitored quarterly.

See Annex Q for the detailed Monitoring Activity Table.

| GCF Monitoring requirements | Frequency/ Timeframe | Expected Action | Primary responsibility | Partners (if joint) | Indicative costs to be charged to the Project Budget[18] (US$) |
|---|---|---|---|---|---|
| **Inception Workshop** | April-May 2026 | As per above description | Implementing Partner Project Manager (PM)/Coordinator/Chief Technical Advisor (CTA) | | *USD 10,000* |
| **Inception Report and baseline assessments** | *Inception Report: 8 June 2026 ( 6 months from Effective Date)*<br>*Baseline assessments: 8 December 2026 (12 months after the effective date)* | As per above description | PM/Coordinator/CTA | | *USD 49,500 (baseline assessment)* |
| **Risk management (including Quantum Risk Register)** | Quarterly | Risks are identified by Project Team and actions are taken to manage risk. The risk register is actively maintained to keep track of identified risks and actions taken | PM/Coordinator/CTA<br>Country Office | | None |
| **Monitoring of indicators in project results framework *(including hiring of external experts, project surveys, data analysis, data collection for IER and FER[19], etc.)***<br>***See Monitoring Activity Table in Annex Q*** | On-going | Slower than expected progress will be addressed by project management | PM/Coordinator/CTA | | *Total: USD 59,500 (USD 49,500 Impact assessment cost and field monitoring cost USD 10,000 )* |
| **GCF Annual Performance Report** | Annually as per FAA | Mandatory contribution by Project | RTA<br>UNDP Country Office[20]<br>PM/Coordinator/ CTA | | None |

[18] Excluding project team staff time and UNDP staff time and travel expenses.
[19] "IER and FER will be managed at the global level, and the related costs are budgeted under the global project.
[20] Or equivalent for regional or global project

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| GCF Monitoring requirements | Frequency/ Timeframe | Expected Action | Primary responsibility | Partners (if joint) | Indicative costs to be charged to the Project Budget[18] (US$) |
|---|---|---|---|---|---|
| | | Team, CO and BPPS RTA. Strengths and weaknesses to be reviewed by project management and used to inform decisions to improve project performance | | | |
| **Audit of Implementing Partner as per UNDP audit policies** | As per UNDP Audit policies | | UNDP Country Office | | *USD 52,800 (HACT and Spot check)* |
| **Lessons learned, case studies, and knowledge generation** | On-going | Relevant lessons are captured by project management and used to inform management decisions, raise awareness, etc. | Project Manager | | *USD 8,050 Local Consultant for Communication production (video and storytelling)* |
| **Monitoring of gender action plan** | On-going | | Project SES and Coordination Officer | | *USD 24,000* |
| **Monitoring of stakeholder engagement plan** | On-going | | Project Stakeholder Coordination Officer Project Manager | | *USD 15,500 (travel cost)* |
| **Addressing environmental and social grievances** | *Costs associated with missions, workshops, UNDP-BPPS expertise etc. can be charged to the project budget.* | | Project Manager UNDP Country Office UNDP-BPPS as needed | | *USD 17,850 (global technical expert support. Act. 3.1.1.1)* |
| **Project Board meetings** | At minimum annually | | Project Board UNDP Country Office Project Manager | | USD 12,000<br><br>(Per year: USD 2,400*)* |
| **Supervision missions** | Two per year | | UNDP Country Office | | None[21] |

[21] The costs of UNDP Country Office and BPPS's participation and time are charged to the GCF Agency Fee.

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| GCF Monitoring requirements | Frequency/ Timeframe | Expected Action | Primary responsibility | Partners (if joint) | Indicative costs to be charged to the Project Budget[18] (US$) |
|---|---|---|---|---|---|
| **Oversight missions** | Troubleshooting as needed | | RTA<br>UNDP BPPS | | None[22] |
| **GCF learning missions/site visits** | To be determined. | | UNDP Country Office and Project Manager and UNDP BPPS | | *USD 10,000* |
| **Oversight of IE process and IE management response** | As per IER schedule | | UNDP Country Office and UNDP BPPS | | None**Error! Bookmark not defined.** |
| **Project Completion Report** | March 2031 | Mandatory contribution by Project Team, CO and BPPS RTA. Strengths and weaknesses to be reviewed by project management and used to inform decisions to improve project performance | RTA<br>UNDP Country Office[23]<br>PM/Coordinator/ CTA | | *None* |
| **Translation of evaluation reports into English** | As required. GCF will only accept reports in English. | TE reports will be produced in English. | UNDP Country Office | | *None* |
| **Oversight of FE process and FE management response** | As per FER schedule | | UNDP | | None**Error! Bookmark not defined.** |
| **TOTAL indicative COST**<br>Excluding project team staff time, and UNDP staff and travel expenses | | | | | *USD 259,200 (1.96% of the total GCF grant)*<br><br>*Within the 1-2% of Total GCF grant NOT TOTAL budget* |

[22] The costs of UNDP Country Office and BPPS participation and time are charged to the GCF Agency Fee.
[23] Or equivalent for regional or global project

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**Evaluation Plan**

| GCF Evaluation Requirements | Partners (if joint) | Related Strategic Plan Output | UNSDCF/CPD Outcome | Submission Date to GCF | Key Evaluation Stakeholders | Cost and Source of Funding |
|---|---|---|---|---|---|---|
| Independent Interim Evaluation | N/A | C.5 and C.5.2 (Detail Ref. above result frameworks) | UNSDCF Outcome 3 CPD Output 3.4 (Detail Ref. above result frameworks) | By the IER submission date on cover page of this project document | NCDM, PCDM, DCDM, CCDM, MoWRAM, MoE, WFP, IFRC, UNDRR, ITU, WMO, RIME, Action Aids, PIN and local communities | *USD 30,000*<br><br>Charged to Fee budget |
| Independent Final Evaluation | N/A | C.5 and C.5.2 (Detail Ref. above result frameworks) | UNSDCF Outcome 3 CPD Output 3.4 (Detail Ref. above result frameworks) | By the FER submission date on cover page of this project document | NCDM, PCDM, DCDM, CCDM, MoWRAM, MoE, WFP, IFRC, UNDRR, ITU, WMO, RIME, Action Aids, PIN and local communities | *USD 40,000*<br><br>Charged to Fee budget |
| **TOTAL indicative COST** | | | | | | *USD 70,000*<br>*Around 1.0% of total GCF grant*<br>*Within the 1-2% of Total GCF grant*<br>*NOT TOTAL budget* |

## VII. GOVERNANCE AND MANAGEMENT ARRANGEMENTS

**Section 1: General roles and responsibilities in the projects' governance mechanism**

Implementing Partner: The Implementing Partner for this project is UNDP.

The Implementing Partner is the entity to which the UNDP Administrator has entrusted the implementation of UNDP assistance specified in this signed project document along with the assumption of full responsibility and accountability for the effective use of UNDP resources and the delivery of outputs, as set forth in this document.

The Implementing Partner is responsible for executing this project. Specific tasks include:

- Project planning, coordination, management, monitoring, evaluation and reporting. This includes providing all required information and data necessary for timely, comprehensive and evidence-based project

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reporting, including results and financial data, as necessary. The Implementing Partner will strive to ensure project-level M&E is undertaken by national institutes and is aligned with national systems so that the data used and generated by the project supports national systems.

- Overseeing the management of project risks as included in this project document and new risks that may emerge during project implementation.
- Procurement of goods and services, including human resources.
- Financial management, including overseeing financial expenditures against project budgets.
- Approving and signing the multiyear workplan.
- Approving and signing the combined delivery report at the end of the year; and,
- Signing the financial report or the funding authorization and certificate of expenditures.

Responsible Parties[24]:

A. **Government and UN agencies Partners:**

| No | Institution | Roles | Engagement Modality |
|---|---|---|---|
| 1 | **United Nations Office for Disaster Risk Reduction (UNDRR)** | Provides technical leadership for governance frameworks as the global lead for Pillar 1 of EW4AII, supporting policy development, institutional strengthening, and capacity building related to CamDi. Ref. Act: 2.1.1.1, 2.1.1.2, 2.1.1.3 | UN-to-UN agreement (the agreement will be engaged at global level with annexes of COs specific activities) |
| 2 | **International Telecommunication Union (ITU)** | Delivers specialised technical support for telecommunications infrastructure and warning dissemination systems as the global lead for Pillar 3, ensuring effective deployment of cellular broadcast technologies reaching all population segments. Ref. Act: 3.1.1.5, 3.1.2.1 | UN-to-UN agreement the agreement will be engaged at global level with annexes of COs specific activities) |
| | | | |
| | | | |
| 3 | **World Food Programme (WFP)** | Serves as EW4AII coordinator in Cambodia, providing technical expertise and stakeholder facilitation whilst leveraging extensive experience in community-based programming and vulnerability analysis, upgrading PRISM and data integration. Ref. Act: 1.1.1.1, 1.1.1.2, 1.1.1.3, 1.1.1.4, 3.3.3.1, 3.3.3.2,3.3.3.3, 3.3.3.4 | UN-to-UN agreement at CO level |
| 4 | **National Committee for Disaster Management (NCDM)** | In close collaboration with UNDP, NCDM leads national governance, coordination, and capacity strengthening for disaster risk management. Working with UNDP and WFP, it integrates PRISM with MoWRAM and MoE data and harmonizes PRISM–CamDi for improved loss and damage reporting. NCDM conducts capacity | LoA at CO level |

[24] Given that responsible parties play an execution role and are directly accountable to the implementing partner, responsible parties should never serve on the Project Board to avoid a conflict of interest.

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| | | | |
|---|---|---|---|
| | | building, updates contingency planning, upgrades CamDi and early warning systems, and leads gender-inclusive DRR and emergency hotline awareness campaigns.<br>Ref. Act: 2.1.1.1, 2.2.1.1,2.2.1.2,2.2.1.3, 3.2.1.1 | |
| 5 | **Ministry of Water Resources and Meteorology (MoWRAM)** | leads hydrological and meteorological data generation and forecasting to support integrated early warning and risk assessment. Collaborates with NCDM, UNDP, and WFP to link PRISM with national water datasets, strengthens flood and drought monitoring, institutionalises the Monsoon Forum, builds a training unit, advances long-term HR planning, and ensures ongoing coordination, mentoring, and staff development.<br>Ref. Act: 2.3.1.5 | LoA at CO level |
| 6 | **Ministry of Environment (MoE)** | Providing technical leadership to improve the availability of highly disaggregated climate hazard data and maintain the MoE CEMIS data portal, ensuring that CEMIS data supports the upgrading of PRISM as Cambodia's EW4AII national platform.<br>Ref. Act: 1.1.1.2 | LoA at CO level |
| 7 | **United Nations Development Progrmme (UNDP)** | Lead the coordination and governance output in close coordination with NCDM and WFP. In close consultation with relevant ministries and departments, develop, advocate and gain approval for an EW data-sharing protocol. Jointly with WFP lead on SRSP component.<br>Ref. Act: 1.1.1, 1.2.2, 1.3.1, 2.2.2.3, 2.3.1.1, 3.1.1.1-4 ,3.1.2.1-3,3.1.3.1 ,3.3.2.1 - 4,3.3.3.1 | DoA |

B. **Inter-governmental agencies and Local NGO Partnerships**

Inter-governmental agencies and Local NGO partnerships include formal agreements that recognise the expertise and legitimacy of community-based organisations, while providing resources and support to strengthen their capacity. The approach emphasises genuine collaboration based on mutual respect and shared decision-making.

Below are key NGO partners to be engaged through RPA:

| No. | Institutions | Roles | Engagement Modality |
|---|---|---|---|

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| | | | |
|---|---|---|---|
| 1 | **International Federation of Red Cross and Red Crescent Societies (IFRC)** | Leads community-based preparedness and response capacity building as the global lead for Pillar 4, providing technical oversight for Cambodian Red Cross activities.<br>Ref. Act: 1.2.1.1, 2.2.1.1, 3.1.1.5, 3.2.1.1, 3.3.1.1,3.3.2.1 | RPA (the RPA will be engaged at global level with annexes of COs specific activities) |
| 2 | **Regional Integrated Multi-Hazard Early Warning System (RIMES)** | Provides advanced technical support for meteorological and hydrological forecasting, including system maintenance, technology transfer, and capacity building, with a specific focus on developing customised forecasters' workstations for provincial-level implementation.<br>Ref. Act: 2.3.1.1, 2.3.1.2, 2.3.1.3, 2.3.1.4, 2.3.1.5 | RPA at CO level |
| 3 | People in Need (PIN) | As part of the feasibility study and proposal development stage, the NGO is a highly suitable partner because it brings proven, community-rooted leadership in strengthening Community-Based Early Warning Systems (CBEWS). The organization will build local capacity through targeted training, including developing Early Warning (EW) Champions and supporting locally appropriate communication strategies. It will also produce practical awareness materials, facilitate community workshops, and coordinate closely with local authorities, schools, and media to improve understanding of EWS1294, flood preparedness, and timely community response actions.<br>Ref. Act: 2.2.2.1, 3.1.2.3, 3.3.1.1 | RPA at CO level |
| 4 | Action Aid Cambodia (AAC) | During the feasibility study and proposal development stage, this NGO is a strong and strategic partner for strengthening community-based early warning systems, with a particular focus on GWLM. It will build the capacity of local stakeholders through targeted training, support day-to-day GWLM operations, and improve drought preparedness by developing Standard Operating Procedures (SOPs) and delivering mobile EWS refresher sessions. In parallel, the NGO advances inclusive resilience by establishing and training women-led groups to manage Water | RPA at CO level |

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| | | | |
|---|---|---|---|
| | | ATMs, enabling reliable access to safe drinking water through community-based operation and maintenance models and affordable, locally managed user-fee systems.<br>Ref. Act: 2.2.2.2, 3.3.1.1, 3.3.2.1 | |

Project stakeholders and target groups:
The Cambodia EW4AII project operates within a complex multi-stakeholder environment that reflects the country's unique governance structure and development priorities. The project directly supports implementation of Cambodia's National Action Plan on Disaster Risk Reduction (NAP-DRR) 2024-2028, particularly Strategic Priorities 1 (Understanding Disaster Risk) and 4 (Enhancing disaster preparedness for effective response and recovery).
The project's governance arrangements recognise the critical need to address persistent coordination challenges between Cambodia's 26 ministries, particularly between key agencies such as NDCM, MOWRAM, and the Ministry of Environment. To strengthen inter-ministerial collaboration, the project will **establish a collaborative Early Warning secretariat** that facilitates regular technical working groups and coordination meetings across all four EW4AII pillars.

A central element of the governance structure includes **a high-level donor and Royal Government of Cambodia meeting** designed to highlight strategic leverage points where financing can address remaining gaps in early warning and early action systems. This meeting will bring together major early warning-related donors, including multilateral development banks and bilateral partners, alongside relevant government ministries to develop a common strategy for supporting EW4AII infrastructure investments and operational costs.

The project governance also reflects Cambodia's commitment to strengthening data integration across existing platforms. The **upgraded PRISM platform serves as the national EW4AII platform**, integrating data from CamDi (damage and loss information), Ministry of Environment climate hazards data, Ministry of Social Affairs and Youth Rehabilitation (MoSVY) vulnerability data, and National Social Protection Council (NSPC) socio-economic information. This integration supports the development of increasingly disaggregated data, particularly regarding disability and gender-specific vulnerabilities, through a comprehensive data-sharing protocol.
Target groups engagement prioritises the most vulnerable communities, with particular attention to women, Indigenous groups, persons with disabilities, and communities in disaster-prone areas. The project governance ensures these groups' representation through the **National Committee for Disaster Management's role as Beneficiary Representative on the Project Board**, while community-level engagement is facilitated through **provincial and commune-level Early Warning workshops** coordinated by local authorities.

This governance approach acknowledges Cambodia's institutional landscape whilst fostering the collaborative, inclusive coordination essential for effective early warning systems that serve all Cambodians, particularly those most at risk from climate-related disaster

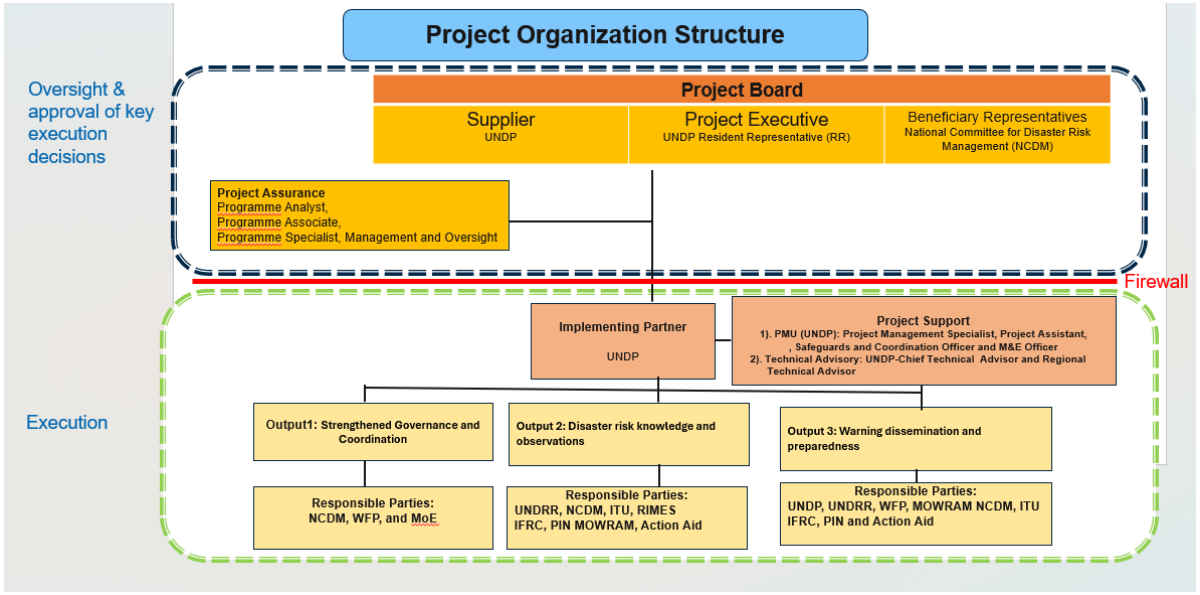
UNDP: UNDP is accountable to the GCF for the implementation of this project. This includes overseeing project execution undertaken by the Implementing Partner to ensure that the project is being carried out in accordance with UNDP and GCF policies and procedures and the standards and provisions outlined in the Delegation of Authority (DOA) letter for this project. **The UNDP BPPS Executive Coordinator, in consultation with UNDP Regional Bureaus and the Implementing Partner, retains the right to revoke the project DOA, suspend or cancel this GCF project.** UNDP is responsible for the Project Assurance function in the project governance structure and presents to the Project Board and attends Project Board meetings as a non-voting member.

A strict firewall will be maintained between the delivery of project oversight and quality assurance performed by UNDP and project execution undertaken by UNDP. The segregation of functions and firewall provisions within UNDP in this case is described in the next section.

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**Section 2: Project governance structure**




**First line of defense**

- UNDP roles as Implementing Partner cannot be (and cannot report to) UNDP staff providing project assurance or providing programmatic oversight support to the RR

**Second line of defense**

- Regional Bureau oversees RR and Country Office compliance at portfolio level
- BPPS RTA oversees technical quality assurance and GEF compliance. BBPS NCE PTA oversees RTA function.
- UNDP GEF Executive Coordinator and Regional Bureau Deputy Director can revoke DOA/cancel/suspend project or provide enhanced oversight

The UNDP Resident Representative assumes full responsibility and accountability for oversight and quality assurance of this Project and ensures its timely implementation in compliance with the GCF-specific requirements and UNDP's Programme and Operations Policies and Procedures (POPP), its Financial Regulations and Rules and Internal Control Framework. A representative of the UNDP Country Office will assume the assurance role and will present assurance findings to the Project Board and therefore attends Project Board meetings as a non-voting member.

**Section 3: Segregation of duties and firewalls vis-à-vis UNDP representation on the project board:**

UNDP's implementation oversight role in the project – as represented in the project board and via the project assurance function – is performed by UNDP Resident Representative (RR), Programme Analyst and Programme Specialist, Management and Oversight. UNDP's execution role in the project is performed by Project Manager, M&E Officer, Safeguards and Coordination Officer and Project Assistant. The Project Manager will report to NCE shift lead while M&E Officer, Safeguards and Coordination Officer and Project Assistant will report to the Project Manager. The EW4ALL Pillar leads, Chief Technical Advisor and Regional Technical Advisor will serve as the project technical support.

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**Section 4: Roles and Responsiblities of the Project Organization Strucutre:**

**a) Project Board:** All UNDP projects must be governed by a multi-stakeholder board or committee established to review performance based on monitoring and evaluation, and implementation issues to ensure quality delivery of results. The Project Board (also called the Project Steering Committee) is the most senior, dedicated oversight body for a project.

The two prominent (mandatory) roles of the project board are as follows:

1) **High-level oversight of the execution of the project by the Implementing Partner** (as explained in the "Provide Oversight" section of the POPP). This is the primary function of the project board and includes annual (and as-needed) assessments of any major risks to the project, and decisions/agreements on any management actions or remedial measures to address them effectively. The Project Board reviews evidence of project performance based on monitoring, evaluation and reporting, including progress reports, evaluations, risk register and the combined delivery report. The Project Board is the main body responsible for taking corrective action as needed to ensure the project achieves the desired results.
2) **Approval of strategic project execution decisions of the Implementing Partner** with a view to assess and manage risks, monitor and ensure the overall achievement of projected results and impacts and ensure long term sustainability of project execution decisions of the Implementing Partner (as explained in the "Manage Change" section of the POPP).

**Requirements to serve on the Project Board**:

- ✓ Agree to the Terms of Reference of the Board and the rules on protocols, quorum and minuting.
- ✓ Meet annually; at least once.
- ✓ Disclose any conflict of interest in performing the functions of a Project Board member (if not avoidable) and take all measures to avoid any real or perceived conflicts of interest. This disclosure must be documented and kept on record by UNDP.
- ✓ Discharge the functions of the Project Board in accordance with UNDP policies and procedures.
- ✓ Ensure highest levels of transparency and ensure Project Board meeting minutes are recorded and shared with project stakeholders.

**Responsibilities of the Project Board**:

- ✓ Consensus decision making:
  - The project board provides overall guidance and direction to the project, ensuring it remains within any specified constraints, and provides overall oversight of the project implementation.
  - Review project performance based on monitoring, evaluation and reporting, including progress reports, risk register and the combined delivery report;
  - The project board is responsible for making management decisions by consensus.
  - In order to ensure UNDP's ultimate accountability, Project Board decisions should be made in accordance with standards that shall ensure management for development results, best value money, fairness, integrity, transparency and effective international competition.
  - In case consensus cannot be reached within the Board, the UNDP representative on the board will mediate to find consensus and, if this cannot be found, will take the final decision to ensure project implementation is not unduly delayed.

- ✓ Oversee project execution:
  - Agree on project manager's tolerances as required, within the parameters outlined in the project document, and provide direction and advice for exceptional situations when the project manager's tolerances are exceeded.
  - Appraise annual work plans prepared by the Implementing Partner for the Project; review combined delivery reports prior to certification by the implementing partner.
  - Address any high-level project issues as raised by the project manager and project assurance;

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- Advise on major and minor amendments to the project within the parameters set by UNDP and the donor and refer such proposed major and minor amendments to the UNDP BPPS/VF Executive Coordinator (and the GCF Secretariat and/or GCF Board, as required by GCF policies);Provide high-level direction and recommendations to the project management unit to ensure that the agreed deliverables are produced satisfactorily and according to plans.
- Track and monitor co-financed activities and realisation of co-financing amounts of this project.
- Approve the Inception Report, Baseline Report, GCF APRs, Interim Independent Evaluation and terminal evaluation reports, other reports that GCF may require.
- Ensure commitment of human resources to support project implementation, arbitrating any issues within the project.

✓ Risk Management:

- Provide guidance on evolving or materialized project risks and agree on possible mitigation and management actions to address specific risks.
- Review and update the project risk register and associated management plans based on the information prepared by the Implementing Partner. This includes risks related that can be directly managed by this project, as well as contextual risks that may affect project delivery or continued UNDP compliance and reputation but are outside of the control of the project. For example, social and environmental risks associated with co-financed activities or activities taking place in the project's area of influence that have implications for the project.
- Address project-level grievances.

✓ Coordination:

- Ensure coordination between various donor and government-funded projects and programmes.
- Ensure coordination with various government agencies and their participation in project activities.

**Composition of the Project Board**: The composition of the Project Board must include individuals assigned to the following three roles:

1. **Project Executive:** This is an individual who represents ownership of the project and chairs (or co-chairs) the Project Board. The Executive usually is the senior national counterpart for nationally implemented projects (typically from the same entity as the Implementing Partner), and it must be UNDP for projects that are direct implementation (DIM). In exceptional cases, two individuals from different entities can co-share this role and/or co-chair the Project Board. If the project executive co-chairs the project board with representatives of another category, it typically does so with a development partner representative. The Project Executive is: **Resident Representative, UNDP Cambodia.**
2. **Beneficiary Representative(s):** Individuals or groups representing the interests of those groups of stakeholders who will ultimately benefit from the project. Their primary function within the board is to ensure the realization of project results from the perspective of project beneficiaries. Often representatives from civil society, industry associations, or other government entities benefiting from the project can fulfil this role. There can be multiple beneficiary representatives in a Project Board. The Beneficiary representative (s) is/are: Second Vice President and Secretary General of National Committee for Disaster Management.

**3. Development Partner(s):** Individuals or groups representing the interests of the parties concerned that provide funding, strategic guidance and/or technical expertise to the project. The Development Partner(s) is/are: UNDP

b) **Project Assurance:** Project assurance is the responsibility of each project board member; however, UNDP has a distinct assurance role for all UNDP projects in carrying out objective and independent project oversight and monitoring functions. UNDP performs quality assurance and supports the Project Board (and Project Management Unit) by carrying out objective and independent project oversight and monitoring functions, including applying and ensuring compliance with UNDP's risk management and social and environmental management systems to ensure the SES are applied through the project cycle. The Project Board cannot

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delegate any of its quality assurance responsibilities to the Project Manager. Project assurance is totally independent of project execution.

A designated representative of UNDP playing the project assurance role is expected to attend all board meetings and support board processes as a non-voting representative. It should be noted that while in certain cases UNDP's project assurance role across the project may encompass activities happening at several levels (e.g. global, regional), at least one UNDP representative playing that function must, as part of their duties, specifically attend board meeting and provide board members with the required documentation required to perform their duties. The UNDP representative playing the main project assurance function is/are:
**Programme Analyst**.

c) **Project Management – Execution of the Project:** The Project Manager (PM) (also called project coordinator) is the senior most representative of the Project Management Unit (PMU) and is responsible for the overall day-to-day management of the project on behalf of the Implementing Partner, including the mobilization of all project inputs, supervision over project staff, responsible parties, consultants and sub-contractors. The project manager typically presents key deliverables and documents to the board for review and approval, including progress reports, annual work plans, adjustments to tolerance levels and risk registers.

A designated representative of the PMU is expected to attend all board meetings and support board processes as a non-voting representative.

The primary PMU representative attending board meetings is: Project Manager

## VIII. FINANCIAL PLANNING AND MANAGEMENT

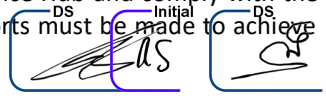
The total cost of the project is USD 13,268,000. This is financed through a GCF grant of USD 13,218,000 and USD 50,000 in kind contribution to be administered by UNDP. UNDP is responsible for the oversight of implementation of the Funded Activity, including those activities and outcomes supported by GCF resources and through co-financing.

Co-finance disbursement monitoring: The actual realization (materialization) of project co-financing will be monitored and reported (i) in each Annual Performance Report (APR), (ii) in the Interim Evaluation, (iii) in the Terminal Evaluation, (iv) in the Project Completion Report, (v) as a condition precedent for all requests for disbursement, within the timeframe to ensure timely requests for disbursements and in form and substance satisfactory to the GCF, and (vi) upon the request of GCF. Signed letters from co-financiers will be requested for (i) and (v) to confirm the amounts that have materialized for the respective calendar year or implementation year.

Co-financing will be used for the following project outputs:

| Co-financing source | Co-financing type/financial instrument | Name of Co-financier | Investment Mobilized | Co-financing amount | Co-financing Outputs |
|---|---|---|---|---|---|
| UN Agency | In kind | UNDP Cambodia Country Office | Recurrent expenditures | USD 50,000 | Project management, office space, technical advisory and operational support by the Country Office to the project |

GCF Disbursement schedule: GCF grant funds will be disbursed by GCF upon submission of the Request for Disbursement (RfD) to GCF according to the indicative disbursement schedule (submitted to GCF as a condition for FAA effectiveness) and upon meeting all conditions precedent to disbursement. The Country Office will submit an annual work plan to the UNDP BPPS/VF Programme Support, Oversight and Compliance Hub and comply with the GCF milestones in order for the next tranche of project funds to be released. All efforts must be made to achieve



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80% delivery annually to accomplish the expected outputs/activities on a timely manner, within the planned duration to avoid extension of the project.

***Indicative Disbursement Schedule (Ref. Approved FAA):***

| Year | GCF Disbursement (USD) | Percentage of Total |
|---|---|---|
| Year 1 | 3,907,489 | 30% |
| Year 2 | 4,330,141 | 33% |
| Year 3 | 2,914,733 | 22% |
| Year 4 | 1,125,903 | 9% |
| Year 5 | 939,734 | 7% |
| **Total** | **13,218,000.00** | **100.0%** |

Conditions Precedent for Disbursement: The Government/Implementing Partner is aware of the conditions and covenants of disbursement ascribed to the first and subsequent tranches of the GCF funding, as further set out below. To the extent that these obligations reflect actions of the Government, the Government must ensure that the conditions are met and there is continuing compliance, as well as understanding that availability of GCF funding is contingent on meeting all conditions listed. The UNDP-BPPS unit will conduct a compliance review the FAA conditions precedent and covenants to disbursement as a part of the internal clearance procedures for submitting request for disbursements to the GCF.

**Ref. FAA: Clause 9. Conditions Precedent to Disbursement**

9.01 The obligation of the Fund to make any Disbursements under this Agreement shall be subject to the following conditions having been fulfilled to the satisfaction, in form and substance, of the Fund:

**(a) Conditions precedent to first Disbursement:**

(i) Effectiveness of this Agreement;

(ii) Delivery to the Fund by the Accredited Entity of a certificate, issued by an authorized officer of the Accredited Entity, in a form and substance satisfactory to the Fund, confirming that the Co-financing to be provided by the Accredited Entity has been duly approved by all necessary corporate actions of the Accredited Entity;

(iii) Delivery to the Fund by the Accredited Entity of a certificate, issued by an authorized officer of each of the Co-financiers, which is addressed to the Accredited Entity, in a form and substance satisfactory to the Fund, confirming that the Co-financing to be provided by the relevant Cofinancier for the implementation of the Funded Activity has been (i) duly authorized by all necessary corporate or governmental actions of the relevant Co-financier; and, where applicable, (ii) confirmed through duly executed Co-financing Agreements; Delivery to the Fund by the Accredited Entity of an executed copy of the Project Document;

(v) Delivery to the Fund by the Accredited Entity of evidence of the authority of the person or persons authorized to sign each Request for Disbursement (with respect to the GCF Proceeds and the Accredited Entity Fees) under this Agreement, unless otherwise notified by the Accredited Entity, and the authenticated specimen signature of each such person;

(vi) Delivery to the Fund by the Accredited Entity of the Eligibility Criteria;

(vii) Delivery to the Fund by the Accredited Entity of a brief summary that clearly explains how the Eligibility Criteria will be applied in the selection of investments, project sites, and beneficiaries to be supported by GCF Proceeds for each of the Host Countries. The summary will also clarify any changes in approach across particular country contexts and with the overall multi-country Funding Proposal;

(viii) Delivery to the Fund by the Accredited Entity of the Operations Manual duly finalized by the Accredited Entity; and

(ix) Delivery to the Fund by the Accredited Entity, a brief note confirming the institutional set-up for Output 2 in each of the Host Countries, as well as the levels of representation of country participants in the multilevel governance mechanism under Output 1.

**(b) Condition precedent to second Disbursement:**



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(i) Delivery to the Fund by the Accredited Entity, a brief note outlining the overall financial sustainability plan for the Programme, including how this will be approached in each of the Host Countries.

**(c) General conditions for all Disbursements:**

(i) Other than in relation to the first Disbursement, submission to the Fund by the Accredited Entity of evidence that at least seventy per cent (70%) of the funds previously disbursed by the Fund have been spent on Eligible Expenditures;

(ii) Other than in relation to the first Disbursement, submission to the Fund by the Accredited Entity of APRs and Financial Information (including in relation to country level activities and expenditures) in accordance with the AMA and this Agreement; and

(iii) Delivery to the Fund by the Accredited Entity of a Request for Disbursement, signed by the person or persons authorized to do so, no later than thirty (30) calendar days prior to the date on which the Disbursement is requested to be made, which shall not be later than the Closing Date.

9.02 If within one hundred and twenty (120) calendar days from the Effective Date, or such longer period established by the Fund in writing, the conditions precedent for the first Disbursement established in Clause 9.01 have not been fulfilled, the Fund may terminate this Agreement by giving notice to the Accredited Entity.

9.03 If thirty (30) days prior to the Closing Date, the Accredited Entity has not requested the Disbursement of the full amount of the GCF Proceeds, or the Fund has not otherwise disbursed the full amount of the GCF Proceeds, GCF shall be entitled to cancel the undisbursed portion of the GCF Proceeds.

**Clause 10. Additional Representations, Warranties and Covenants of the Accredited Entity**

**10.01 In addition to clause 18.01 of the AMA, the Accredited Entity represents and warrants that:**

(a) On the date of the execution of this Agreement, the Effective Date and the date of each Disbursement made by the GCF under this Agreement, the Accredited Entity has duly executed this Agreement, and that this Agreement is legally binding on, and enforceable against it in accordance with its governing law;

(b) On the date of the execution of this Agreement, the Effective Date and the date of each Disbursement made by the GCF under this Agreement, the Accredited Entity is duly authorized and has the capacity to enter into this Agreement and has duly executed and delivered this Agreement;

(c) On the date of execution of this Agreement, the Effective Date and on the date of each Disbursement made by the Fund under this Agreement, the Accredited Entity has carried out all due diligence as necessary to ensure that the Funded Activity is at all times in compliance with its own gender policy, indigenous peoples policy and any other relevant UNDP policies;

(d) On the date of the execution of this Agreement and the date of each Disbursement made by the Fund under this Agreement, there are no circumstances of which the Accredited Entity is aware, including through its oversight of the Funded Activity as per the obligations of this Agreement, the AMA and UNDP's own policies and practices, that may substantially interfere with the performance of its obligations under this Agreement, the AMA or with the implementation of the Funded Activity, or otherwise jeopardize the achievements of any objectives, outcomes or outputs of the Funded Activity;

(e) On the date of the first Disbursement by the Fund under this Agreement and throughout the term of this Agreement, the Project Document remains in effect;

(f) On the date of each Disbursement by the Fund under this Agreement, no Event of Default has occurred and is continuing under this Agreement;

(g) On the date of execution of this Agreement, the Effective Date and on the date of each Disbursement made by the Fund under this Agreement, the Accredited Entity has carried out all due diligence as necessary to ensure that the Funded Activity is at all times in compliance with the requirements of clause 4.05(b)(ii)(B) of the AMA.

**10.02 In addition to clause 18.02 of the AMA, the Accredited Entity covenants that as from the Effective Date of this Agreement it shall:**

Project Implementation

(a) Apply, in accordance with its own policies and procedures, its own fiduciary principles and standards relating to AML/CFT in the implementation of the Funded Activity;

(b) Conduct baseline assessments for the Funded Activity and deliver the baseline assessments and the revised logical framework with appropriate modifications in the targets for GCF supplementary indicators to the Fund within twelve (12) months of the Effective Date;

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(c) Ensure that the Final Beneficiaries under the Programme, the Programme implementation areas and eligible interventions of the Programme are selected and approved in accordance with the Eligibility Criteria;

(d) Finalize an Operations Manual (to be provided to the Fund pursuant to Clause 9.01(a)(viii) above) which, among others, shall include the following content:

(i) Eligibility Criteria;

(ii) Description of the implementation and governance arrangements for the Programme, including the Terms of Reference of the Project Board or Project Steering Committee;

(iii) Description of the proposed operations and maintenance provisions for the construction and/or installation of the Multi-Hazard Early Warning Systems (MHEWS) infrastructure and equipment under the Programme;

(iv) Description of the criteria and process through which the Accredited Entity is to define the situation of insecurity that could hamper Programme implementation; and

(v) Criteria to be used to identify alternative areas of intervention in case of insecurity in any project site;

(e) Prior to its finalization, deliver a copy of the draft Operations Manual for the review and non-objection by the Fund;

(f) Not amend any section of the Operations Manual related to the content listed under Clause 10.02(d) above, except with the prior written no-objection of the Fund. Without prejudice to the foregoing, in case of any amendments are made to the Operations Manual, the Accredited Entity shall provide a copy of the amended Operations Manual within five (5) calendar days of its amendment;

**Co-financing Provisions**

(g) Upon request by the Fund, inform the Fund on the status of the Co-financing funds that have been disbursed and applied to the implementation of the Funded Activity;

(h) Confirm to the Fund, in the APRs to be submitted to the Fund, that each Cofinancier has allocated in its annual budget the relevant Co-financing resources for the implementation of the Programme to the satisfaction of the Accredited Entity;

(i) Inform the Fund, in the APRs to be submitted in accordance with the AMA, on the status of the Co-financing resources that have been disbursed and applied to the implementation of the Funded Activity;

(j) Ensure that the Co-financing provided by the Co-financiers for the execution of the Funded Activity is obtained from and contributed by each Co-financier in a timely manner;

(k) Ensure that the Co-financing provided by the Accredited Entity for the execution of the Funded Activity is contributed by the Accredited Entity in a timely manner;

(l) Take appropriate measures to ensure that the Co-financing and the GCF Proceeds are disbursed and/or applied for the implementation of the Funded Activity in accordance with the Implementation Plan;

**ESS Provisions**

(m) Promptly inform the Fund if there are any material and adverse changes to the risk assessment in the Social and Environmental Screening Procedure, as approved within the original Funding Proposal package, due to changing external contexts and/or existence of new emergent risks including security and conflicts. In such cases, the Accredited Entity shall submit to the Fund new and/or adapted management measures, as applicable;

(n) Ensure that the infrastructure to be implemented as part of the Funded Activity

(i) are designed, constructed, operated and decommissioned in accordance with good industry practices and any other applicable standards which, in each case, shall be consistent with the practices of other international organizations working in the region, and taking into consideration health and safety risks to third parties or affected communities; and (ii) the quality of such infrastructure is in accordance with best practices followed by international organizations in the region;

(o) Undertake and/or put in place any adequate measures in order to ensure that the management of the environmental and social risks and impacts arising from the Funded Activity complies at all times the recommendations, requirements and procedures set forth in the Environmental and Social Management

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Framework ("ESMF"), which was provided by the Accredited Entity to the Fund before the Approval Decision and which shall not be amended, abrogated or waived without prior written approval of the Fund. This includes putting in place measures, including with respect to the Accredited Entity's grievance redress mechanisms, to prevent and respond to the conducts described in clause 18.02(k) of the AMA, for adherence to the relevant principles and requirements included in the ESMF;

(p) Ensure that the GCF Proceeds will not support or finance, directly or indirectly, any activities with potential environmental and social risks that are equivalent to category A or B pursuant to the Environmental and Social Risks Categories to be conducted as part of the Programme;

(q) Undertake and/or put in place all adequate measures and dedicate the necessary financial, human and other resources in order to ensure that the Funded Activity complies at all times with the recommendations and requirements of the Gender Action Plan, which shall comply with the Accredited Entity's own gender policy, which is equivalent to the GCF's Updated Gender Policy, and the Gender Action Plan shall not be amended, abrogated or waived without prior written approval of the Fund;

(r) Obtain all land and rights in respect of land that are required to carry out the Funded Activity and shall promptly furnish to the Fund, upon its request, evidence that such land and rights in respect of the land are available for the purposes of the Funded Activity;

(s) Prior to commencing any activities that have potential application of the Accredited Entity's Social and Environmental Standards (2021 version) including Standard 6 titled "Indigenous Peoples", and its Guidance Note on Standard 6 titled "Indigenous Peoples" (February 2021 version), furnish to the GCF, the Indigenous Peoples Plan or its equivalent and evidence that free, prior and informed consent from the indigenous peoples and communities has been obtained for the purposes of the relevant activities**;**

**Monitoring; Reporting; Evaluation**

(t) In case any amendment or modification is entered to or otherwise agreed by the Accredited Entity with respect to the Project Document, inform of such event and furnish to the Fund the executed copies of such amendment or modification within ten (10) days from its execution. For the avoidance of doubt, the Accredited Entity shall ensure that such amendment or modification does not contravene the terms and conditions provided in this Agreement and the AMA;

(u) From Year 2 of Programme implementation, provide to the Fund within the fourth quarter of every calendar year, a brief Note To File (not more than 2 pages), in a form and substance satisfactory to the Fund, to inform the Fund on the Programme's status of implementation across each Host Country; and

(v) In case of a change of the authorized representative to sign the Request for Disbursement, provide, together with the Request for Disbursement, evidence, satisfactory to the Fund, of the authority of such person to sign the Request for Disbursement and the relevant authenticated specimen signature of such person.

10.03 Pursuant to clause 23.04 of the AMA, the Accredited Entity shall inform the Fund in the final APR and consult with the Fund on the steps to be taken in relation to the durable assets and/or equipment purchased with the GCF Proceeds to implement the Funded Activity, provided that nothing herein shall in any way be construed to limit the rights of UNDP to take such steps as it reasonably deems in the best interest of the continued operation of the Funded Activity taking into consideration the objectives of the GCF and the terms of the applicable SBAA, and in accordance with its policies and procedures.

Budget Revision and Tolerance:

Any reallocation of the GCF grant among the outputs that result in a variation of more than [10%] of the GCF agreed budget for that output must be approved by the GCF in advance *(Ref. FAA: Clause 6. Administration of Grant by the Accredited Entity under 6.01).*

Any increase in the amount allocated to project management costs must be communicated by the Accredited Entity to the Fund and approved in writing by the Fund in advance.

Any budget reallocation involving a major change in the project's scope, structure, design or objectives or any other change that substantially alters the purpose or benefit of the project requires UNDP BPPS internal review/clearance

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and the GCF's prior written consent. All minor and major changes shall be duly documented in a Note to File and submitted to BPPS for prior to their implementation.

As per UNDP requirements outlined in the UNDP POPP, the project board will agree on a budget tolerance level for each plan under the overall annual work plan allowing the Project Management to expend up to the tolerance level beyond the approved project budget amount for the year without requiring a revision from the Project Board (within the GCF requirements noted above). Should such deviation occur, the Project Management Specialist and UNDP Country office will seek the approval of the UNDP-BPPS team.

UNDP is not in a position to increase the total budget above the amount approved by the donor; therefore, any over-expenditure would have to be absorbed from non-GCF resources by the Implementing Partner (GCF Executing Entity)

Project Specific Conditions: Under DIM, UNDP hereby expressly agrees, and shall ensure that each of its Responsible Parties, their respective sub-recipients and other entities involved in Project Implementation, either as contractors or subcontractors and any individuals performing services for them under the Project Document agrees, to comply with the Project Specific Conditions, Representation, Warranties and Covenants, in each case as set out in Annex A of this Project Document. Non-compliance with these Project Specific Conditions, Representations, Warranties and Covenants shall be deemed to constitute a breach by UNDP of its obligations under this Project Document.

Project extensions**:** Any project milestones with deadlines indicated in the signed FAA (including GCF closing date and completion date) **cannot be extended unless through a formal extension request submitted and approved by the GCF** as per the GCF policy on cancellation and restructuring. The UNDP-BPPS Executive Coordinator must approve all requests for extension of the Project Completion & Closing Date and other milestone extensions with hard deadlines, before they are submitted to the GCF. All extensions impose additional time and cost burdens at all levels and the GCF project budget cannot be increased beyond its originally approved amount. Extensions are unfunded by the GCF and UNDP. A single extension may be granted **on an exceptional basis** and subject to the conditions and maximum durations set out in the UNDP POPP. The project management costs during the extension period must remain within the originally approved amount, and any increase in PMC costs shall be covered by non-GCF resources; the additional UNDP oversight costs during the extension period must be covered by non-GCF resources, in accordance UNDP's policy as set out in UNDP POPP.

For any extension request, UNDP CO and IP will consult and jointly present a clear plan indicating how and from which specific sources the additional oversight costs that will be incurred by UNDP will be covered during the extended period. The BPPS Executive Coordinator shall consult the Regional Bureaux (RBX) and may reject the extension request if no external (non-GCF) financing by the IP or internal UNDP CO resources for the additional oversight cost of UNDP can be identified.

All extension requests, along with all supporting documentation, shall be submitted by the IP to the UNDP CO in line with the requirements and within the deadlines set out in the UNDP SOPs and policies in UNDP POPP.

**Audit**: The project will be audited as per UNDP Financial Regulations and Rules and applicable audit policies. Audit cycle and process must be discussed during the Inception workshop. If the Implementing Partner is an UN Agency, the project will be audited according to that Agencies applicable audit policies. The costs for audit must be included under PMC.

**Transfer or disposal of assets**: In consultation with the NIM Implementing Partner and other parties of the project, UNDP is responsible for deciding on the transfer or other disposal of assets. Transfer or disposal of assets is recommended to be reviewed and endorsed by the project board following UNDP rules and regulations. Assets may be transferred to the government for project activities managed by a national institution at any time during the life of a project, however it **must be done before the operational closure date**. In all cases of transfer, a transfer



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document must be prepared and kept on file[25]. The transfer should be done before Project management Unit complete their assignments.

In addition, the following GCF requirements must be followed: As stated in the Funding Activity Agreement (refer to the Annex for the relevant FAA clauses), the Accredited Entity shall inform the GCF, in the final Annual Progress Report (APR), which steps it intends to take in relation to the durable assets and/or equipment purchased with the GCF Proceeds to implement the Funded Activity.

**Closing Date (GCF term)**: The closing date is defined in the signed FAA to be the date which is four (4) years after the Effective Date (or such later date as the Fund shall establish by notice to the Accredited Entity), on which the Accredited Entity's right to receive GCF Proceeds to the GCF Account in respect of the Funded Activity will have terminated. The project closure date is identified in the signed FAA.

**Project completion (GCF term)**: The project completion date is the date of FAA effectiveness plus project duration. This date can only be extended through a formal extension request to the GCF Secretariat. Prior to the completion date, all UNDP-financed inputs must be provided and related activities for the Project completed. No activities, except for the final clearance of the Terminal Evaluation Report and the corresponding management response and the end-of-project review Project Board Meeting should take place after the Completion Date.

Project completion will be conducted as per UNDP requirements outlined in the UNDP POPP and in accordance with the GCF-approved and agreed Project Calendar/Milestones in the FAA, as follows:

**Project Calendar/Milestones (FAA Schedule 4, Para B):**

The APAs, Financial Information, audited and unaudited financial statements shall be submitted as set out in the AMA within the Reporting Period.

| **Milestones** | **Timing** |
|---|---|
| Start of Programme Implementation | Effective Date (8th December 2025) |
| Inception Report | Within six (6) months after the Effective Date |
| Baseline Assessments | Within Twelve (12) months in the Host Countries after the Effective Date |
| Independent Interim Evaluation Report | Within two (2) years and nine (9) months after the Effective Date |
| End of Project Implementation | Completion Date |
| Project Completion Report (Final APR) | Within three (3) months after the Completion Date |
| Independent Final Evaluation Report | Within six (6) months after the Completion Date |

**Project closure (UNDP term)**: Project closure will be conducted as per UNDP requirements outlined in the UNDP POPP. All costs incurred to close the project must be included in the project closure budget and reported as final project commitments presented to the Project Board during the final project review. The only costs a project may incur following the final project review are those included in the project closure budget.

- **Operational closure**: **Operational closure must happen 9 months after the Completion Date as per the deadlines set in the FAA**. Prior to operational closure, the Final Evaluation Report must have been

[25] See https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PRM_Project%20Management_Closing.docx&action=default.

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submitted and the corresponding FER management response and the end-of-project review Project Board meeting must have been completed. The Implementing Partner through a Project Board decision will notify the UNDP Country Office when operational closure has been completed. Before Operational Closure, the project must have completed the transfer or disposal of any equipment that is still the property of UNDP (refer to **Transfer or disposal of assets** paragraph).

- **Financial closure**: **Financial closure must happen within 6 months of operational closure or after the date of cancellation.** The project is financially closed when the following conditions are met: a) project is operationally completed or has been cancelled; b) Implementing Partner has reported all financial transactions to UNDP; c) UNDP has closed the accounts for the project; d) UNDP and the Implementing Partner have certified a final Combined Delivery Report (which serves as final budget revision).
  Between operational and financial closure, the implementing partner will identify and settle all financial obligations and prepare a final expenditure report. The UNDP Country Office will send the final signed closure documents including confirmation of final cumulative expenditure and unspent balance to the UNDP-BPPS/VF Programme Support, Oversight and Compliance Hub for confirmation before the project will be financially closed in Quantum by the UNDP Country Office.

**Cancellation and Suspension:** All projects considering going through cancellation or suspension must follow UNDP and GCF requirements. Guidance can be found in the UNDP POPP (SOPs for management actions of Vertical Fund projects escalated to the Executive Coordinator and the GCF policy on restructuring and cancellation).

**Refund to GCF**: Should a refund of unspent funds to the GCF be necessary, this will be managed directly by the UNDP-BPPS VF Directorate in New York. No action is required by the UNDP Country Office on the actual refund from UNDP project to the GCF. Unspent project balance is not permitted to be transferred to any other projects.



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# IX. TOTAL BUDGET AND WORK PLAN

**Total Budget and Work Plan**

| | | | |
|---|---|---|---|
| **PIMS ID** | **10408** | **Quantum Business Unit** | **KHM10** |
| **Quantum Project ID** | **01005368** | **Quantum Project Title** | **PIMS-10408 Cambodia Early Warning for All Initiative (EW4All-Cambodia)** |
| **Quantum Award ID** | **1542421** | **Quantum Award Title** | **PIMS-9717 Multi-country Project Advancing Early Warnings for All (EW4All)** |
| **Implementing Partner** | **UNDP** | | |

**Budget breakdown by RPs**

| Outcome | Output | Activity | Responsible Party | Resource | Donor Number | Fund Code | 2026 | 2027 | 2028 | 2029 | 2030 | Grand Total | Budget Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Otucome2: End-to-end EWS that is inclusive and builds community resilience to climate hazards.** | Output2: Accelerating Actions in select countries towards EW4All-Cambodia | **Activity2.1 : Strengthened Governance and Coordination_IFRC** | **018257-International Federation of Red Cross and Red Crescent Societies (IFRC)** | 71200 - International Consultants | **012526** | 66000 | 5,880.00 | 6,160.00 | 3,920.00 | 6,160.00 | 5,880.00 | 28,000.00 | 1Z |
| | | | | 71600 - Travel | **012526** | 66000 | 3,480.00 | 2,465.00 | 1,885.00 | 3,335.00 | 3,335.00 | 14,500.00 | 1BB |
| | | | | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | 7,000.00 | 5,950.00 | 5,250.00 | 8,400.00 | 8,400.00 | 35,000.00 | 1CC |
| | | | | 72200 - Equipment and Furniture | **012526** | 66000 | | 1,485.00 | 495.00 | 1,260.00 | 1,260.00 | 4,500.00 | 1DD |
| | | | | 74200 - Audio | **012526** | 66000 | 4,995.00 | 4,070.00 | 2,035.00 | 3,700.00 | 3,700.00 | 18,500.00 | 1FF |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Visual&Print Prod Costs | | | | | | | | | |
| | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 7,920.00 | | 1,980.00 | 4,140.00 | 3,960.00 | 18,000.00 | 1GG |
| | | 71300 - Local Consultants | **012526** | 66000 | 5,060.00 | 2,990.00 | 2,990.00 | 5,980.00 | 5,980.00 | 23,000.00 | 1AA |
| | | 74100 - Professional Services | **012526** | 66000 | 2,040.00 | 1,445.00 | 1,020.00 | 2,040.00 | 1,955.00 | 8,500.00 | 1EE |
| **Activity2.1 : Strengthened Governance and Coordination_IFRC Total** | | | | | **36,375.00** | **24,565.00** | **19,575.00** | **35,015.00** | **34,470.00** | **150,000.00** | |
| **Activity2.1 : Strengthened Governance and Coordination_WFP** | **002065-World Food Programme** | 71200 - International Consultants | **012526** | 66000 | | 256,133.06 | 117,960.39 | | | 374,093.45 | 1W |
| | | 71400 - Contractual Services - Individ | **012526** | 66000 | | 51,408.79 | 26,483.32 | | | 77,892.11 | 1X |
| | | 72100 - Contractual Services-Companies | **012526** | 66000 | 253,615.46 | 91,416.42 | 53,519.85 | | | 398,551.73 | 1Y |
| **Activity2.1 : Strengthened Governance and Coordinatio** | | | | | **253,615.46** | **398,958.27** | **197,963.56** | | | **850,537.29** | |

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| **n_WFP Total** | | | | | | | | | | | |
| **Activity2.1 : Strengthened Governance and Coordination_UNDP** | **001981-UNDP** | 71200 - International Consultants | **012526** | 66000 | 49,800.00 | 83,100.00 | 50,100.00 | 42,000.00 | 42,000.00 | 267,000.00 | 1B, 1L |
| | | 71400 - Contractual Services - Individ | **012526** | 66000 | 19,163.50 | 29,643.40 | 29,643.42 | 29,643.43 | 30,596.17 | 138,689.92 | 1N |
| | | 71600 - Travel | **012526** | 66000 | 20,630.50 | 28,640.50 | 35,750.50 | 34,850.50 | 18,830.49 | 138,702.49 | 1D, 1I, 1O |
| | | 72800 - Information Technology Equipmt | **012526** | 66000 | | 44,000.00 | | | | 44,000.00 | 1F |
| | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 17,610.00 | 73,483.40 | 106,350.40 | 60,447.60 | 25,227.60 | 283,119.00 | 1G, 1K, 1R |
| | | 71300 - Local Consultants | **012526** | 66000 | | 17,106.25 | 25,156.25 | 3,018.75 | 3,018.75 | 48,300.00 | 1C, 1H, 1M |
| | | 74100 - Professional Services | **012526** | 66000 | 1,760.00 | 4,400.00 | 4,400.00 | 2,640.00 | 4,400.00 | 17,600.00 | 1J |
| | | 61300 - Salary & Post Adj Cst-IP Staff | **012526** | 66000 | 14,790.00 | 29,580.00 | 29,580.00 | 32,538.00 | 41,412.00 | 147,900.00 | 1A |
| | | 72400 - Communic & Audio Visual Equip | **012526** | 66000 | 814.00 | 2,628.00 | 1,628.00 | 1,628.00 | 1,702.00 | 8,400.00 | 1E, 1P |
| | | 73100 - Rental & | **012526** | 66000 | 1,155.00 | 2,310.00 | 2,310.00 | 2,310.00 | 2,415.00 | 10,500.00 | 1Q |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Maintenance-Premises | | | | | | | | | |
| **Activity2.1 : Strengthened Governance and Coordination_UNDP Total** | | | | | **125,723.00** | **314,891.55** | **284,918.57** | **209,076.28** | **169,602.01** | **1,104,211.41** | |
| **Activity2.2: Disaster risk knowledge and observations_AAC** | **018355-ActionAid Cambodia (AAC)** | 71600 - Travel | **012526** | 66000 | 11,880.00 | 12,240.00 | 11,880.00 | | | 36,000.00 | 2MM |
| | | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | 121,455.61 | 117,883.40 | 117,883.40 | | | 357,222.41 | 2NN |
| | | 72100 - Contractual Services-Companies | **012526** | 66000 | 80,598.00 | 55,146.00 | 5,656.00 | | | 141,400.00 | 2OO |
| | | 72800 - Information Technology Equipmt | **012526** | 66000 | 1,600.00 | | | | | 1,600.00 | 2RR |
| | | 74200 - Audio Visual&Print Prod Costs | **012526** | 66000 | 3,300.00 | 3,400.00 | 3,300.00 | | | 10,000.00 | 2TT |
| | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 17,520.00 | 27,740.00 | 27,740.00 | | | 73,000.00 | 2UU |
| | | 72400 - Communic & Audio Visual Equip | **012526** | 66000 | 2,033.86 | 2,095.49 | 2,033.85 | | | 6,163.20 | 2PP |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 73100 - Rental & Maintenanc e-Premises | **012526** | 66000 | 7,012.17 | 7,224.66 | 7,012.17 | | | 21,249.00 | 2SS |
| | | | 72500 - Supplies | **012526** | 66000 | 594.00 | 612.00 | 594.00 | | | 1,800.00 | 2QQ |
| | **Activity2.2: Disaster risk knowledge and observation s_AAC Total** | | | | | **245,993.64** | **226,341.55** | **176,099.42** | | | **648,434.61** | |
| | **Activity2.2: Disaster risk knowledge and observation s_IFRC** | **018257-International Federation of Red Cross and Red Crescent Societies (IFRC)** | 71600 - Travel | **012526** | 66000 | 35,000.00 | | | | | 35,000.00 | 2BB |
| | | | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | 70,000.00 | 70,000.00 | | | | 140,000.00 | 2CC |
| | | | 72200 - Equipment and Furniture | **012526** | 66000 | 35,000.00 | | | | | 35,000.00 | 2DD |
| | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 115,000.00 | | | | | 115,000.00 | 2FF |
| | | | 71300 - Local Consultants | **012526** | 66000 | 50,000.00 | | | | | 50,000.00 | 2AA |
| | | | 74100 - Professiona l Services | **012526** | 66000 | 25,000.00 | | | | | 25,000.00 | 2EE |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **Activity2.2: Disaster risk knowledge and observations_IFRC Total** | | | | | **330,000.00** | **70,000.00** | | | | **400,000.00** | |
| **Activity2.2: Disaster risk knowledge and observations_MOWRAM** | **018354-KHM_Ministry of Water Resources and Meteorology (MoWRAM)** | 75700 - Training, Workshops and Confer | **012526** | 66000 | 75,000.00 | 75,000.00 | | | | 150,000.00 | 2VV |
| **Activity2.2: Disaster risk knowledge and observations_MOWRAM Total** | | | | | **75,000.00** | **75,000.00** | | | | **150,000.00** | |
| **Activity2.2: Disaster risk knowledge and observations_PIN** | **014980-KHM_People in Need** | 71600 - Travel | **012526** | 66000 | 10,200.00 | | | | | 10,200.00 | 2GG |
| | | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | 13,449.18 | | | | | 13,449.18 | 2HH |
| | | 72100 - Contractual Services-Companies | **012526** | 66000 | 4,000.00 | | | | | 4,000.00 | 2II |
| | | 72200 - Equipment and Furniture | **012526** | 66000 | 35,000.00 | | | | | 35,000.00 | 2JJ |

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| | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 4,500.00 | | | | | 4,500.00 | 2LL |
| | | | 72400 - Communic & Audio Visual Equip | **012526** | 66000 | 1,180.00 | | | | | 1,180.00 | 2KK |
| | **Activity2.2: Disaster risk knowledge and observations_PIN Total** | | | | | **68,329.18** | | | | | **68,329.18** | |
| | **Activity2.2: Disaster risk knowledge and observations_RIMES** | **011715-Regional Integrated Multi-Hazard Early Warning System (RIMES)** | 71600 - Travel | **012526** | 66000 | 24,980.00 | 14,780.00 | 38,210.80 | 28,349.20 | 13,100.00 | 119,420.00 | 2WW |
| | | | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | 128,238.00 | 123,816.00 | 70,752.00 | 61,908.00 | 57,486.00 | 442,200.00 | 2XX |
| | | | 72800 - Information Technology Equipmt | **012526** | 66000 | 21,600.00 | 3,600.00 | 3,600.00 | 3,600.00 | 3,600.00 | 36,000.00 | 2YY |
| | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 57,697.18 | 50,266.62 | 55,697.18 | 63,635.12 | 31,652.90 | 258,949.00 | 2AAA |
| | | | 73100 - Rental & Maintenanc e-Premises | **012526** | 66000 | 10,707.00 | 9,850.44 | 8,137.32 | 7,709.04 | 6,424.20 | 42,828.00 | 2ZZ |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **Activity2.2: Disaster risk knowledge and observations_RIMES Total** | | | | | **243,222.18** | **202,313.06** | **176,397.30** | **165,201.36** | **112,263.10** | **899,397.00** | |
| **Activity2.2: Disaster risk knowledge and observations_UNDP** | **001981-UNDP** | 71200 - International Consultants | **012526** | 66000 | | 46,750.00 | 23,375.00 | 23,375.00 | | 93,500.00 | 2B |
| | | 71400 - Contractual Services - Individ | **012526** | 66000 | 36,543.98 | 36,543.98 | 48,725.31 | 60,906.63 | 60,906.63 | 243,626.53 | 2D |
| | | 71600 - Travel | **012526** | 66000 | 13,680.00 | 19,930.00 | 19,930.00 | 19,930.00 | 19,930.00 | 93,400.00 | 2E, 2I |
| | | 72100 - Contractual Services-Companies | **012526** | 66000 | 121,552.50 | 81,952.50 | | | 59,400.00 | 262,905.00 | 2J |
| | | 72800 - Information Technology Equipmt | **012526** | 66000 | 63,000.00 | 126,000.00 | | | | 189,000.00 | 2K, 2N |
| | | 75700 - Training, Workshops and Confer | **012526** | 66000 | | 55,425.00 | 51,625.00 | 26,625.00 | 37,275.00 | 170,950.00 | 2H, 2M |
| | | 71300 - Local Consultants | **012526** | 66000 | 3,622.50 | 20,527.50 | 12,075.00 | | | 36,225.00 | 2C |
| | | 74100 - Professional Services | **012526** | 66000 | 1,760.00 | 4,400.00 | 4,400.00 | 4,400.00 | 2,640.00 | 17,600.00 | 2L |
| | | 61300 - Salary & Post Adj Cst-IP Staff | **012526** | 66000 | 22,185.00 | 22,185.00 | 29,580.00 | 36,975.00 | 36,975.00 | 147,900.00 | 2A |

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| | | | 72400 - Communic & Audio Visual Equip | **012526** | 66000 | 844.58 | 1,799.57 | 1,607.25 | 1,702.52 | 1,444.32 | 7,398.24 | 2F |
| | | | 73100 - Rental & Maintenanc e-Premises | **012526** | 66000 | 1,200.00 | 2,640.00 | 2,760.00 | 2,640.00 | 2,760.00 | 12,000.00 | 2G |
| | **Activity2.2: Disaster risk knowledge and observation s_UNDP Total** | | | | | **264,388.56** | **418,153.55** | **194,077.56** | **176,554.15** | **221,330.95** | **1,274,504. 77** | |
| | **Activity2.2: Disaster risk knowledge and observation s_UNDRR** | **011832-UN Off-Disaster Risk Reduction** | 71200 - Internation al Consultants | **012526** | 66000 | 27,265.14 | 14,541.41 | 56,347.96 | 41,806.55 | 41,806.55 | 181,767.61 | 2P |
| | | | 71400 - Contractual Services - Individ | **012526** | 66000 | 5,500.60 | 7,858.00 | 12,179.90 | 8,250.90 | 5,500.60 | 39,290.00 | 2R |
| | | | 71600 - Travel | **012526** | 66000 | | 2,683.80 | 2,683.80 | 3,542.62 | 1,824.98 | 10,735.20 | 2T |
| | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | | 7,056.00 | 7,560.00 | 25,200.00 | 10,584.00 | 50,400.00 | 2U |
| | | | 71300 - Local Consultants | **012526** | 66000 | 45,486.00 | 32,319.00 | 23,940.00 | 3,591.00 | 14,364.00 | 119,700.00 | 2Q |
| | | | 61300 - Salary & Post Adj Cst-IP Staff | **012526** | 66000 | 20,294.81 | 28,412.75 | 41,942.63 | 28,412.75 | 16,235.86 | 135,298.80 | 2O |
| | | | 71500 - UN Volunteers | **012526** | 66000 | 2,133.43 | 3,200.15 | 5,155.79 | 4,266.86 | 3,022.36 | 17,778.59 | 2S |



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|---|---|---|---|---|---|---|---|---|---|---|---|
| **Activity2.2: Disaster risk knowledge and observations_UNDRR Total** | | | | | **100,679.98** | **96,071.11** | **149,810.08** | **115,070.68** | **93,338.35** | **554,970.20** | |
| **Activity2.3:: Warning dissemination and preparedness_IFRC** | **018257-International Federation of Red Cross and Red Crescent Societies (IFRC)** | 71600 - Travel | **012526** | 66000 | 80,000.00 | | | | | 80,000.00 | 3J, 3AA, 3DDD |
| | | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | 339,800.00 | 130,700.00 | 39,500.00 | | | 510,000.00 | 3K, 3BB, 3EEE |
| | | 72200 - Equipment and Furniture | **012526** | 66000 | 195,000.00 | | | | | 195,000.00 | 3L, 3CC, 3FFF |
| | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 385,000.00 | | | | | 385,000.00 | 3M, 3EE, 3GGG |
| | | 71300 - Local Consultants | **012526** | 66000 | 15,000.00 | | | | | 15,000.00 | 3Z |
| | | 74100 - Professional Services | **012526** | 66000 | 15,000.00 | | | | | 15,000.00 | 3DD |
| **Activity2.3:: Warning dissemination and preparedness_IFRC Total** | | | | | **1,029,800.00** | **130,700.00** | **39,500.00** | | | **1,200,000.00** | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Activity2.3:: Warning dissemination and preparedness_ITU** | **000810-International Telecommunicatio** | 71200 - International Consultants | **012526** | 66000 | 31,240.00 | 163,200.00 | 177,400.00 | 56,800.00 | 11,360.00 | 440,000.00 | 3V |
| | | | 71600 - Travel | **012526** | 66000 | | 20,200.00 | 19,800.00 | 5,200.00 | 4,800.00 | 50,000.00 | 3X |
| | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | | 20,200.00 | 19,800.00 | 5,200.00 | 4,800.00 | 50,000.00 | 3Y |
| | | | 71300 - Local Consultants | **012526** | 66000 | 29,700.00 | 18,480.00 | 17,940.00 | 5,940.00 | 5,940.00 | 78,000.00 | 3W |
| | **Activity2.3:: Warning dissemination and preparedness_ITU Total** | | | | | **60,940.00** | **222,080.00** | **234,940.00** | **73,140.00** | **26,900.00** | **618,000.00** | |
| | **Activity2.3:: Warning dissemination and preparedness_NCDM** | **014987-KHM_CommitteeforDisasterManage** | 71600 - Travel | **012526** | 66000 | 500.00 | 500.00 | 500.00 | 500.00 | 500.00 | 2,500.00 | 3GG |
| | | | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | 4,900.00 | 4,900.00 | 4,900.00 | 4,900.00 | 4,900.00 | 24,500.00 | 3HH |
| | | | 72100 - Contractual Services-Companies | **012526** | 66000 | 5,000.00 | 5,000.00 | | | | 10,000.00 | 3II |
| | | | 72800 - Information Technology Equipmt | **012526** | 66000 | 3,300.00 | | | | | 3,300.00 | 3KK |
| | | | 75700 - Training, | **012526** | 66000 | | 37,112.50 | 37,112.50 | 37,112.50 | 37,112.50 | 148,450.00 | 3LL |

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| | | | Workshops and Confer | | | | | | | | | |
| | | | 71300 - Local Consultants | **012526** | 66000 | 5,000.00 | 5,000.00 | | | | 10,000.00 | 3FF |
| | | | 72500 - Supplies | **012526** | 66000 | 250.00 | 250.00 | 250.00 | 250.00 | 250.00 | 1,250.00 | 3JJ |
| **Activity2.3:: Warning dissemination and preparedness_NCDM Total** | | | | | | **18,950.00** | **52,762.50** | **42,762.50** | **42,762.50** | **42,762.50** | **200,000.00** | |
| **Activity2.3:: Warning dissemination and preparedness_PIN** | **014980-KHM_People in Need** | 71200 - International Consultants | **012526** | 66000 | 6,935.00 | 10,220.00 | 19,345.00 | | | 36,500.00 | 3N | |
| | | 71600 - Travel | **012526** | 66000 | 12,143.82 | 36,001.86 | 32,455.32 | | | 80,601.00 | 3P, 3III | |
| | | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | 45,425.88 | 64,987.74 | 64,987.74 | | | 175,401.36 | 3Q, 3JJJ | |
| | | 72100 - Contractual Services-Companies | **012526** | 66000 | 9,900.00 | 10,200.00 | 9,900.00 | | | 30,000.00 | 3R | |
| | | 74200 - Audio Visual&Print Prod Costs | **012526** | 66000 | 3,110.64 | 4,426.68 | 4,426.68 | | | 11,964.00 | 3LLL | |
| | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 16,909.77 | 39,281.23 | 44,655.00 | | | 100,846.00 | 3U, 3MMM | |
| | | 71300 - Local Consultants | **012526** | 66000 | 6,382.77 | 13,428.08 | 14,970.15 | | | 34,781.00 | 3O, 3HHH | |

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| | | | 74100 - Professional Services | **012526** | 66000 | | 3,050.00 | 3,050.00 | | | 6,100.00 | 3KKK |
| | | | 72400 - Communic & Audio Visual Equip | **012526** | 66000 | 2,407.20 | 5,947.20 | 5,805.60 | | | 14,160.00 | 3S |
| | | | 73100 - Rental & Maintenance-Premises | **012526** | 66000 | 9,999.00 | 9,999.00 | 10,302.00 | | | 30,300.00 | 3T |
| | **Activity2.3:: Warning dissemination and preparedness_PIN Total** | | | | | **113,214.08** | **197,541.79** | **209,897.49** | | | **520,653.36** | |
| | **Activity2.3:: Warning dissemination and preparedness_UNDP** | **001981-UNDP** | 71200 - International Consultants | **012526** | 66000 | 66,500.00 | 137,095.00 | 172,225.00 | 44,625.00 | 41,055.00 | 461,500.00 | 3B |
| | | | 71400 - Contractual Services - Individ | **012526** | 66000 | 13,025.31 | 18,775.31 | 18,775.31 | 13,025.30 | 13,025.30 | 76,626.53 | 3D, 3PP |
| | | | 71600 - Travel | **012526** | 66000 | 40,208.25 | 76,591.75 | 95,465.00 | 42,125.00 | 36,825.00 | 291,215.00 | 3E, 3QQ |
| | | | 72100 - Contractual Services-Companies | **012526** | 66000 | 122,435.00 | 290,007.50 | 196,507.50 | | | 608,950.00 | 3F, 3RR |
| | | | 72200 - Equipment and Furniture | **012526** | 66000 | 49,500.00 | 57,750.00 | 57,750.00 | | | 165,000.00 | 3SS |
| | | | 72800 - Information Technology Equipmt | **012526** | 66000 | | 33,000.00 | | | | 33,000.00 | 3G |

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| | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 102,100.00 | 231,400.00 | 142,700.00 | 29,100.00 | 23,800.00 | 529,100.00 | 3I, 3XX |
| | | | 71300 - Local Consultants | **012526** | 66000 | 168,672.50 | 261,075.00 | 109,077.50 | | | 538,825.00 | 3C, 3OO |
| | | | 74100 - Professiona l Services | **012526** | 66000 | 3,520.00 | 3,520.00 | 3,520.00 | 3,520.00 | 3,520.00 | 17,600.00 | 3WW |
| | | | 61300 - Salary & Post Adj Cst-IP Staff | **012526** | 66000 | 47,115.00 | 86,517.50 | 107,768.75 | 95,005.00 | 53,893.75 | 390,300.00 | 3A, 3MM |
| | | | 72400 - Communic & Audio Visual Equip | **012526** | 66000 | 740.00 | 1,702.00 | 2,220.00 | 1,036.00 | 1,702.00 | 7,400.00 | 3TT |
| | | | 73100 - Rental & Maintenanc e-Premises | **012526** | 66000 | 1,440.00 | 2,640.00 | 3,000.00 | 2,160.00 | 2,760.00 | 12,000.00 | 3UU |
| | | | 73300 - Rental & Maint of Info Tech Eq | **012526** | 66000 | 10,350.00 | 81,075.00 | 12,075.00 | | | 103,500.00 | 3H, 3VV |
| | | | 64300 - Staff Mgmt Costs - IP Staff | **012526** | 66000 | | 23,486.47 | 23,486.47 | 23,486.47 | 23,486.47 | 93,945.88 | 3NN |
| **Activity2.3:: Warning disseminati on and preparedne ss_UNDP Total** | | | | | | **625,606.06** | **1,304,635.53** | **944,570.53** | **254,082.77** | **200,067.52** | **3,328,962.41** | |

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| | **Activity2.3:: Warning dissemination and preparedness_WFP** | **002065-World Food Programme** | 71200 - International Consultants | **012526** | 66000 | 66,159.59 | 43,712.59 | 8,269.95 | | | 118,142.13 | 3YY |
| | | | 71400 - Contractual Services - Individ | **012526** | 66000 | 30,375.64 | 12,694.30 | 2,266.84 | | | 45,336.78 | 3AAA |
| | | | 72100 - Contractual Services-Companies | **012526** | 66000 | 137,907.83 | | | | | 137,907.83 | 3BBB |
| | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | 53,384.05 | 21,369.93 | 17,684.05 | | | 92,438.03 | 3CCC |
| | | | 71300 - Local Consultants | **012526** | 66000 | 27,825.00 | 28,350.00 | | | | 56,175.00 | 3ZZ |
| | **Activity2.3:: Warning dissemination and preparedness_WFP Total** | | | | | **315,652.11** | **106,126.82** | **28,220.84** | | | **449,999.77** | |
| | **Activity2.1 : Strengthened Governance and Coordination_MOE** | **001115-CMB-Ministry Of Environment** | 71600 - Travel | **012526** | 66000 | | 7,200.00 | 7,200.00 | 4,800.00 | 4,800.00 | 24,000.00 | 1T |
| | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | | 14,400.00 | 14,400.00 | 9,600.00 | 9,600.00 | 48,000.00 | 1V |
| | | | 71300 - Local Consultants | **012526** | 66000 | | 32,000.00 | 32,000.00 | 16,000.00 | | 80,000.00 | 1S |

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| | | 72500 - Supplies | **012526** | 66000 | | 8,400.00 | 8,400.00 | 5,600.00 | 5,600.00 | 28,000.00 | 1U |
| **Activity2.1 : Strengthened Governance and Coordination_MOE Total** | | | | | | **62,000.00** | **62,000.00** | **36,000.00** | **20,000.00** | **180,000.00** | |
| **Activity2.2: Disaster risk knowledge and observations_NCDM** | **014987-KHM_CommitteeforDisasterManage** | 71800 - Contractual Services-Imp Partn | **012526** | 66000 | | 70,000.00 | 10,000.00 | 10,000.00 | 10,000.00 | 100,000.00 | 2X |
| | | 72100 - Contractual Services-Companies | **012526** | 66000 | | 50,000.00 | | | | 50,000.00 | 2V |
| | | 72800 - Information Technology Equipmt | **012526** | 66000 | | 40,000.00 | | | | 40,000.00 | 2Y |
| | | 75700 - Training, Workshops and Confer | **012526** | 66000 | | 70,000.00 | | | | 70,000.00 | 2Z |
| | | 71300 - Local Consultants | **012526** | 66000 | | 63,000.00 | 9,000.00 | 9,000.00 | 9,000.00 | 90,000.00 | 2W |
| **Activity2.2: Disaster risk knowledge and observations_NCDM Total** | | | | | | **293,000.00** | **19,000.00** | **19,000.00** | **19,000.00** | **350,000.00** | |

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| | | **Activity2.3:: Warning dissemination and preparedness_AAC** | **018355-ActionAid Cambodia (AAC)** | 72200 - Equipment and Furniture | **012526** | 66000 | | 100,000.00 | 100,000.00 | | | 200,000.00 | 3NNN |
| | | | | 75700 - Training, Workshops and Confer | **012526** | 66000 | | 35,000.00 | 35,000.00 | | | 70,000.00 | 3OOO |
| | | **Activity2.3:: Warning dissemination and preparedness_AAC Total** | | | | | | **135,000.00** | **135,000.00** | | | **270,000.00** | |
| | | | | | | | 3,907,489.25 | 4,330,140.73 | 2,914,732.85 | 1,125,902.74 | 939,734.43 | 13,218,000.00 | |
| | | | | | | | **3,907,489.25** | **4,330,140.73** | **2,914,732.85** | **1,125,902.74** | **939,734.43** | **13,218,000.00** | |

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| Budget Note No. | ACCount Code | Account Descripton | Budget Notes and Consumption (Description) | No. of Unit | Unit | Cost per unit | Total cost |
|---|---|---|---|---|---|---|---|
| 1A | 61300 | Salary & Post Adj Cst-IP Staff | CTA-Technical Advisor(P4). 12% - Deliver daily technical support across three key areas: • Strengthening Governance and Coordination. • Advancing Disaster Risk Knowledge and Observations. • Enhancing Warning Dissemination and Preparedness. • Technical support and strategic guidance during the high leadership discussion with government and UN agencies as well as CSOs for the establishment of a coordination mechanism. • Technical inputs on reporting and project assessments: 5 Years , 1 Year @ 29580 = 147900 | 5 | Years | 29,580.00 | 147,900.00 |
| 1B | 71200 | International Consultants | International Consultant to develop data sharing protocol: 1 Consultant , 40 days @ 825 = 33000 | 40 | days | 825.00 | 33,000.00 |
| | 71200 | International Consultants | Global technical support including i) access to international subject experts technical advisors and facilities spanning the four pillars; ii) experts on SE safeguards, inclusion, FCAS and impact assessments; iii) participation in retreats and knowledge sharing events; and iv) for country level field missions and engagements.: 5 Years , 1 Year @ 33600 = 168000 | 5 | Years | 33,600.00 | 168,000.00 |
| 1C | 71300 | Local Consultants | National Consultant to develop data sharing protocol: 1 Consultant , 40 days @ 402.5 = 16100 | 40 | days | 402.50 | 16,100.00 |
| 1D | 71600 | Travel | Travel cost for 2 consultants: 6 trips , 1 trip @ 1500 = 9000 | 6 | trips | 1,500.00 | 9,000.00 |
| 1E | 72400 | Communic & Audio Visual Equip | Communication in local media for high-level signing ceremony: 1 time , 1 time @ 1000 = 1000 | 1 | time | 1,000.00 | 1,000.00 |
| 1F | 72800 | Information Technology Equipmt | Tablets for NCDM/PCDM to collect and manage data in CamDi 2.0 system including the integration with PRISM and hazard data of MoE. : 100 Tablets , 1 tablet @ 440 = 44000 | 100 | Tablets | 440.00 | 44,000.00 |
| 1G | 75700 | Training, Workshops and Conference | Consultative workshop on data sharing protocol (2 days, 24 participants, in target province): 1 Workshop , 1 workshop @ 7282 = 7282 | 1 | workshop | 7,282.00 | 7,282.00 |
| 1H | 71300 | Local Consultants | Consultant to support/facilitate for quarterly technical EW/EA working groups : 1 consultant , 30 days @ 402.5 = 12075 | 30 | days | 402.50 | 12,075.00 |

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| 1I | 71600 | Travel | Establish EWS secretariat (UNDP team traveling to target province): 6 trips , 1 trip @ 1500 = 9000 | 6 | trips | 1,500.00 | 9,000.00 |
| | 71600 | Travel | Field visit for international travel (10NCDM, 10MoWRAM, 3UNDP) to Philipine for 5 days: 1 trip , 23 participants @ 2700 = 62100 | 23 | participants | 2,700.00 | 62,100.00 |
| 1J | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | HACT Micro Assessment, Audit/spot-check implementing partners (MOE & IFRC): 4 Years , 1 Year @ 4400 = 17600 | 4 | Years | 4,400.00 | 17,600.00 |
| 1K | 75700 | Training, Workshops and Conference | Workshop/meeting for Establish EWS secretariat, monthly facilitation meeting, annual reflection workshop (20 Participants/WS)+Payment & Procurment fees: 5 workshops , 1 workshop @ 6200 = 31000 | 5 | workshops | 6,200.00 | 31,000.00 |
| | 75700 | Training, Workshops and Conference | Monthly facilitate meeting (10 participants/meeting ): 10 meetings , 1 meeting @ 100 = 1000 | 10 | meetings | 100.00 | 1,000.00 |
| | 75700 | Training, Workshops and Conference | Annual reflection workshop (1day, 54 participants) : 4 workshops , 1 lumpsum @ 12400 = 49600 | 4 | workshops | 12,400.00 | 49,600.00 |
| | 75700 | Training, Workshops and Conference | consultative workshop to collect input common strategy to support EW4AII (1day workshop, 44 participants): 1 workshop , 1 lumpsum @ 10544 = 10544 | 1 | workshop | 10,544.00 | 10,544.00 |
| | 75700 | Training, Workshops and Conference | consultative workshop to collect input common strategy to support EW4AII (Int's travel for 10 participants within Asia): 8 participants , 1 participants @ 2000 = 16000 | 8 | participants | 2,000.00 | 16,000.00 |
| | 75700 | Training, Workshops and Conference | Quarterly technical EW/EA working groups meeting (20 participants/meeting): 80 meetings , 1 meeting @ 550 = 44000 | 80 | meetings | 550.00 | 44,000.00 |
| | 75700 | Training, Workshops and Conference | Six monthly meeting with Local authorities at provincial level: 10 meetings , 1 meeting @ 2500 = 25000 | 10 | meetings | 2,500.00 | 25,000.00 |
| | 75700 | Training, Workshops and Conference | Six monthly meeting with Local authorities at commune level: 10 meetings , 1 meeting @ 2550 = 25500 | 10 | meetings | 2,550.00 | 25,500.00 |
| 1L | 71200 | International Consultants | TA-Techincal Expert to develop a comment EW4all approach to gender & inclusion : 1 consultant , 60 days @ 1100 = 66000 | 60 | days | 1,100.00 | 66,000.00 |
| 1M | 71300 | Local Consultants | Local Consultant to develop a comment EW4all approach to gender & inclusion: 1 Consultant , 30 days @ 402.5 = 12075 | 30 | days | 402.50 | 12,075.00 |
| | 71300 | Local Consultants | Local Consultant for Communication production (video and storytelling): 20 days , 1 day @ 402.5 = 8050 | 20 | days | 402.50 | 8,050.00 |

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|---|---|---|---|---|---|---|---|
| 1N | 71400 | Contractual Services – Individ | Project management specialist (Project Manager-NPSA10)-20%: 5 Years , 1 Year @ 8683.5376312 = 43417.688156 | 5 | Years | 8,683.54 | 43,417.69 |
| | 71400 | Contractual Services – Individ | Gender and Inclusively Expert (NPSA9)-50%: 5 Years , 1 Year @ 19054.447558 = 95272.23779 | 5 | Years | 19,054.45 | 95,272.24 |
| 1O | 71600 | Travel | Field Monitoring to support on gender improvement and inclustion in EW4All activities: 8 trips , 1 trip @ 3000 = 24000 | 8 | trips | 3,000.00 | 24,000.00 |
| | 71600 | Travel | Field Monitoring for develop a common EW4AII approach to monitoring, evaluation and learning and advocate : 12 trips , 1 trips @ 1700 = 20400 | 12 | trips | 1,700.00 | 20,400.00 |
| | 71600 | Travel | Field monitoring for Set up real-time monitoring for the EW4AII roadmap and activities: 2 trips , 1 trip @ 2851.24 = 5702.48 | 2 | trips | 2,851.24 | 5,702.48 |
| | 71600 | Travel | Field monitoring (Actively monitor and report on the progress being made and the challenges encountered): 5 trips , 1 trip @ 1700 = 8500 | 5 | trips | 1,700.00 | 8,500.00 |
| 1P | 72400 | Communic & Audio Visual Equip | Communication cost (telephone card and extension) for project manger and gender specialist: 5 Years , 1 Year @ 1480 = 7400 | 5 | Years | 1,480.00 | 7,400.00 |
| 1Q | 73100 | Rental & Maintenance-Premises (Office Space&Utilities) | Office rental for project staff (Project Management Specialist-20% & Gender Specialist-50%): 5 Years , 1 Year @ 2100 = 10500 | 5 | Years | 2,100.00 | 10,500.00 |
| 1R | 75700 | Training, Workshops and Conference | Consultative Workshop (2days, 45participants, in target province): 1 workshop , 1 workshop @ 11555 = 11555 | 1 | workshop | 11,555.00 | 11,555.00 |
| | 75700 | Training, Workshops and Conference | Training on development gender and inclusion to MoWA (2days, 10participants from province to Phnom Penh): 1 training , 1 training @ 3500 = 3500 | 1 | training | 3,500.00 | 3,500.00 |
| | 75700 | Training, Workshops and Conference | Consultative Workshop: Advocate for the appropriate representation of women, indigenous groups and people with disability (2days, 45participants, in target province): 1 workshop , 1 workshop @ 12050 = 12050 | 1 | workshop | 12,050.00 | 12,050.00 |
| | 75700 | Training, Workshops and Conference | Meeting on develop a common EW4AII approach to monitoring, evaluation and learning and advocate : 8 meetings , 1 meeting @ 1000 = 8000 | 8 | meetings | 1,000.00 | 8,000.00 |
| | 75700 | Training, Workshops and Conference | Workshop on real-time monitoring for the EW4AII roadmap (2 days, 55 participants, in target provinces): 2 workshops , 1 workshop @ 16744 = 33488 | 2 | workshops | 16,744.00 | 33,488.00 |
| | 75700 | Training, Workshops and Conference | Meeting: regular for peer to peer oversight at province: 2 meetings , 1 meeting @ 2300 = 4600 | 2 | meetings | 2,300.00 | 4,600.00 |
| | | | **Sub-Total UNDP** | | DS Initial DS | | **1,104,211.41** |

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|---|---|---|---|---|---|---|---|
| 1S | 71300 | Local Consultants | MOE(LOA): consultant for data integration: 4 Years , 1 lumpsum @ 20000 = 80000 | 4 | Years | 20,000.00 | 80,000.00 |
| 1T | 71600 | Travel | MOE(LOA): Field visit/other travel: 12 trips , 1 trip @ 2000 = 24000 | 12 | trips | 2,000.00 | 24,000.00 |
| 1U | 72500 | Supplies | MOE(LOA): Supplies and other operation cost: 4 Years , 1 Year @ 7000 = 28000 | 4 | Years | 7,000.00 | 28,000.00 |
| 1V | 75700 | Training, Workshops and Conference | MOE(LOA): Workshop, training, meeting: 4 Workshops , 1 workshop @ 12000 = 48000 | 4 | Workshops | 12,000.00 | 48,000.00 |
| | | | **Sub-Total MOE** | | | | **180,000.00** |
| 1W | 71200 | International Consultants | WFP: Long term Consultant to support PRISM readiness assessment and institutionalization plans : 1 Year , 1 lumpsum @ 22774.4055 = 22774.4055 | 1 | Year | 22,774.41 | 22,774.41 |
| | 71200 | International Consultants | WFP: International consultant for On-demand study or assessment to support risk-informed decision-making across EPR value chain (45days x $400/day): 1 Consultant , 1 lumpsum @ 54658.5732 = 54658.5732 | 1 | Consultant | 54,658.57 | 54,658.57 |
| | 71200 | International Consultants | WFP: Long term Consultant to Review existing forecast capacities at MoWRAM, to define and prepare thresholds and triggers, & to design the AA module in PRISM: 3 Years , 1 Year @ 59566.6925 = 178700.0775 | 3 | Years | 59,566.69 | 178,700.08 |
| | 71200 | International Consultants | WFP: long term consultant to enhance data sharing between NCDM and relevant social protection agencies to facilitate EPR through shock-responsive social protection (SRSP) mechanisms ): 1 Year , 1 Year @ 117960.3915 = 117960.3915 | 1 | Year | 117,960.39 | 117,960.39 |
| 1X | 71400 | Contractual Services – Individ | WFP: Direct contract staff ( Enhance data sharing between NCDM and relevant social protection agencies to facilitate EPR through shock-responsive social protection (SRSP) mechanisms ): 2 Years , 1 year @ 38946.054 = 77892.108 | 2 | Years | 38,946.05 | 77,892.11 |
| 1Y | 72100 | Contractual Services-Companies | WFP: Contractual companies to support Capacity building to support the institutionalization plan (trainings on GitHub, the configuration process and deployment of the PRISM Frontend etc.): 2 Years , 1 Year @ 53519.852925 = 107039.70585 | 2 | Years | 53,519.85 | 107,039.71 |
| | 72100 | Contractual Services-Companies | WFP: Contractual companies to Assessment of PRISM and CamDi system, IT solution development, testing and deployment & Trainings to NCDM and PCDM staff: 3 Firms , 1 lumpsum @ 97170.675 = 291512.025 | 3 | Firms | 97,170.68 | 291,512.03 |
| | | | **Sub-Total WFP** | | | | **850,537.29** |
| 1Z | 71200 | International Consultants | IFRC: International consultant (Ref. IFRC detail budget): 5 Years , 1 Year @ 5600 = 28000 | 5 | Years | 5,600.00 | 28,000.00 |
| 1AA | 71300 | Local Consultants | IFRC: Local consultant (Ref. IFRC detail budget): 5 Years , 1 Year @ 4600 = 23000 | 5 | Years | 4,600.00 | 23,000.00 |

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|---|---|---|---|---|---|---|---|
| 1BB | 71600 | Travel | IFRC: Travel cost (Ref. IFRC detail budget): 5 Years , 1 Year @ 2900 = 14500 | 5 | Years | 2,900.00 | 14,500.00 |
| 1CC | 71800 | Contractual Services-Imp Partn | IFRC: Staff Cost (Ref. IFRC detail budget): 5 Years , 1 Year @ 7000 = 35000 | 5 | Years | 7,000.00 | 35,000.00 |
| 1DD | 72200 | Equipment and Furniture | IFRC: Equipment (Ref. IFRC detail budget): 5 Years , 1 Year @ 900 = 4500 | 5 | Years | 900.00 | 4,500.00 |
| 1EE | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | IFRC: Professional/ Contractual Services (Ref. IFRC detail budget): 5 Years , 1 Year @ 1700 = 8500 | 5 | Years | 1,700.00 | 8,500.00 |
| 1FF | 74200 | Audio Visual&Print Prod Costs | IFRC: Translation, Printing, facilitators, venue, etc.(Ref. IFRC detail budget): 5 Years , 1 Year @ 3700 = 18500 | 5 | Years | 3,700.00 | 18,500.00 |
| 1GG | 75700 | Training, Workshops and Conference | IFRC: Training, workshops, and conference (Ref. IFRC detail budget): 5 Years , 1 Year @ 3600 = 18000 | 5 | Years | 3,600.00 | 18,000.00 |
| | | | **Sub-Total IFRC** | | | | **122,000.00** |
| | | | **TOTAL OUTPUT1** | | | | **2,284,748.69** |
| 2A | 61300 | Salary & Post Adj Cst-IP Staff | CTA-Technical Advisor(P4). 12%Deliver daily technical support across three key areas: • Strengthening Governance and Coordination. • Advancing Disaster Risk Knowledge and Observations. • Enhancing Warning Dissemination and Preparedness. • Technical support and strategic guidance during the high leadership discussion with government and UN agencies as well as CSOs for the establishment of a coordination mechanism. • Technical inputs on reporting and project assessments: 5 Years , 1 Year @ 29580 = 147900 | 5 | Years | 29,580.00 | 147,900.00 |
| 2B | 71200 | International Consultants | Technical Expert (International consultant) to Incorporate aspects of the next generation global tracking system for hazardous events & losses and damages: 85 days , 1 day @ 1100 = 93500 | 85 | days | 1,100.00 | 93,500.00 |
| 2C | 71300 | Local Consultants | Consultant on System mapping: 30 days , 1 day @ 402.5 = 12075 | 30 | days | 402.50 | 12,075.00 |
| | 71300 | Local Consultants | Consultant for design building the next generation CamDi: 30 days , 1 day @ 402.5 = 12075 | 30 | days | 402.50 | 12,075.00 |
| | 71300 | Local Consultants | Consultant to development CamDi manual : 30 days , 1 day @ 402.5 = 12075 | 30 | days | 402.50 | 12,075.00 |
| 2D | 71400 | Contractual Services – Individ | Monitoring Evaluation and Learning Officer (NPSA9)-100%: 5 Years , 1 Year @ 35700 = 178500 | 5 | Years | 35,700.00 | 178,500.00 |
| | 71400 | Contractual Services – Individ | Project management specialist (Project Manager-NPSA10)-30%: 5 Years , 1 Year @ 13025.3064468 = 65126.532234 | 5 | Years | 13,025.31 | 65,126.53 |

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|---|---|---|---|---|---|---|---|
| 2E | 71600 | Travel | Field Monitoring: 12 trips , 1 trip @ 1700 = 20400 | 12 | trips | 1,700.00 | 20,400.00 |
| 2F | 72400 | Communic & Audio Visual Equip | Communication cost (telephone card and extension) for CTA-technical advisor (P4): 5 Years , 1 Year @ 740 = 3700 | 5 | Years | 740.00 | 3,700.00 |
| | 72400 | Communic & Audio Visual Equip | Communication cost for Monitoring Evaluation and Learning Officer: 5 Years , 1 Year @ 740 = 3700 | 5 | Years | 740.00 | 3,700.00 |
| 2G | 73100 | Rental & Maintenance-Premises (Office Space&Utilities) | Office rental for project staff (Project Management Specialist-30% , M&E officer-50%): 5 Years , 1 Year @ 2400 = 12000 | 5 | Years | 2,400.00 | 12,000.00 |
| 2H | 75700 | Training, Workshops and Conference | Consultative meeting: System testing and operationalization incorporating feedback from UNDRR (2day, 50 Participants, in target province): 1 workshop , 1 workshop @ 12450 = 12450 | 1 | workshop | 12,450.00 | 12,450.00 |
| | 75700 | Training, Workshops and Conference | Consultative meeting: System testing and operationalization incorporating feedback from UNDRR (UNDP-Organizer and consultants to 4 target provinces: 1 meeting , 1 meeting @ 2000 = 2000 | 1 | meeting | 2,000.00 | 2,000.00 |
| | 75700 | Training, Workshops and Conference | workshop/training on system testing & operationalization(2day, 50participants, in target province): 1 Workshop , 1 Workshop @ 12500 = 12500 | 1 | Workshop | 12,500.00 | 12,500.00 |
| | 75700 | Training, Workshops and Conference | Workshop/training (2days, 50participants, in target province): 1 Workshop , 1 Workshop @ 12500 = 12500 | 1 | Workshop | 12,500.00 | 12,500.00 |
| | 75700 | Training, Workshops and Conference | capacity development to both national & sub-national level with a functioning CamDi 2.0 (2day, 50participants, in target province): 2 Workshops , 1 Workshop @ 12500 = 25000 | 2 | Workshops | 12,500.00 | 25,000.00 |
| 2I | 71600 | Travel | Travel cost for HydroMet repairs in the target provinces: 12 trips , 1 trip @ 4000 = 48000 | 12 | trips | 4,000.00 | 48,000.00 |
| | 71600 | Travel | Field monitoring (2 trip/year): 10 trips , 1 trip @ 2500 = 25000 | 10 | trips | 2,500.00 | 25,000.00 |
| 2J | 72100 | Contractual Services-Companies | Contractual companies for HydroMet repairs in the target provinces: 2 Years , 1 lumpsum @ 81952.5 = 163905 | 2 | Years | 81,952.50 | 163,905.00 |
| | 72100 | Contractual Services-Companies | Baseline study and impact evaluation : 2 Firms , 1 Firm @ 49500 = 99000 | 2 | Firms | 49,500.00 | 99,000.00 |
| 2K | 72800 | Information Technology Equipmt | Equipment for HydroMet repairs (lightning alert system incl. lightning alarms, real-time activity, and sirens and solar power suppliers) in 4 target provinces : 4 sets , 1 set @ 31500 = 126000 | 4 | sets | 31,500.00 | 126,000.00 |

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|---|---|---|---|---|---|---|---|
| 2L | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | HACT Micro Assessment, Audit/spot-check implementing partners (NCDM, RIMES & MoWRAM): 4 Years , 1 Year @ 4400 = 17600 | 4 | Years | 4,400.00 | 17,600.00 |
| 2M | 75700 | Training, Workshops and Conference | Consultative meeting/capacity development for HydroMet repairs in the target provinces: 10 workshops , 1 workshop @ 10650 = 106500 | 10 | workshops | 10,650.00 | 106,500.00 |
| 2N | 72800 | Information Technology Equipmt | Forecasters workstations for the 4 target provinces : 4 forecasters , 1 forecaster @ 15750 = 63000 | 4 | forecasters | 15,750.00 | 63,000.00 |
| | | | **Sub-Total UNDP** | | | | **1,274,506.53** |
| 2O | 61300 | Salary & Post Adj Cst-IP Staff | UNDRR: Risk knowledge technical officer UNDRR ROAP (P3)<br>Scoping out the potential and vision of losses & damages. Inter-ministry WG set up for losses & methodology. (Ref. UNDRR detail budget): 5 Years , 1 Year @ 27059.76 = 135298.8 | 5 | Years | 27,059.76 | 135,298.80 |
| 2P | 71200 | International Consultants | UNDRR: 4 International expert. (Ref. UNDRR detail budget): 5 Years , 1 Year @ 36353.52 = 181767.6 | 5 | Years | 36,353.52 | 181,767.60 |
| 2Q | 71300 | Local Consultants | UNDRR: 4 National Consultant to develop Strengthening of identified sector/economic assets methodologies for tracking disaster losses and damages tracking with ongoing monitoring and feedback to UNDP. (Ref. UNDRR detail budget): 5 Years , 1 Year @ 23940 = 119700 | 5 | Years | 23,940.00 | 119,700.00 |
| 2R | 71400 | Contractual Services – Individ | UNDRR: Technical Personnel (Scoping out the potential and vision of losses & damages. Inter-ministry WG set up for losses & methodology. (Ref. UNDRR detail budget): 5 Years , 1 Year @ 7858.0005 = 39290.0025 | 5 | Years | 7,858.00 | 39,290.00 |
| 2S | 71500 | UN Volunteers | UNDRR: 1 UNV-Resilient Specialist Scoping out the potential and vision of losses & damages. Inter-ministry WG set up for losses & methodology. (Ref. UNDRR detail budget): 5 Years , 1 Year @ 3555.72 = 17778.6 | 5 | Years | 3,555.72 | 17,778.60 |
| 2T | 71600 | Travel | UNDRR: Travel cost for International expert and ROAP technical staff to Cambodia. (Ref. UNDRR detail budget): 4 Years , 1 Year @ 2683.8 = 10735.2 | 4 | Years | 2,683.80 | 10,735.20 |
| 2U | 75700 | Training, Workshops and Conference | UNDRR: Training materials - Development of guidance and training material on losses and damages. (Ref. UNDRR detail budget): 4 Years , 1 Year @ 12600 = 50400 | 4 | Years | 12,600.00 | 50,400.00 |
| | | | **Sub-Total UNDRR** | | | | **554,970.20** |
| 2V | 72100 | Contractual Services-Companies | NCDM: Scoping out the potential and vision of losses & damages. Inter-ministry WG set up for losses & methodology. (Ref. NCDM's detail budget): 1 Year , 1 Year @ 50000 = 50000 | 1 | Year | 50,000.00 | 50,000.00 |

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| 2W | 71300 | Local Consultants | NCDM: 2 Consultant to develop standard DRM manuals & Develop National Contingency Plan (Ref. NCDM Budget Detail): 2 consultants , 1 consultant @ 45000 = 90000 | 2 | consultants | 45,000.00 | 90,000.00 |
| 2X | 71800 | Contractual Services-Imp Partn | NCDM: Staff cost (Improved IT infrastructure and Disaster Management Information System (DMIS) and Early Warning System at the NCDM.)-80%. (Ref. NCDM Budget Detail): 60 months , 1 month @ 1666.66666666667 = 100000 | 60 | months | 1,666.67 | 100,000.00 |
| 2Y | 72800 | Information Technology Equipmt | NCDM: IT infrastructure and Disaster Management Information System (DMIS) and Early Warning System at the NCDM. (Ref. NCDM Budget Detail): 1 IT Equipment & Software , 1 ITC Equipment @ 40000 = 40000 | 1 | IT Equipment & Software | 40,000.00 | 40,000.00 |
| 2Z | 75700 | Training, Workshops and Conference | NCDM: TOT training, National Simulation Exercise to test the knowledge, training on project/program design, a Training of Trainers (ToT) program for Disaster Partners (DPs) and Non-Governmental Organizations (NGOs).(Ref. NCDM Budget Detail): 4 trainings , 1 training @ 17500 = 70000 | 4 | trainings | 17,500.00 | 70,000.00 |
| | | | **Sub-Total NCDM** | | | | **350,000.00** |
| 2AA | 71300 | Local Consultants | IFRC: Local consultants: 1 Year , 1 Year @ 50000 = 50000 | 1 | Year | 50,000.00 | 50,000.00 |
| 2BB | 71600 | Travel | IFRC: Travel: 1 Year , 1 Year @ 35000 = 35000 | 1 | Year | 35,000.00 | 35,000.00 |
| 2CC | 71800 | Contractual Services-Imp Partn | IFRC: Staff Cost : 2 Years , 1 Year @ 70000 = 140000 | 2 | Years | 70,000.00 | 140,000.00 |
| 2DD | 72200 | Equipment and Furniture | IFRC: Equipment: 1 Year , 1 Year @ 35000 = 35000 | 1 | Year | 35,000.00 | 35,000.00 |
| 2EE | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | IFRC: Professional/ Contractual Services : 1 Year , 1 Year @ 25000 = 25000 | 1 | Year | 25,000.00 | 25,000.00 |
| 2FF | 75700 | Training, Workshops and Conference | IFRC: Training, workshops, and conference: 1 Year , 1 Year @ 115000 = 115000 | 1 | Year | 115,000.00 | 115,000.00 |
| | | | **Sub-Total IFRC** | | | | **400,000.00** |
| 2GG | 71600 | Travel | PIN: Travel cost. Install X number of river gauges and Y number of drought gauges in the target provinces and rehabilitate install. (Ref. PIN's detail budget): 1 Year , 1 lumpsum @ 10200 = 10200 | 1 | Year | 10,200.00 | 10,200.00 |
| 2HH | 71800 | Contractual Services-Imp Partn | PIN: Staff cost (Head of Programme, EWS Project Manager, Project coordinator,EWS1294 Technical Specialist, EWS1294 Project Officer, EWS1294 Project Officer), Install X number of river gauges and Y number of drought gauges in the target provinces. (Ref. PIN's detail budget): 1 Year , 1 lumpsum @ 13449.18 = 13449.18 | 1 | Year | 13,449.18 | 13,449.18 |

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| 2II | 72100 | Contractual Services-Companies | PIN: Contractual Service for Baseline Survey, Needs assessment. Install X number of river gauges and Y number of drought gauges in the target provinces and rehabilitate install meteorological. (Ref. PIN's detail budget): 1 Year , 1 company @ 4000 = 4000 | 1 | Year | 4,000.00 | 4,000.00 |
| 2JJ | 72200 | Equipment and Furniture | PIN: Water flow curve and additional river sensors. (Ref. PIN's detail budget): 2 sensors , 1 sensor @ 17500 = 35000 | 2 | sensors | 17,500.00 | 35,000.00 |
| 2KK | 72400 | Communic & Audio Visual Equip | PIN: Communication cost. (Ref. PIN's detail budget): 1 Com Cost , 1 lumpsum @ 1180 = 1180 | 1 | Com Cost | 1,180.00 | 1,180.00 |
| 2LL | 75700 | Training, Workshops and Conference | PIN: Workshop and Training. (Ref. PIN's detail budget): 1 Workshop , 1 lumpsum @ 4500 = 4500 | 1 | Workshop | 4,500.00 | 4,500.00 |
| | | | **Sub-Total PIN** | | | | **68,329.18** |
| 2MM | 71600 | Travel | Action Aid: Trave cost. Ref. AAC detail budget: 3 Years , 1 Year @ 12000 = 36000 | 3 | Years | 12,000.00 | 36,000.00 |
| 2NN | 71800 | Contractual Services-Imp Partn | Action Aid: Staff cost. Ref. AAC detail budget: 3 Years , 1 Year @ 119074.136666667 = 357222.41 | 3 | Years | 119,074.14 | 357,222.41 |
| 2OO | 72100 | Contractual Services-Companies | Action Aid: Install new GWLM stations & Replace. Ref. AAC detail budget: 3 Years , 1 Year @ 47133.3333333333 = 141400 | 3 | Years | 47,133.33 | 141,400.00 |
| 2PP | 72400 | Communic & Audio Visual Equip | Action Aid: Website hosting and phone cards for GWLM sensors . Ref. AAC detail budget: 3 Years , 1 Year @ 2054.4 = 6163.2 | 3 | Years | 2,054.40 | 6,163.20 |
| 2QQ | 72500 | Supplies | Action Aid: Office Supplies/cleansing. Ref. AAC detail budget: 3 Years , 1 Year @ 600 = 1800 | 3 | Years | 600.00 | 1,800.00 |
| 2RR | 72800 | Information Technology Equipmt | Action Aid: IT equipment (laptop) .Ref. AAC detail budget: 1 computer , 1 computer @ 1600 = 1600 | 1 | computer | 1,600.00 | 1,600.00 |
| 2SS | 73100 | Rental & Maintenance-Premises (Office Space&Utilities) | Action Aid: Office rental and utilities. Ref. AAC detail budget: 3 Years , 1 Year @ 7083 = 21249 | 3 | Years | 7,083.00 | 21,249.00 |
| 2TT | 74200 | Audio Visual&Print Prod Costs | Action Aid: Project visibility material. Ref. AAC detail budget: 3 Years , 1 Year @ 3333.33333333333 = 10000 | 3 | Years | 3,333.33 | 10,000.00 |
| 2UU | 75700 | Training, Workshops and Conference | Action Aid: Workshop and Training. Ref. AAC detail budget: 3 Years , 1 Year @ 24333.3333333333 = 73000 | 3 | Years | 24,333.33 | 73,000.00 |
| | | | **Sub-Total Action Aid** | | | | **648,434.61** |
| 2VV | 75700 | Training, Workshops and Conference | MOWRAM HR development plan -involvement in training, mentoring and coordination (Possible to engage through an LOA): 2 Years , 1 lumpsum @ 75000 = 150000 | 2 | Years | 75,000.00 | 150,000.00 |
| | | | **Sub-Total MOWRAM** | | | | **150,000.00** |
| 2WW | 71600 | Travel | RIMES. Travel cost. (Ref. RIMES detail budget): 1 Year , 1 lumpsum @ 10200 = 10200 | 1 | Year | 10,200.00 | 10,200.00 |

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|---|---|---|---|---|---|---|---|
| | 71600 | Travel | RIMES: Travel cost. (Ref. RIMES detail budget): 5 Years , 1 Year @ 5600 = 28000 | 5 | Years | 5,600.00 | 28,000.00 |
| | 71600 | Travel | RIMES. Travel cost. (Ref. RIMES detail budget): 5 Years , 1 Year @ 8900 = 44500 | 5 | Years | 8,900.00 | 44,500.00 |
| | 71600 | Travel | RIMES: Travel cost. (Ref. RIMES detail budget): 2 Years , 1 Year @ 17110 = 34220 | 2 | Years | 17,110.00 | 34,220.00 |
| | 71600 | Travel | RIMES: Insurance. (Ref. RIMES detail budget): 2 Years , 1 Year @ 1250 = 2500 | 2 | Years | 1,250.00 | 2,500.00 |
| 2XX | 71800 | Contractual Services-Imp Partn | RIMES: Staff and personnel cost. (Ref. RIMES detail budget): 5 Years , 1 Year @ 88440 = 442200 | 5 | Years | 88,440.00 | 442,200.00 |
| 2YY | 72800 | Information Technology Equipmt | RIMES: ICT equipment (Workstation, Laptops, software and services) .(Ref. RIMES detail budget): 5 Years , 1 Year @ 7200 = 36000 | 5 | Years | 7,200.00 | 36,000.00 |
| 2ZZ | 73100 | Rental & Maintenance-Premises (Office Space&Utilities) | RIMES. Operation support cost-5%. (Ref. RIMES detail budget): 5 Years , 1 Year @ 8565.6 = 42828 | 5 | Years | 8,565.60 | 42,828.00 |
| 2AAA | 75700 | Training, Workshops and Conference | RIMES: Meeting and Training cost . (Ref. RIMES detail budget): 1 Year , 1 lumpsum @ 2000 = 2000 | 1 | Year | 2,000.00 | 2,000.00 |
| | 75700 | Training, Workshops and Conference | RIMES. Workshop/Training. (Ref. RIMES detail budget): 5 Years , 1 Year @ 18000 = 90000 | 5 | Years | 18,000.00 | 90,000.00 |
| | 75700 | Training, Workshops and Conference | RIMES. Workshop/Training. (Ref. RIMES detail budget): 5 Years , 1 Year @ 8316 = 41580 | 5 | Years | 8,316.00 | 41,580.00 |
| | 75700 | Training, Workshops and Conference | RIMES: Workshop/Tranining. (Ref. RIMES detail budget): 5 Years , 1 Year @ 25073.8 = 125369 | 5 | Years | 25,073.80 | 125,369.00 |
| | | | **Sub-Total RIMES** | | | | **899,397.00** |
| | | | **TOTAL OUTPUT2** | | | | **4,345,637.52** |
| 3A | 61300 | Salary & Post Adj Cst-IP Staff | CTA-Technical Advisor(P4). 11% Deliver daily technical support across three key areas: • Strengthening Governance and Coordination. • Advancing Disaster Risk Knowledge and Observations. • Enhancing Warning Dissemination and Preparedness. • Technical support and strategic guidance during the high leadership discussion with government and UN agencies as well as CSOs for the establishment of a coordination mechanism. • Technical inputs on reporting and project assessments: 5 Years , 1 Year @ 27115 = 135575 | 5 | Years | 27,115.00 | 135,575.00 |
| | 61300 | Salary & Post Adj Cst-IP Staff | UNDP Technical assistance provided on warning dissemination channels: Expertise to Disaster messaging design and consistency -Common Alert Protocol (CAP): 1 UNDP staff Cost , 1 lumpsum @ 20000 = 20000 | 1 | UNDP staff Cost | 20,000.00 | 20,000.00 |
| | 61300 | Salary & Post Adj Cst-IP Staff | UNDP-Technical assistance provided on warning dissemination channels: Expertise for countries to set up CAP-enabled systems: 1 UNDP staff Cost , 1 lumpsum @ 20000 = 20000 | 1 | UNDP staff Cost | 20,000.00 | 20,000.00 |

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| | 61300 | Salary & Post Adj Cst-IP Staff | UNDP Technical assistance provided on warning dissemination channels: Expertise to oversight of Community Early Warning Systems: 1 UNDP staff Cost , 1 lumpsum @ 20000 = 20000 | 1 | UNDP staff Cost | 20,000.00 | 20,000.00 |
| | 61300 | Salary & Post Adj Cst-IP Staff | UNDP-Technical assistance for countries to set up cell broadcast: expertise to advice on the CB solution to be implemented: 1 UNDP staff cost , 1 lumpsum @ 40000 = 40000 | 1 | UNDP staff cost | 40,000.00 | 40,000.00 |
| | 61300 | Salary & Post Adj Cst-IP Staff | UNDP-Technical assistance for countries to set up cell broadcast: expertise to a Request of information to mobile providers & Draft bidding documents for market analysis & Review market analysis: 1 UNDP staff cost , 1 lumpsum @ 10000 = 10000 | 1 | UNDP staff cost | 10,000.00 | 10,000.00 |
| 3B | 71200 | International Consultants | International Consultant for A1. Dissemination landscaping-review population needs (40 days x 650): 1 consultant , 1 lumpsum @ 28600 = 28600 | 1 | consultant | 28,600.00 | 28,600.00 |
| | 71200 | International Consultants | Global technical support including i) access to international subject experts technical advisors and facilities spanning the four pillars; ii) experts on SE safeguards, inclusion, FCAS and impact assessments; iii) participation in retreats and knowledge sharing events; and iv) for country level field missions and engagements.: 5 Years , 1 Year @ 35700 = 178500 | 5 | Years | 35,700.00 | 178,500.00 |
| | 71200 | International Consultants | UNDP-Dissemination landscaping - Review of population needs : International Consultant Review of population needs using the UNDP's Connectivity, Needs and Usage Assessment (CoNUA) toolkit2: 1 Consultant , 1 lumpsum @ 34650 = 34650 | 1 | Consultant | 34,650.00 | 34,650.00 |
| | 71200 | International Consultants | UNDP-Inclusion landscaping–International Consultant to develop an alert dissemination plan/strategy on where and how to implement and/or include (in addition to the CB system) : 1 consultant , 1 lumpsum @ 20700 = 20700 | 1 | consultant | 20,700.00 | 20,700.00 |
| | 71200 | International Consultants | UNDP-Stakeholder engagement and coordination: international consultant to review and document the Current status of warning dissemination and communication systems (10days x US$700): 1 consultant , 1 lumpsum @ 7700 = 7700 | 1 | consultant | 7,700.00 | 7,700.00 |
| | 71200 | International Consultants | UNDP-Stakeholder engagement and coordination: International consultant to Complete national checklists, develop national roadmaps (RMs), and conduct country-level assessment (10 days x US$700): 1 consultant , 1 lumpsum @ 7700 = 7700 | 1 | consultant | 7,700.00 | 7,700.00 |
| | 71200 | International Consultants | UNDP-Stakeholder engagement and coordination: international consultant to Conduct country level assessment on the availability, resilience, and coverage of mobile networks (20 days x US$700): 1 consultant , 1 lumpsum @ 15400 = 15400 | 1 | consultant | 15,400.00 | 15,400.00 |
| | 71200 | International Consultants | UNDP-Stakeholder engagement and coordination: international consultant to Conduct assessment of current legislation and SOPs (20 days x US$700): 1 consultant , 1 lumpsum @ 15400 = 15400 | 1 | consultant | 15,400.00 | 15,400.00 |

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| | 71200 | International Consultants | UNDP-Stakeholder engagement and coordination: International consultant to raise awareness for countries to update their WMO registry &to support countries in developing National Emergency Telecommunication Plan (NETP) (30 days x US$700): 1 consultant , 1 lumpsum @ 24150 = 24150 | 1 | consultant | 24,150.00 | 24,150.00 |
| | 71200 | International Consultants | UNDP-Stakeholder engagement and coordination: international consultant to raise awareness for countries to organize national workshops on pillar 3 and gather information and bring together stakeholders. (10 days x US$700) : 1 consultant , 1 lumpsum @ 7700 = 7700 | 1 | consultant | 7,700.00 | 7,700.00 |
| | 71200 | International Consultants | UNDP-Stakeholder engagement and coordination: International Consultant to coordinate between experts and stakeholders at the national level (100 days x US$700): 1 consultant , 1 lumpsum @ 77000 = 77000 | 1 | consultant | 77,000.00 | 77,000.00 |
| | 71200 | International Consultants | International consultant to support on Upgrade MOWRAM's online presence and EW dissemination channels: 1 Consultant , 1 lumpsum @ 44000 = 44000 | 1 | Consultant | 44,000.00 | 44,000.00 |
| 3C | 71300 | Local Consultants | National Consultant for Dissemination landscaping-review population needs: 2 consultants , 1 lumpsum @ 16100 = 32200 | 2 | consultants | 16,100.00 | 32,200.00 |
| | 71300 | Local Consultants | Consultant to develop an alert dissemination plan/strategy : 30 days , 1 day @ 690 = 20700 | 30 | days | 690.00 | 20,700.00 |
| | 71300 | Local Consultants | UNDP-Dissemination landscaping - Review of population needs : Local Consultant Review of population needs using the UNDP's Connectivity, Needs and Usage Assessment (CoNUA) toolkit2: 2 consultants , 1 consultant @ 18112.5 = 36225 | 2 | consultants | 18,112.50 | 36,225.00 |
| | 71300 | Local Consultants | UNDP-Inclusion landscaping : Local consultant to develop an alert dissemination plan/strategy on where and how to implement and/or include (in addition to the CB system) : 1 consultant , 1 lumpsum @ 12075 = 12075 | 1 | consultant | 12,075.00 | 12,075.00 |
| | 71300 | Local Consultants | UNDP-Stakeholder engagement and coordination: Local consultant to review and document the Current status of warning dissemination and communication systems (10days x US$350): 1 consultant , 1 lumpsum @ 4025 = 4025 | 1 | consultant | 4,025.00 | 4,025.00 |
| | 71300 | Local Consultants | UNDP-Stakeholder engagement and coordination: Local consultant to Complete national checklists, develop national roadmaps (RMs), and conduct country-level assessment (10days x US$350): 1 consultant , 1 lumpsum @ 4025 = 4025 | 1 | consultant | 4,025.00 | 4,025.00 |
| | 71300 | Local Consultants | UNDP-Stakeholder engagement and coordination: local consultant to Conduct country level assessment on the availability, resilience, and coverage of mobile networks (20 days x US$350): 1 consultant , 1 lumpsum @ 8050 = 8050 | 1 | consultant | 8,050.00 | 8,050.00 |
| | 71300 | Local Consultants | UNDP-Stakeholder engagement and coordination: local consultant to Conduct assessment of current legislation and SOPs (20 days x US$350): 1 consultant , 1 lumpsum @ 8050 = 8050 | 1 | consultant | 8,050.00 | 8,050.00 |



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| | 71300 | Local Consultants | UNDP-Stakeholder engagement and coordination: Local consultant to raise awareness for countries to update their WMO registry &to support countries in developing National Emergency Telecommunication Plan (NETP) (20 days x US$350): 1 consultant , 1 lumpsum @ 8050 = 8050 | 1 | consultant | 8,050.00 | 8,050.00 |
| | 71300 | Local Consultants | UNDP-Stakeholder engagement and coordination: international consultant to raise awareness for countries to organize national workshops on pillar 3 and gather information and bring together stakeholders. (20 days x US$350) : 1 consultant , 1 lumpsum @ 8050 = 8050 | 1 | consultant | 8,050.00 | 8,050.00 |
| | 71300 | Local Consultants | UNDP-Stakeholder engagement and coordination: Local Consultant to coordinate between experts and stakeholders at the national level (100 days x US$350): 1 consultant , 1 lumpsum @ 40250 = 40250 | 1 | consultant | 40,250.00 | 40,250.00 |
| | 71300 | Local Consultants | Local consultant to support on Upgrade MOWRAM's online presence and EW dissemination channels: 1 consultant , 1 lumpsum @ 23000 = 23000 | 1 | consultant | 23,000.00 | 23,000.00 |
| 3D | 71400 | Contractual Services – Individ | UNDP: staff costs : 1 Staff , 1 lumpsum @ 11500 = 11500 | 1 | Staff | 11,500.00 | 11,500.00 |
| 3E | 71600 | Travel | Travel cost for Dissemination landscaping-review population needs: 1 trip , 1 lumpsum @ 15215 = 15215 | 1 | trip | 15,215.00 | 15,215.00 |
| | 71600 | Travel | Field monitoring for design of early warning dissemination systems. : 4 years , 1 year @ 13500 = 54000 | 4 | years | 13,500.00 | 54,000.00 |
| | 71600 | Travel | UNDP-Dissemination landscaping - Review of population needs :Travel cost for international/local consultant ( travel from Europe and DSA and travel within Cambodia for 6 weeks 2 weeks in PP and 1 week each per province): 2 trips , 1 trip @ 6500 = 13000 | 2 | trips | 6,500.00 | 13,000.00 |
| | 71600 | Travel | UNDP-Inclusion landscaping : Travel cost for two consultant to province to develop an alert dissemination plan/strategy on where and how to implement and/or include (in addition to the CB system) : 1 Trip , 1 lumpsum @ 5500 = 5500 | 1 | Trip | 5,500.00 | 5,500.00 |
| | 71600 | Travel | UNDP-Co-creation workshops - Co-creation with partners for design of early warning dissemination systems: Annual field visit by international consultant for 2 weeks plus write and follow up: 4 Years , 1 Year @ 20500 = 82000 | 4 | Years | 20,500.00 | 82,000.00 |
| | 71600 | Travel | UNDP-Stakeholder engagement and coordination: Travel cost for National and International consultant to coordinate between experts and stakeholders at the national level: 1 Year , 1 lumpsum @ 15500 = 15500 | 1 | Year | 15,500.00 | 15,500.00 |
| | 71600 | Travel | UNDP-Technical assistance for countries to set up cell broadcast: Travel cost for expertise to a Request of information to mobile providers & Draft bidding documents for market analysis & Review market analysis: 1 trip , 1 trip @ 10500 = 10500 | 1 | trip | 10,500.00 | 10,500.00 |

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| 3F | 72100 | Contractual Services-Companies | Contractual company for the assessment and research on Dissemination landscaping-focused on sampling & combining quantitiative and qualitative method : 4 provinces , 1 lumpsum @ 11000 = 44000 | 4 | provinces | 11,000.00 | 44,000.00 |
| | 72100 | Contractual Services-Companies | UNDP-Dissemination landscaping : contractual company to conduct research for focusing on inclusion through focused sampling and combining quantitative and qualitative methods: 1 contract , 1 lumpsum @ 44000 = 44000 | 1 | contract | 44,000.00 | 44,000.00 |
| | 72100 | Contractual Services-Companies | Upgrade MOWRAM's online presence and EW dissemination channels including Facebook and a combined website : 1 Contract , 1 lumpsum @ 210000 = 210000 | 1 | Contract | 210,000.00 | 210,000.00 |
| | 72100 | Contractual Services-Companies | Contract services company (Equipment or Web developer ) for developing and rollout a MOWRAM app: 1 company , 1 lumpsum @ 49500 = 49500 | 1 | company | 49,500.00 | 49,500.00 |
| 3G | 72800 | Information Technology Equipmt | ITC equipment to Upgrade MOWRAM's online presence and EW dissemination channels: 1 Equipment , 1 lumpsum @ 33000 = 33000 | 1 | Equipment | 33,000.00 | 33,000.00 |
| 3H | 73300 | Rental & Maint of Info Tech Eq | Ongoing maintenance of the sites above as well as ongoing mentoring for MOWRAM staff for 3 years : 3 Years , 1 Year @ 23000 = 69000 | 3 | Years | 23,000.00 | 69,000.00 |
| 3I | 75700 | Training, Workshops and Conference | Co-creation workshops for design of early warning dissemination systems. (1 national workshop & 4 provincial workshop: 4 workshops , 1 workshop @ 6500 = 26000 | 4 | workshops | 6,500.00 | 26,000.00 |
| | 75700 | Training, Workshops and Conference | One international workshop on inclusion in dissemination in Europ: 2 CO staffs , 1 Staff @ 5500 = 11000 | 2 | CO staffs | 5,500.00 | 11,000.00 |
| | 75700 | Training, Workshops and Conference | UNDP-Co-creation workshops - Co-creation with partners for design of early warning dissemination systems: One National workshop: 1 Workshop , 1 lumpsum @ 10500 = 10500 | 1 | Workshop | 10,500.00 | 10,500.00 |
| | 75700 | Training, Workshops and Conference | UNDP-Co-creation workshops - Co-creation with partners for design of early warning dissemination systems: four workshops in four provinces: 4 workshops , 1 workshop @ 5500 = 22000 | 4 | workshops | 5,500.00 | 22,000.00 |
| | 75700 | Training, Workshops and Conference | UNDP-Co-creation workshops - Co-creation with partners for design of early warning dissemination systems: One international workshop on inclusion in dissemination for 2 UNDP CO staff in Europe for 1 week. : 2 staffs , 1 staff @ 15500 = 31000 | 2 | staffs | 15,500.00 | 31,000.00 |
| | 75700 | Training, Workshops and Conference | UNDP-Stakeholder engagement and coordination: National Workshop to raise awareness for countries to organize national workshops on pillar 3 and gather information and bring together stakeholders. : 1 workshop , 1 lumpsum @ 10500 = 10500 | 1 | workshop | 10,500.00 | 10,500.00 |
| | 75700 | Training, Workshops and Conference | UNDP-Stakeholder engagement and coordination: Workshop to coordinate between experts and stakeholders at the national level: 1 workshop , 1 lumpsum @ 10500 = 10500 | 1 | workshop | 10,500.00 | 10,500.00 |

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| | 75700 | Training, Workshops and Conference | UNDP-Technical assistance provided on warning dissemination channels: Workshop on Common Alerting Protocol (CAP) : 1 workshop , 1 workshop @ 5500 = 5500 | 1 | workshop | 5,500.00 | 5,500.00 |
| | 75700 | Training, Workshops and Conference | UNDP-Technical assistance provided on warning dissemination channels: co-design workshops together with government, academia, civil society organizations and community members to develop/harmonize and contextualize actionable messages (1 in Phnom Penh & 4 in provinces: 5 workshops , 1 workshop @ 6500 = 32500 | 5 | workshops | 6,500.00 | 32,500.00 |
| | 75700 | Training, Workshops and Conference | Dissemination workshop or capacity building to MOWRAM staff: 2 workshops , 1 workshop @ 15500 = 31000 | 2 | workshops | 15,500.00 | 31,000.00 |
| | | | **Sub-Total UNDP** | | | | **1,758,990.00** |
| 3J | 71600 | Travel | IFRC: Travel: 1 Year , 1 Year @ 10000 = 10000 | 1 | Year | 10,000.00 | 10,000.00 |
| 3K | 71800 | Contractual Services-Imp Partn | IFRC: Staff cost: 2 Years , 1 Year @ 45000 = 90000 | 2 | Years | 45,000.00 | 90,000.00 |
| 3L | 72200 | Equipment and Furniture | IFRC: Equipment: 1 Year , 1 Year @ 35000 = 35000 | 1 | Year | 35,000.00 | 35,000.00 |
| 3M | 75700 | Training, Workshops and Conference | IFRC: Workshop and Training: 1 Year , 1 Year @ 65000 = 65000 | 1 | Year | 65,000.00 | 65,000.00 |
| | | | **Sub-Total IFRC** | | | | **200,000.00** |
| 3N | 71200 | International Consultants | PIN: International consultant for integration and testing, Dashboard update, testing and validation and develop a national EWS dissemination strategy. Ref. PIN's budget detail: 4 Consultants , 1 consultant @ 9125 = 36500 | 4 | Consultants | 9,125.00 | 36,500.00 |
| 3O | 71300 | Local Consultants | PIN: Local consultant for IT consultancy, Endline survey, and final evaluation. Facilitate the alignment and coordination of mobile network providers and government and non-government stakeholders. Ref. PIN's budget detail: 3 Consultants , 1 consultant @ 7677 = 23031 | 3 | Consultants | 7,677.00 | 23,031.00 |
| 3P | 71600 | Travel | PIN: Travel cost for Identification and evaluation of external databases. Facilitate the alignment and coordination of mobile network providers and government and non-government stakeholders. Ref. PIN's budget detail: 3 Years , 1 Year @ 19703 = 59109 | 3 | Years | 19,703.00 | 59,109.00 |
| 3Q | 71800 | Contractual Services-Imp Partn | PIN: Staff Cost . Refer to PIN's detail budget. Ref. PIN's budget detail: 3 Years , 1 Year @ 42061 = 126183 | 3 | Years | 42,061.00 | 126,183.00 |
| 3R | 72100 | Contractual Services-Companies | PIN: Contractual company for support regular main tenant. Ref. PIN's budget detail: 3 Years , 1 firm @ 10000 = 30000 | 3 | Years | 10,000.00 | 30,000.00 |
| 3S | 72400 | Communic & Audio Visual Equip | PIN: Communication Cost (fliers, banners, print, boosting) . Ref. PIN's budget detail: 3 Years , 1 lumpsum @ 4720 = 14160 | 3 | Years | 4,720.00 | 14,160.00 |

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| 3T | 73100 | Rental & Maintenance-Premises (Office Space&Utilities) | PIN: Office rental and Office running costs and consumables . Ref. PIN's budget detail: 3 Years , 1 year @ 10100 = 30300 | 3 | Years | 10,100.00 | 30,300.00 |
| 3U | 75700 | Training, Workshops and Conference | PIN: Workshop and training (Data-sharing agreement with MOWRAM, data alignment , Conduct cross-border workshops and meetings, Establish communication channels with neighboring provinces, strategy presentation sessions, Set up technical working groups . Ref. PIN's budget detail: 3 Years , 1 Year @ 16933.3333333333 = 50800 | 3 | Years | 16,933.33 | 50,800.00 |
| | | | **Sub-Total PIN** | | | | **370,083.00** |
| 3V | 71200 | International Consultants | ITU: Provide technical support on risk of communications from perspective of end users to recommend measures for communications to be inclusive of marginalized groups. Local consultant. Provide technical expertise in local context to assist international consultant.: 2 Years , 1 consultant @ 78000 = 156000 | 2 | Years | 78,000.00 | 156,000.00 |
| | 71200 | International Consultants | ITU: Conduct assessment of availability, resilience, and coverage of mobile networks including using Disaster Connectivity Maps. Team of two international consultants with expertise. Lumpsum USD15000*2=USD30,000: 2 consultants , 1 lumpsum @ 15000 = 30000 | 2 | consultants | 15,000.00 | 30,000.00 |
| | 71200 | International Consultants | ITU: Conduct assessment of current legislation and SOPs to implement EWS based on cell broadcast and other means of alert diffusion. International consultant with expertise. Lumpsum USD12,000: 1 consultant , 1 lumpsum @ 12000 = 12000 | 1 | consultant | 12,000.00 | 12,000.00 |
| | 71200 | International Consultants | ITU: Development of National Emergency Telecommunication Plan (NETP) framework. International consultant with expertise. Lumpsum USD20,000: 1 consultant , 1 lumpsum @ 20000 = 20000 | 1 | consultant | 20,000.00 | 20,000.00 |
| | 71200 | International Consultants | ITU: Carry out simulation training. International consultant with expertise. Lumpsum USD12,000: 1 consultant , 1 lumpsum @ 12000 = 12000 | 1 | consultant | 12,000.00 | 12,000.00 |
| | 71200 | International Consultants | ITU: Conduct CAP workshop. International consultant with expertise. Lumpsum USD12,000: 1 consultant , 1 lumpsum @ 12000 = 12000 | 1 | consultant | 12,000.00 | 12,000.00 |
| | 71200 | International Consultants | ITU:Technical assistance to set-up CAP. International consultant with expertise. Lumpsum USD18,000: 1 consultant , 1 lumpsum @ 18000 = 18000 | 1 | consultant | 18,000.00 | 18,000.00 |
| | 71200 | International Consultants | ITU: Conduct comprehensive assessment for mobile network operators of their existing network and readiness to implement cell broadcast. International consultant. Lumpsum USD60,000: 1 consultant , 1 lumpsum @ 60000 = 60000 | 1 | consultant | 60,000.00 | 60,000.00 |
| | 71200 | International Consultants | ITU: Develop technical documentation for procurement of cell broadcast system. International consultant. Lumpsum USD120,000: 1 consultant , 1 lumpsum @ 120000 = 120000 | 1 | consultant | 120,000.00 | 120,000.00 |

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| | 71300 | Local Consultants | ITU: Provide technical support on risk of communications from perspective of end users to recommend measures for communications to be inclusive of marginalized groups. Local consultant. Provide technical expertise in local context to assist international consultant. (60days x $400): 2 Years , 1 consultant @ 12000 = 24000 | 2 | Years | 12,000.00 | 24,000.00 |
| 3W | 71300 | Local Consultants | ITU: Conduct gap analysis, complete national checklist and conduct country-level assessment. Local consultant with telecommunications technical and expertise in telecommunications sector. USD400*75=USD30,000: 1 consultant , 75 days @ 400 = 30000 | 75 | days | 400.00 | 30,000.00 |
| | 71300 | Local Consultants | ITU: Organize workshops and coordination with international consultants and stakeholders. Local consultant with telecommunications technical and expertise in telecommunications sector, to coordinate with international consultants on technical Disaster Connectivity Map, legislation assessment, NETP, cell broadcast study. USD400*60=USD24,000: 1 consultant , 60 days @ 400 = 24000 | 60 | days | 400.00 | 24,000.00 |
| | 71600 | Travel | ITU: Technical support on risk of communications from perspective of end users to recommend measures for communications to be inclusive of marginalized groups. Travel x 2. USD5000x2=USD10,000: 2 years , 1 Year @ 5000 = 10000 | 2 | years | 5,000.00 | 10,000.00 |
| | 71600 | Travel | ITU:Conduct assessment of current legislation and SOPs to implement EWS based on cell broadcast and other means of alert diffusion. Travel. USD5000: 1 Lumpsum , 1 lumpsum @ 5000 = 5000 | 1 | Lumpsum | 5,000.00 | 5,000.00 |
| | 71600 | Travel | ITU:Development of National Emergency Telecommunication Plan (NETP) framework. Travel. USD5,000: 1 Lumpsum , 1 lumpsum @ 5000 = 5000 | 1 | Lumpsum | 5,000.00 | 5,000.00 |
| 3X | 71600 | Travel | ITU:Carry out simulation training. Travel. USD5000: 1 Lumpsum , 1 lumpsum @ 5000 = 5000 | 1 | Lumpsum | 5,000.00 | 5,000.00 |
| | 71600 | Travel | ITU:Conduct CAP workshop. Travel. USD5000: 1 Lumpsum , 1 lumpsum @ 5000 = 5000 | 1 | Lumpsum | 5,000.00 | 5,000.00 |
| | 71600 | Travel | ITU:Technical assistance to set-up CAP. Travel. USD5000: 1 Lumpsum , 1 lumpsum @ 5000 = 5000 | 1 | Lumpsum | 5,000.00 | 5,000.00 |
| | 71600 | Travel | ITU:Conduct comprehensive assessment for mobile network operators of their existing network and readiness to implement cell broadcast. Travel. USD5000: 1 Lumpsum , 1 lumpsum @ 5000 = 5000 | 1 | Lumpsum | 5,000.00 | 5,000.00 |
| | 71600 | Travel | ITU:Develop technical documentation for procurement of cell broadcast system. Travel x 2 = USD10,000: 1 Lumpsum , 1 lumpsum @ 10000 = 10000 | 1 | Lumpsum | 10,000.00 | 10,000.00 |

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| 3Y | 75700 | Training, Workshops and Conference | ITU: Technical support on risk of communications from perspective of end users to recommend measures for communications to be inclusive of marginalized groups. Venue x 2. USD5000 x2=USD10000: 2 years , 1 workshop @ 5000 = 10000 | 2 | years | 5,000.00 | 10,000.00 |
| | 75700 | Training, Workshops and Conference | ITU: Conduct assessment of current legislation and SOPs to implement EWS based on cell broadcast and other means of alert diffusion. Venue. USD5000: 1 workshop , 1 lumpsum @ 5000 = 5000 | 1 | workshop | 5,000.00 | 5,000.00 |
| | 75700 | Training, Workshops and Conference | ITU: Development of National Emergency Telecommunication Plan (NETP) framework. Venue USD5,000: 1 workshop , 1 lumpsum @ 5000 = 5000 | 1 | workshop | 5,000.00 | 5,000.00 |
| | 75700 | Training, Workshops and Conference | ITU: Carry out simulation training. Venue. USD5,000: 1 workshop , 1 lumpsum @ 5000 = 5000 | 1 | workshop | 5,000.00 | 5,000.00 |
| | 75700 | Training, Workshops and Conference | ITU: Conduct CAP workshop. Venue. USD5,000: 1 workshop , 1 lumpsum @ 5000 = 5000 | 1 | workshop | 5,000.00 | 5,000.00 |
| | 75700 | Training, Workshops and Conference | ITU: Technical assistance to set-up CAP. Venue. USD5,000: 1 workshop , 1 lumpsum @ 5000 = 5000 | 1 | workshop | 5,000.00 | 5,000.00 |
| | 75700 | Training, Workshops and Conference | ITU: Conduct comprehensive assessment for mobile network operators of their existing network and readiness to implement cell broadcast. Venue. USD5,000: 1 workshop , 1 lumpsum @ 5000 = 5000 | 1 | workshop | 5,000.00 | 5,000.00 |
| | 75700 | Training, Workshops and Conference | ITU: Develop technical documentation for procurement of cell broadcast system. Venue x 2 = USD10,000: 1 workshop , 1 lumpsum @ 10000 = 10000 | 1 | workshop | 10,000.00 | 10,000.00 |
| | | | **Sub-Total ITU** | | | | **618,000.00** |
| | | | **Sub total Activity3.1** | | | | **2,947,073.00** |
| 3Z | 71300 | Local Consultants | IFRC: Local consultants. (Ref. IFRC detail budget): 1 Year , 1 Year @ 15000 = 15000 | 1 | Year | 15,000.00 | 15,000.00 |
| 3AA | 71600 | Travel | IFRC: Travel. (Ref. IFRC detail budget): 1 Year , 1 Year @ 20000 = 20000 | 1 | Year | 20,000.00 | 20,000.00 |
| 3BB | 71800 | Contractual Services-Imp Partn | IFRC: Staff Cost. (Ref. IFRC detail budget): 3 Years , 1 Year @ 25000 = 75000 | 3 | Years | 25,000.00 | 75,000.00 |
| 3CC | 72200 | Equipment and Furniture | IFRC: Equipment. (Ref. IFRC detail budget): 1 Year , 1 Year @ 15000 = 15000 | 1 | Year | 15,000.00 | 15,000.00 |
| 3DD | 74100 | Professional Services (HACT Capacity Assessment, Audit | IFRC: Professional/ Contractual Services. (Ref. IFRC detail budget): 1 Year , 1 Year @ 15000 = 15000 | 1 | Year | 15,000.00 | 15,000.00 |

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| | | fees, Spot-checks, Legal fees, others) | | | | | |
| 3EE | 75700 | Training, Workshops and Conference | IFRC: Workshop/Training. (Ref. IFRC detail budget): 1 Year , 1 Year @ 60000 = 60000 | 1 | Year | 60,000.00 | 60,000.00 |
| | | | **Sub-Total IFRC** | | | | **200,000.00** |
| 3FF | 71300 | Local Consultants | NCDM: Consultant to Design a framework and platform to support the dissemination of disaster risk management information. (Ref. NCDM's detail budget): 1 Consultant , 1 consultant @ 10000 = 10000 | 1 | Consultant | 10,000.00 | 10,000.00 |
| 3GG | 71600 | Travel | NCDM: Vehicle rental . (Ref. NCDM's detail budget): 5 Years , 1 Year @ 500 = 2500 | 5 | Years | 500.00 | 2,500.00 |
| 3HH | 71800 | Contractual Services-Imp Partn | NCDM: Staff cost (Improved IT infrastructure and Disaster Management Information System (DMIS) and Early Warning System at the NCDM.)-20%. (Ref. NCDM's detail budget): 60 months , 1 month @ 408.333333333333 = 24500 | 60 | months | 408.33 | 24,500.00 |
| 3II | 72100 | Contractual Services-Companies | NCDM: Contractual Companies to Conduct a Capacity Needs Assessment for the disaster management committees . (Ref. NCDM's detail budget): 1 contract , 1 contract @ 10000 = 10000 | 1 | contract | 10,000.00 | 10,000.00 |
| 3JJ | 72500 | Supplies | NCDM: supplies. (Ref. NCDM's detail budget): 5 times , 1 time @ 250 = 1250 | 5 | times | 250.00 | 1,250.00 |
| 3KK | 72800 | Information Technology Equipmt | NCDM: Information Technologies equipment. (Ref. NCDM's detail budget): 2 computers , 1 computer @ 1500 = 3000 | 2 | computers | 1,500.00 | 3,000.00 |
| | 72800 | Information Technology Equipmt | NCDM: Information Technologies equipment.(Ref. NCDM's detail budget): 1 Printer , 1 printer @ 300 = 300 | 1 | Printer | 300.00 | 300.00 |
| 3LL | 75700 | Training, Workshops and Conference | NCDM: Workshop and training. (Ref. NCDM's detail budget): 4 Years , 1 Year @ 37112.5 = 148450 | 4 | Years | 37,112.50 | 148,450.00 |
| | | | **Sub-Total NCDM** | | | | **200,000.00** |
| | | | **Sub total Activity3.2** | | | | **400,000.00** |
| 3MM | 61300 | Salary & Post Adj Cst-IP Staff | Country Economist (P5)-15% will support on (1) Economic Analysis: Conducting cost-benefit analysis or modeling the economic impact of natural disasters such as floods or droughts, both with and without a robust, integrated early warning system in place. (2)Data Analytics and Oversight: Linking PRISM to other data points, including the NSPC's social protection registry, MoSVY's case management system, and MoE's vulnerability index, for comprehensive data analysis, disaster risk management, and responses.: 3.5 Years , 1 Year @ 41350 = 144725 | 3.5 | Years | 41,350.00 | 144,725.00 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3NN | 64300 | Staff Mgmt Costs - IP Staff | Policy Analyst (NOB)-30%: technical advice on shock-responsive social protection under output 3. Specific support will be Technical Advisory/Quality Assurance on SRSP: Providing advisory support and quality assurance for the potential shock-responsive social protection pilot with WFP, including program design, monitoring and evaluation (M&E), and policy support. This is a new initiative at the country level. Hence, technical advice from the policy analyst will be needed. : 4 Years , 1 Year @ 23486.47026 = 93945.88104 | 4 | Years | 23,486.47 | 93,945.88 |
| | 71300 | Local Consultants | Consultant to design and contruction site supervision (1. public buildings including hospitals, sanitation facilities, safe spaces / evacuation spaces, bus and train stations etc. Including fixed and mobile ramps, handrails, and signage. 2. Upgrading existing temporary shelters such as school or temple, piped water, elevated and roofed platforms, covered and well-ventilated kitchen areas ): 3 Years , 1 Year @ 8050 = 24150 | 3 | Years | 8,050.00 | 24,150.00 |
| | 71300 | Local Consultants | Consultant to develop M&E system for SR-GBSP: 1 consultant , 70 days @ 402.5 = 28175 | 70 | days | 402.50 | 28,175.00 |
| | 71300 | Local Consultants | Recruitment youth volunteer for home mentoring for 5,000 households (Possible to engage in NGOs or 4 provincial adminstrations): 3 Years , 1 Year @ 70000 = 210000 | 3 | Years | 70,000.00 | 210,000.00 |
| | 71300 | Local Consultants | Consultant to conduct impact evaluation of SP-GBSP programme-2 rounds: 2 round , 50 days @ 402.5 = 40250 | 100 | days | 402.50 | 40,250.00 |
| | 71300 | Local Consultants | Capacity need assessment to national and sub-national government and institution who are responsible for implementing the SR-GBSP : 1 consultant , 20 days @ 402.5 = 8050 | 20 | days | 402.50 | 8,050.00 |
| | 71300 | Local Consultants | Recruitment of 4 project officers to be attached at provincial administrations (Possible LOA): 2 Years , 1 lumpsum @ 11750 = 23500 | 2 | Years | 11,750.00 | 23,500.00 |
| 3PP | 71400 | Contractual Services – Individ | Project management specialist (Project Manager-NPSA10)-30%: 5 Years , 1 Year @ 13025.3064468 = 65126.532234 | 5 | Years | 13,025.31 | 65,126.53 |
| 3QQ | 71600 | Travel | Site visit and Field monitoring to 4 target provinces: 40 Trips , 1 trip @ 1700 = 68000 | 40 | Trips | 1,700.00 | 68,000.00 |
| | 71600 | Travel | Field monitoring on the usage of the M&E system (10 travelers incl. national counterpart): 11 trips , 1 trip @ 2500 = 27500 | 11 | trips | 2,500.00 | 27,500.00 |
| 3RR | 72100 | Contractual Services-Companies | Contruction cost (1. public buildings including hospitals, sanitation facilities, safe spaces / evacuation spaces, bus and train stations etc. Including fixed and mobile ramps, handrails, and signage. 2. Upgrading existing temporary shelters such as school or temple, piped water, elevated and roofed platforms, covered and well-ventilated kitchen areas ): 3 Years , 1 Year @ 87150 = 261450 | 3 | Years | 87,150.00 | 261,450.00 |



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|---|---|---|---|---|---|---|---|
| 3SS | 72200 | Equipment and Furniture | Equipment for construction Cost(1. public buildings including hospitals, sanitation facilities, safe spaces / evacuation spaces, bus and train stations etc. Including fixed and mobile ramps, handrails, and signage. 2. Upgrading existing temporary shelters such as school or temple, piped water, elevated and roofed platforms, covered and well-ventilated kitchen areas ): 3 Years , 1 Year @ 55000 = 165000 | 3 | Years | 55,000.00 | 165,000.00 |
| 3TT | 72400 | Communic & Audio Visual Equip | Communication cost (telephone card and extension) for Economy specialist & Policy analyst: 5 Years , 1 Year @ 1480 = 7400 | 5 | Years | 1,480.00 | 7,400.00 |
| 3UU | 73100 | Rental & Maintenance-Premises (Office Space&Utilities) | Office rental for project staff (Project Management Specialist-30%, M&E officer-50% ): 5 Years , 1 Year @ 2400 = 12000 | 5 | Years | 2,400.00 | 12,000.00 |
| 3VV | 73300 | Rental & Maint of Info Tech Eq | Maintenance of Equipment Cost(1. public buildings including hospitals, sanitation facilities, safe spaces / evacuation spaces, bus and train stations etc. Including fixed and mobile ramps, handrails, and signage. 2. Upgrading existing temporary shelters such as school or temple, piped water, elevated and roofed platforms, covered and well-ventilated kitchen areas ): 3 Years , 1 Year @ 11500 = 34500 | 3 | Years | 11,500.00 | 34,500.00 |
| 3WW | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | HACT Micro Assessment, Audit/spot-check implementing partners-(ITU & Action Aid): 4 Years , 1 Year @ 4400 = 17600 | 4 | Years | 4,400.00 | 17,600.00 |
| 3XX | 75700 | Training, Workshops and Conference | Consultation meeting with PDCM, PWDs, relevant stakeholders in 4 target provinces: 40 meetings , 1 meeting @ 1800 = 72000 | 40 | meetings | 1,800.00 | 72,000.00 |
| | 75700 | Training, Workshops and Conference | Two-days training to national focal persons on the usage of the developed M&E system (2 days x 30 participants): 2 trainings , 1 training @ 1300 = 2600 | 2 | trainings | 1,300.00 | 2,600.00 |
| | 75700 | Training, Workshops and Conference | Two-days training to sub-national focal persons on the usage of the developed M&E system (2 days x 50 participants): 4 trainings , 1 training @ 13500 = 54000 | 4 | trainings | 13,500.00 | 54,000.00 |
| | 75700 | Training, Workshops and Conference | Techincal and BCC training to 5000 households (HH). (Possible to engage in NGOs or 4 provincial adminstrations): 3 Years , 1 year @ 50000 = 150000 | 3 | Years | 50,000.00 | 150,000.00 |
| | 75700 | Training, Workshops and Conference | International study visit or training on shock responsive social protection and graduation models: 3 Years , 1 lumpsum @ 20000 = 60000 | 3 | Years | 20,000.00 | 60,000.00 |
| | | | **Sub-Total UNDP** | | | | **1,569,972.41** |

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|---|---|---|---|---|---|---|---|
| 3YY | 71200 | International Consultants | WFP: direct staffs cost (Head of Programme: 6%, SP Officer (IC): 54%, SRSP National Officer: 40%), 9%-Direct support cost, & 8%-Indirect support cost: 3 Years , 1 Year @ 39380.7085 = 118142.1255 | 3 | Years | 39,380.71 | 118,142.13 |
| 3ZZ | 71300 | Local Consultants | WFP: consultant to develop and/refine the scalability framework and the emergency cash transfer program (SRSP): 1 consultant , 30 days @ 682.5 = 20475 | 30 | days | 682.50 | 20,475.00 |
| | 71300 | Local Consultants | WFP: Consultant to develop M&E system for shock responsive social assistance deliveries: 1 consultant , 45 days @ 630 = 28350 | 45 | days | 630.00 | 28,350.00 |
| | 71300 | Local Consultants | WFP: Consultant to deliver two-days training national and sub-national actors to implement and manage SRSP mechanisms across multiple social protection programs.: 1 consultant , 20 days @ 367.5 = 7350 | 20 | days | 367.50 | 7,350.00 |
| 3AAA | 71400 | Contractual Services – Individ | WFP: direct staffs cost (Head of Programme: 6%, SP Officer (IC): 54%, SRSP National Officer: 40%), 9%-Direct support cost, & 8%-Indirect support cost: 3 Years , 1 Year @ 15112.2585 = 45336.7755 | 3 | Years | 15,112.26 | 45,336.78 |
| 3BBB | 72100 | Contractual Services-Companies | WFP: Test the emergency cash transfer program (SRSP): 1 lumpsum , 1 lumpsum @ 90300 = 90300 | 1 | lumpsum | 90,300.00 | 90,300.00 |
| | 72100 | Contractual Services-Companies | WFP: Consultant to conduct operational research to generate evidence and ensuring the efficiency as well as improving coherence between various social assistance mechanisms : 1 lumpsum , 1 lumpsum @ 47607.8295 = 47607.8295 | 1 | lumpsum | 47,607.83 | 47,607.83 |
| 3CCC | 75700 | Training, Workshops and Conference | WFP: Consultative workshop on the research findings and validate the key findings: 1 workshop , 60 participants @ 157.5 = 9450 | 60 | participants | 157.50 | 9,450.00 |
| | 75700 | Training, Workshops and Conference | WFP:Two-days training on the M&E system for shock responsive social assistance deliveries: 1 training , 50 participants @ 63 = 3150 | 50 | participants | 63.00 | 3,150.00 |
| | 75700 | Training, Workshops and Conference | WFP: Two-days training to national and sub-national actors to implement and manage SRSP mechanisms across multiple social protection programs.: 1 training , 250 participants @ 105 = 26250 | 250 | participants | 105.00 | 26,250.00 |
| | 75700 | Training, Workshops and Conference | WFP: Local NGO to support on the awareness raising on strengthening the resilience of vulnerable populations, with improved access to emergency assistance during crises. : 3 Years , 1 Year @ 17862.677 = 53588.031 | 3 | Years | 17,862.68 | 53,588.03 |
| | | | **Sub-Total WFP** | | | | **449,999.76** |
| 3DDD | 71600 | Travel | IFRC: Travel . (Ref. IFRC's detail budget): 1 Year , 1 Year @ 25000 = 25000 | 1 | Year | 25,000.00 | 25,000.00 |
| | 71600 | Travel | IFRC: Travel (Ref. budget detail): 1 Year , 1 Year @ 25000 = 25000 | 1 | Year | 25,000.00 | 25,000.00 |

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|---|---|---|---|---|---|---|---|
| 3EEE | 71800 | Contractual Services-Imp Partn | IFRC: Staff Cost . (Ref. IFRC's detail budget): 3 Years , 1 Year @ 58333.3333333333 = 175000 | 3 | Years | 58,333.33 | 175,000.00 |
| | 71800 | Contractual Services-Imp Partn | IFRC: Staff cost (Ref. budget detail): 2 Years , 1 Year @ 85000 = 170000 | 2 | Years | 85,000.00 | 170,000.00 |
| 3FFF | 72200 | Equipment and Furniture | IFRC: Equipment. (Ref. IFRC's detail budget): 1 Year , 1 Year @ 70000 = 70000 | 1 | Year | 70,000.00 | 70,000.00 |
| | 72200 | Equipment and Furniture | IFRC: Equipment ((Ref. budget detail): 1 Year , 1 Year @ 75000 = 75000 | 1 | Year | 75,000.00 | 75,000.00 |
| 3GGG | 75700 | Training, Workshops and Conference | IFRC: Workshop/Training. (Ref. IFRC's detail budget): 1 Year , 1 Year @ 130000 = 130000 | 1 | Year | 130,000.00 | 130,000.00 |
| | 75700 | Training, Workshops and Conference | IFRC: Training (Ref. budget detail): 1 Year , 1 Year @ 130000 = 130000 | 1 | Year | 130,000.00 | 130,000.00 |
| | | | **Sub-Total IFRC** | | | | **800,000.00** |
| 3HHH | 71300 | Local Consultants | PIN: Local Consultant for Development of a training curriculum , Mid-term Evaluation & Develop communication strategies. (Ref.PIN's detail budget): 2 Years , 1 lumpsum @ 5875 = 11750 | 2 | Years | 5,875.00 | 11,750.00 |
| 3III | 71600 | Travel | PIN: Travel cost. (Ref.PIN's detail budget): 3 Years , 1 lumpsum @ 7164 = 21492 | 3 | Years | 7,164.00 | 21,492.00 |
| 3JJJ | 71800 | Contractual Services-Imp Partn | PIN: Staff cost (Head of Programmes, EWS Project Manager, Project coordinator, EWS1294 Technical Specialist, EWS1294 Project Officer, MEAL Manager) .(Ref.PIN's detail budget): 2 Years , 1 Year @ 24609.18 = 49218.36 | 2 | Years | 24,609.18 | 49,218.36 |
| 3KKK | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | PIN: Audit cost will be conducted in the third year. (Ref.PIN's detail budget): 1 Year , 1 Audit @ 6100 = 6100 | 1 | Year | 6,100.00 | 6,100.00 |
| 3LLL | 74200 | Audio Visual&Print Prod Costs | PIN: promotional material for Create and distribute educational materials &Communication costs (fliers, banners, print, boosting). (Ref.PIN's detail budget): 3 Years , 1 Year @ 3988 = 11964 | 3 | Years | 3,988.00 | 11,964.00 |
| 3MMM | 75700 | Training, Workshops and Conference | PIN: Bank fee. (Ref.PIN's detail budget): 3 Years , 1 Year @ 375 = 1125 | 3 | Years | 375.00 | 1,125.00 |
| | 75700 | Training, Workshops and Conference | PIN-Provide training materials and resources to EW Champions and ongoing support , Workshop/training. (ToT workshops for EW Champions, Conduct community workshops, Capacity building.(Ref.PIN's detail budget): 3 Years , 1 lumpsum @ 16307 = 48921 | 3 | Years | 16,307.00 | 48,921.00 |
| | | | **Sub-Total PIN** | | | | **150,570.36** |

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|---|---|---|---|---|---|---|---|
| 3NNN | 72200 | Equipment and Furniture | Action Aid: Water ATM (Detail budget to be provided or refer to 3.3.2 Safe Spaces -description): 2 Years , 1 year @ 100000 = 200000 | 2 | Years | 100,000.00 | 200,000.00 |
| 3OOO | 75700 | Training, Workshops and Conference | Action Aid: Key government stakeholders provided with training and follow up for improved early warning capacity through enhanced functioning Ground Water Level Monitoring (GWLM) system and operations. (Detail budget to be provided): 2 Years , 1 Year @ 35000 = 70000 | 2 | Years | 35,000.00 | 70,000.00 |
| | | | **Sub-Total PIN** | | | | **270,000.00** |
| | | | **Sub-Total Activity3.3** | | | | **3,240,542.53** |
| | | | TOTAL OUTPUT3 | | | | 6,587,615.53 |
| Co-Fin1 | 64300 | Staff Mgmt Costs - IP Staff | UNDP Co-financing (in-kind) on oversight and assurance partial cost | 5 | Years | 4,000.00 | 20,000.00 |
| Co-Fin2 | 73100 | Rental & Maintenance-Premises (Office Space&Utilities) | UNDP Co-financing (in-kind) on office partial rental and utilities(oversight and assurance staff) | 5 | Years | 6,000.00 | 30,000.00 |
| | | | **TOTAL BUDGET** | | | | **13,218,000.00** |
| | **Note: Additional amount of US$ 320,000 will be provided from the Global PMU for effective managemeent and impleemntation in Cambodia.* | | | | Total Co-Fnancing | | 50,000.00 |
| | *Overall Project Total, Inclusive of both GCF and co-finance totals* | | | | | | 13,268,000.00 |

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**FAA Budget**

| Output | Activities | RPs | Quantum Budget Code | Quantum Budget Account Description | Amount Year 1 (USD) | Amount Year 2 (USD) | Amount Year 3 (USD) | Amount Year 4 (USD) | Amount Year 5 (USD) | TOTAL (USD) | Notes & Assumptions |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Strengthened governance and coordination | 1.1 Strengthen coordination mechanisms | UNDP, MOE, WFP | 61300 | Salary & Post Adj. Cost-IP Staff | 29,580 | 29,580 | 29,580 | 29,580 | 29,580 | 147,900 | 1A |
| | | | 71200 | International Consultants | 33,600 | 306,233 | 168,060 | 33,600 | 33,600 | 575,093 | 1B |
| | | | 71300 | Local Consultants | 0 | 40,050 | 40,050 | 16,000 | 0 | 96,100 | 1C |
| | | | 71400 | Contractual Services – Ind. | 0 | 51,409 | 26,483 | 0 | 0 | 77,892 | 1D |
| | | | 71600 | Travel | 1,800 | 9,900 | 9,900 | 6,600 | 4,800 | 33,000 | 1E |
| | | | 72100 | Contractual Services-Companies | 253,615 | 91,416 | 53,520 | 0 | 0 | 398,552 | 1F |
| | | | 72400 | Comms & Audio Visual Equip | 0 | 1,000 | 0 | 0 | 0 | 1,000 | 1G |
| | | | 72500 | Supplies | 0 | 8,400 | 8,400 | 5,600 | 5,600 | 28,000 | 1H |
| | | | 72800 | Information Technology Equip | 0 | 44,000 | 0 | 0 | 0 | 44,000 | 1I |
| | | | 75700 | Training, Workshops and Conference | 0 | 21,682 | 14,400 | 9,600 | 9,600 | 55,282 | 1J |
| | | | | **Sub-total 1.1** | **318,595** | **603,670** | **350,394** | **100,980** | **83,180** | **1,456,819** | |
| | 1.2 Enhanced governance capacities | UNDP, IFRC | 71200 | International Consultants | 5,880 | 6,160 | 3,920 | 6,160 | 5,880 | 28,000 | 1K |
| | | | 71300 | Local Consultants | 5,060 | 6,009 | 6,009 | 8,999 | 8,999 | 35,075 | 1L |
| | | | 71600 | Travel | 10,590 | 16,685 | 23,215 | 24,665 | 10,445 | 85,600 | 1M |
| | | | 71800 | Contractual Services-Imp Partn. | 7,000 | 5,950 | 5,250 | 8,400 | 8,400 | 35,000 | 1N |
| | | | 72200 | Equipment and Furniture | 0 | 1,485 | 495 | 1,260 | 1,260 | 4,500 | 1O |
| | | | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | 3,800 | 5,845 | 5,420 | 6,440 | 4,595 | 26,100 | 1P |
| | | | 74200 | Audio Visual & Print Prod Costs | 4,995 | 4,070 | 2,035 | 3,700 | 3,700 | 18,500 | 1Q |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 75700 | Training, Workshops and Conference | 25,530 | 35,220 | 81,354 | 56,970 | 21,570 | 220,644 | 1R |
| | | | | **Sub-total 1.2** | **62,855** | **81,424** | **127,698** | **116,594** | **64,849** | **453,419** | |
| | Activity 1.3: Monitoring, Evaluation and Learning | UNDP | 71200 | International Consultants | 33,000 | 33,000 | 0 | 0 | 0 | 66,000 | 1S |
| | | | 71300 | Local Consultants | 0 | 6,038 | 14,088 | 0 | 0 | 20,125 | 1T |
| | | | 71400 | Contractual Services – Ind. | 19,163 | 29,643 | 29,643 | 29,643 | 30,596 | 138,690 | 1U |
| | | | 71600 | Travel | 11,720 | 11,720 | 11,720 | 11,720 | 11,720 | 58,602 | 1V |
| | | | 72400 | Comms & Audio Visual Equip | 814 | 1,628 | 1,628 | 1,628 | 1,702 | 7,400 | 1W |
| | | | 73100 | Rental & Maintenance-Premises (Office Space & Utilities) | 1,155 | 2,310 | 2,310 | 2,310 | 2,415 | 10,500 | 1X |
| | | | 75700 | Training, Workshops and Conference | 0 | 30,981 | 26,976 | 7,618 | 7,618 | 73,193 | 1Y |
| | | | | **Sub-total 1.3** | **65,853** | **115,321** | **86,366** | **52,920** | **54,051** | **374,510** | |
| | | | | **Total Output 1** | **447,303** | **800,415** | **564,457** | **270,493** | **202,080** | **2,284,749** | |
| 2. Disaster knowledge and observations | Activity 2.1 Develop disaster risk knowledge systems | UNDP, UNDRR, NCDM | 61300 | Salary & Post Adj. Cost-IP Staff | 48,522 | 59,346 | 72,876 | 57,993 | 44,463 | 283,199 | 2A |
| | | | 71200 | International Consultants | 27,265 | 61,291 | 79,723 | 65,182 | 41,807 | 275,268 | 2B |
| | | | 71300 | Local Consultants | 49,109 | 52,847 | 36,015 | 3,591 | 14,364 | 155,925 | 2C |
| | | | 71400 | Contractual Services – Ind. | 54,226 | 56,583 | 60,905 | 56,976 | 54,226 | 282,917 | 2D |
| | | | 71500 | UN Volunteers | 2,133 | 3,200 | 5,156 | 4,267 | 3,022 | 17,779 | 2E |
| | | | 71600 | Travel | 4,080 | 6,764 | 6,764 | 7,623 | 5,905 | 31,135 | 2F |
| | | | 72100 | Contractual Services-Companies | 0 | 50,000 | 0 | 0 | 0 | 50,000 | 2G |
| | | | 72400 | Comms & Audio Visual Equip | 814 | 1,628 | 1,628 | 1,628 | 1,702 | 7,400 | 2H |
| | | | 73100 | Rental & Maintenance-Premises (Office Space & Utilities) | 1,320 | 2,640 | 2,640 | 2,640 | 2,760 | 12,000 | 2I |
| | | | 75700 | Training, Workshops and Conference | 0 | 46,506 | 32,560 | 25,200 | 10,584 | 114,850 | 2J |
| | | | | **Sub-total 2.1** | **187,469** | **340,805** | **298,266** | **225,099** | **178,833** | **1,230,472** | |
| | Activity 2.2 Broaden observation and monitoring networks | UNDP, IFRC, NCDM, PIN, Action Aid | 71300 | Local Consultants | 50,000 | 63,000 | 9,000 | 9,000 | 9,000 | 140,000 | 2K |
| | | | 71600 | Travel | 66,680 | 28,090 | 27,730 | 15,850 | 15,850 | 154,200 | 2L |
| | | | 71800 | Contractual Services-Imp Partn. | 204,905 | 257,883 | 127,883 | 10,000 | 10,000 | 610,672 | 2M |
| | | | 72100 | Contractual Services-Companies | 216,051 | 137,099 | 5,656 | 0 | 49,500 | 408,305 | 2N |
| | | | 72200 | Equipment and Furniture | 70,000 | 0 | 0 | 0 | 0 | 70,000 | 2O |
| | | | 72400 | Comms & Audio Visual Equip | 3,214 | 2,095 | 2,034 | 0 | 0 | 7,343 | 2P |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 72500 | Supplies | 594 | 612 | 594 | 0 | 0 | 1,800 | 2Q |
| | | | 72800 | Information Technology Equip | 64,600 | 103,000 | 0 | 0 | 0 | 167,600 | 2R |
| | | | 73100 | Rental & Maintenance-Premises (Office Space & Utilities) | 7,012 | 7,225 | 7,012 | 0 | 0 | 21,249 | 2S |
| | | | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | 26,760 | 4,400 | 4,400 | 4,400 | 2,640 | 42,600 | 2T |
| | | | 74200 | Audio Visual & Print Prod Costs | 3,300 | 3,400 | 3,300 | 0 | 0 | 10,000 | 2U |
| | | | 75700 | Training, Workshops and Conference | 137,020 | 124,365 | 54,365 | 26,625 | 26,625 | 369,000 | 2V |
| | | | | **Sub-total 2.2** | **850,135** | **731,169** | **241,974** | **65,875** | **113,615** | **2,002,769** | |
| | Activity 2.3 Strengthen MHEWS forecasting capacities | UNDP, MOWRAM, RIMES | 71600 | Travel | 24,980 | 14,780 | 38,648 | 27,632 | 13,380 | 119,420 | 2W |
| | | | 71800 | Contractual Services-Imp Partn. | 128,238 | 123,816 | 70,752 | 61,908 | 57,486 | 442,200 | 2X |
| | | | 72800 | Information Technology Equip. | 21,600 | 66,600 | 3,600 | 3,600 | 3,600 | 99,000 | 2Y |
| | | | 73100 | Rental & Maintenance-Premises (Office Space & Utilities) | 11,992 | 9,850 | 8,137 | 7,709 | 5,139 | 42,828 | 2Z |
| | | | 75700 | Training, Workshops and Conference | 132,697 | 125,682 | 60,711 | 58,204 | 31,653 | 408,947 | 2AA |
| | | | | **Sub-total 2.3** | **319,507** | **340,729** | **181,849** | **159,053** | **111,258** | **1,112,395** | |
| | | | | **Total Output 2** | **1,357,111** | **1,412,702** | **722,090** | **450,027** | **403,706** | **4,345,636** | |
| 3. Warning dissemination and preparedness | Activity 3.1 Strengthen EW dissemination systems | UNDP, IFRC, PIN, ITU | 61300 | Salary & Post Adj. Cost-IP Staff | 47,115 | 59,615 | 59,615 | 39,615 | 39,615 | 245,575 | 3A |
| | | | 71200 | International Consultants | 104,675 | 324,795 | 368,970 | 92,500 | 47,060 | 938,000 | 3B |
| | | | 71300 | Local Consultants | 49,715 | 130,726 | 113,410 | 5,940 | 5,940 | 305,731 | 3C |
| | | | 71400 | Contractual Services – Ind. | 0 | 5,750 | 5,750 | 0 | 0 | 11,500 | 3D |
| | | | 71600 | Travel | 39,383 | 100,873 | 104,819 | 41,825 | 27,925 | 314,824 | 3E |
| | | | 71800 | Contractual Services-Imp Partn. | 105,726 | 70,079 | 40,379 | 0 | 0 | 216,183 | 3F |
| | | | 72100 | Contractual Services-Companies | 53,900 | 208,700 | 114,900 | 0 | 0 | 377,500 | 3G |
| | | | 72200 | Equipment and Furniture | 35,000 | 0 | 0 | 0 | 0 | 35,000 | 3H |
| | | | 72400 | Comms & Audio Visual Equip | 2,407 | 5,947 | 5,806 | 0 | 0 | 14,160 | 3I |
| | | | 72800 | Information Technology Equip | 0 | 33,000 | 0 | 0 | 0 | 33,000 | 3J |
| | | | 73100 | Rental & Maintenance-Premises (Office Space & Utilities) | 9,999 | 9,999 | 10,302 | 0 | 0 | 30,300 | 3K |

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| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 73300 | Rental & Maint. of Info Tech Equip | 0 | 69,000 | 0 | 0 | 0 | 69,000 | 3L |
| | | | 75700 | Training, Workshops and Conference | 81,168 | 127,145 | 111,237 | 23,825 | 12,925 | 356,300 | 3M |
| | | | | **Sub-total 3.1** | **529,088** | **1,145,628** | **935,187** | **203,705** | **133,465** | **2,947,073** | |
| | Activity 3.2 Develop preparedness protocols | IFRC, NCDM | 71300 | Local Consultants | 20,000 | 5,000 | 0 | 0 | 0 | 25,000 | 3N |
| | | | 71600 | Travel | 20,500 | 500 | 500 | 500 | 500 | 22,500 | 3O |
| | | | 71800 | Contractual Services-Imp Partn. | 44,650 | 25,150 | 19,900 | 4,900 | 4,900 | 99,500 | 3P |
| | | | 72100 | Contractual Services-Companies | 5,000 | 5,000 | 0 | 0 | 0 | 10,000 | 3Q |
| | | | 72200 | Equipment and Furniture | 15,000 | 0 | 0 | 0 | 0 | 15,000 | 3R |
| | | | 72500 | Supplies | 250 | 250 | 250 | 250 | 250 | 1,250 | 3S |
| | | | 72800 | Information Technology Equip | 3,300 | 0 | 0 | 0 | 0 | 3,300 | 3T |
| | | | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | 15,000 | 0 | 0 | 0 | 0 | 15,000 | 3U |
| | | | 75700 | Training, Workshops and Conference | 60,000 | 37,113 | 37,113 | 37,113 | 37,113 | 208,450 | 3V |
| | | | | **Sub-total 3.2** | **183,700** | **73,013** | **57,763** | **42,763** | **42,763** | **400,000** | |
| | Activity 3.3 Strengthen disaster response capacity | UNDP, WFP, IFRC, PIN, Action Aid | 61300 | Salary & Post Adj. Cost-IP Staff | 0 | 47,759 | 47,759 | 49,207 | 0 | 144,725 | 3W |
| | | | 64300 | Staff Mgmt. Costs - IP Staff | 0 | 23,486 | 23,486 | 23,486 | 23,486 | 93,946 | 3X |
| | | | 71200 | International Consultants | 77,974 | 34,261 | 5,907 | 0 | 0 | 118,142 | 3Y |
| | | | 71300 | Local Consultants | 182,865 | 190,608 | 28,578 | 0 | 0 | 402,050 | 3Z |
| | | | 71400 | Contractual Services – Indi | 42,948 | 26,173 | 15,292 | 13,025 | 13,025 | 110,464 | 3AA |
| | | | 71600 | Travel | 67,469 | 44,262 | 44,262 | 5,500 | 5,500 | 166,992 | 3BB |
| | | | 71800 | Contractual Services-Imp Partn. | 239,750 | 105,359 | 49,109 | 0 | 0 | 394,218 | 3CC |
| | | | 72100 | Contractual Services-Companies | 216,343 | 91,508 | 91,508 | 0 | 0 | 399,358 | 3DD |
| | | | 72200 | Equipment and Furniture | 194,500 | 157,750 | 157,750 | 0 | 0 | 510,000 | 3EE |
| | | | 72400 | Comms & Audio Visual Equip | 814 | 1,628 | 1,628 | 1,628 | 1,702 | 7,400 | 3FF |
| | | | 73100 | Rental & Maintenance-Premises (Office Space & Utilities) | 1,320 | 2,640 | 2,640 | 2,640 | 2,760 | 12,000 | 3GG |
| | | | 73300 | Rental & Maint. of Info Tech Equip | 10,350 | 12,075 | 12,075 | 0 | 0 | 34,500 | 3HH |

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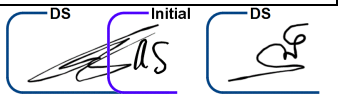
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 74100 | Professional Services (HACT Capacity Assessment, Audit fees, Spot-checks, Legal fees, others) | 3,520 | 6,570 | 6,570 | 3,520 | 3,520 | 23,700 | 3II |
| | | | 74200 | Audio Visual & Print Prod Costs | 3,111 | 4,427 | 4,427 | 0 | 0 | 11,964 | 3JJ |
| | | | 75700 | Training, Workshops and Conference | 416,226 | 221,731 | 150,227 | 12,100 | 10,800 | 811,084 | 3KK |
| | | | | **Sub-total 3.3** | **1,457,188** | **970,237** | **641,218** | **111,106** | **60,794** | **3,240,543** | |
| | **Co-Financing** | **UNDP** | 64300 | Staff Mgmt. Costs - IP Staff | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 20,000 | Co-Fin 1 |
| | **Co-Financing** | **UNDP** | 73100 | Rental & Maintenance-Premises (Office Space & Utilities) | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 30,000 | Co-Fin 2 |
| | | | **Total Co-Financing UNDP (in-kind)** | | **10,000** | **10,000** | **10,000** | **10,000** | **10,000** | **50,000** | |
| | | | | **Total Output 3** | **2,169,976** | **2,188,877** | **1,634,167** | **357,574** | **237,021** | **6,587,616** | |
| | **Total Budget-GCF** | | | | **3,974,391** | **4,401,994** | **2,920,714** | **1,078,094** | **842,807** | **13,218,000** | |
| | | **Total Co-financing: Government & UNDP (in-kind)** | | | **10,000** | **10,000** | **10,000** | **10,000** | **10,000** | **50,000** | |
| | Overall Project Total, Inclusive of both GCF and co-finance totals | | | | 3,917,489.25 | 4,340,140.73 | 2,924,732.85 | 1,135,902.74 | 949,734.43 | 13,268,000.00 | |

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Budget notes.

| Budget Note No. | Budget Notes (Description) |
|---|---|
| 1A | CTA-Technical Advisor(P4). 12% - Deliver daily technical support across three key areas: • Strengthening Governance and Coordination. • Advancing Disaster Risk Knowledge and Observations. • Enhancing Warning Dissemination and Preparedness. • Technical support and strategic guidance during the high leadership discussion with government and UN agencies as well as CSOs for the establishment of a coordination mechanism. • Technical inputs on reporting and project assessments: 5 Years, 1 Year @ 29580 = 147900 |
| 1B | International Consultant to develop data sharing protocol: 1 Consultant, 40 days @ 825 = 33000 |
| 1C | National Consultant to develop data sharing protocol: 1 Consultant, 40 days @ 402.5 = 16100 |
| 1D | Project management specialist (Project Management SpecialistProject Management Specialist-NPSA10)-20%: 5 Years, 1 Year @ 8683.5376312 = 43417.688156 |
| 1E | Travel cost for 2 consultants: 6 trips, 1 trip @ 1500 = 9000 |
| 1F | WFP: Contractual companies to support Capacity building to support the institutionalisation plan (trainings on GitHub, the configuration process and deployment of the PRISM Frontend etc.): 2 Years, 1 Year @ 53519.852925 = 107039.70585 |
| 1G | Communication cost (telephone card and extension) for Project Management SpecialistProject Management Specialist and gender specialist: 5 Years, 1 Year @ 1480 = 7400 |
| 1H | MOE(LOA): Supplies and other operation cost: 4 Years, 1 Year @ 7000 = 28000 |
| 1I | Tablets for NCDM/PCDM to collect and manage data in CamDi 2.0 system, including the integration with PRISM and hazard data of MoE.: 100 Tablets, 1 tablet @ 440 = 44000 |
| 1J | Consultative workshop on data sharing protocol (2 days, 24 participants, in target province): 1 Workshop, 1 workshop @ 7282 = 7282 |
| 1N | IFRC: Staff Cost (Ref. IFRC detail budget): 5 Years, 1 Year @ 7000 = 35000 |
| 1O | IFRC: Equipment (Ref. IFRC detail budget): 5 Years, 1 Year @ 900 = 4500 |
| 1P | IFRC: Professional/ Contractual Services (Ref. IFRC detail budget): 5 Years, 1 Year @ 1700 = 8500 |
| 1Q | IFRC: Translation, Printing, facilitators, venue, etc. (Ref. IFRC detail budget): 5 Years, 1 Year @ 3700 = 18500 |
| 1X | Office rental for project staff (Project Management Specialist-20% & Gender Specialist-50%): 5 Years, 1 Year @ 2100 = 10500 |
| 2A | UNDRR: Risk knowledge technical officer UNDRR ROAP (P3)<br>Scoping out the potential and vision of losses & damages. Inter-ministry WG set up for losses & methodology. (Ref. UNDRR detail budget): 5 Years, 1 Year @ 27059.76 = 135298.8 |
| 2B | UNDRR: 4 International experts. (Ref. UNDRR detail budget): 5 Years, 1 Year @ 36353.52 = 181767.6 |
| 2C | UNDRR: 4 National Consultant to develop Strengthening of identified sector/economic assets methodologies for tracking disaster losses and damages, with ongoing monitoring and feedback to UNDP. (Ref. UNDRR detail budget): 5 Years, 1 Year @ 23940 = 119700 |
| 2D | UNDRR: Technical Personnel (Scoping out the potential and vision of losses & damages. Inter-ministry WG set up for losses & methodology. (Ref. UNDRR detail budget: 5 Years, 1 Year @ 7858.0005 = 39290.0025 |
| 2E | UNDRR: 1 UNV-Resilient Specialist Scoping out the potential and vision of losses & damages. Inter-ministry WG set up for losses & methodology. (Ref. UNDRR detail budget): 5 Years, 1 Year @ 3555.72 = 17778.6 |
| 2F | UNDRR: Travel cost for international expert and ROAP technical staff to Cambodia. (Ref. UNDRR detail budget): 4 Years, 1 Year @ 2683.8 = 10735.2 |
| 2G | NCDM: Scoping out the potential and vision of losses & damages. Inter-ministry WG set up for losses & methodology. (Ref. NCDM's detailed budget): 1 Year, 1 Year @ 50000 = 50000 |
| 2H | Communication cost (telephone card and extension) for CTA-technical advisor (P4): 5 Years, 1 Year @ 740 = 3700 |
| 2I | Office rental for project staff (Project Management Specialist-30%, M&E officer-50%): 5 Years, 1 Year @ 2400 = 12000 |
| 2J | UNDRR: Training materials - Development of guidance and training material on losses and damages. (Ref. UNDRR detail budget): 4 Years, 1 Year @ 12600 = 50400 |



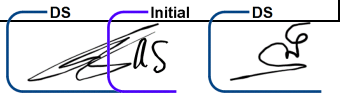
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| | |
|---|---|
| 2K | NCDM: 2 Consultant to develop standard DRM manuals & Develop National Contingency Plan (Ref. NCDM Budget Detail): 2 consultants, 1 consultant @ 45000 = 90000 |
| 2L | IFRC: Travel: 1 Year, 1 Year @ 35000 = 35000 |
| 2M | NCDM: Staff cost (Improved IT infrastructure and Disaster Management Information System (DMIS) and Early Warning System at the NCDM.)-80%. (Ref. NCDM Budget Detail): 60 months, 1 month @ 1666.66666666667 = 100000 |
| 2N | PIN: Contractual Service for Baseline Survey, Needs Assessment. Install X number of river gauges and Y number of drought gauges in the target provinces and rehabilitate the meteorological. (Ref. PIN's detail budget): 1 Year, 1 company @ 4000 = 4000 |
| 2O | IFRC: Equipment: 1 Year, 1 Year @ 35000 = 35000 |
| 2P | PIN: Communication cost. (Ref. PIN's detail budget): 1 Com Cost, 1 lump sum @ 1180 = 1180 |
| 2Q | Action Aid: Office Supplies/cleansing. Ref. AAC detail budget: 3 Years, 1 Year @ 600 = 1800 |
| 2R | NCDM: IT infrastructure and Disaster Management Information System (DMIS) and Early Warning System at the NCDM. (Ref. NCDM Budget Detail): 1 IT Equipment & Software, 1 ITC Equipment @ 40000 = 40000 |
| 2S | Action Aid: Office rental and utilities. Ref. AAC detail budget: 3 Years, 1 Year @ 7083 = 21249 |
| 2T | IFRC: Professional/ Contractual Services: 1 Year, 1 Year @ 25000 = 25000 |
| 2U | Action Aid: Project visibility material. Ref. AAC detail budget: 3 Years, 1 Year @ 3333.33333333333 = 10000 |
| 2V | NCDM: TOT training, National Simulation Exercise to test the knowledge, training on project/program design, a Training of Trainers (ToT) program for Disaster Partners (DPs) and Non-Governmental Organisations (NGOs). (Ref. NCDM Budget Detail): 4 trainings, 1 training @ 17500 = 70000 |
| 2W | RIMES. Travel cost. (Ref. RIMES detail budget): 1 Year, 1 lump sum @ 10200 = 10200 |
| 2X | RIMES: Staff and personnel cost. (Ref. RIMES detail budget): 5 Years, 1 Year @ 88440 = 442200 |
| 2Y | Forecasters workstations for the 4 target provinces: 4 forecasters, 1 forecaster @ 15750 = 63000 |
| 2Z | RIMES. Operation support cost-5%. (Ref. RIMES detail budget): 5 Years, 1 Year @ 8565.6 = 42828 |
| 2AA | RIMES: Meeting and Training cost. (Ref. RIMES detail budget): 1 Year, 1 lump sum @ 2000 = 2000 |
| 3A | CTA-Technical Advisor(P4). 11% Deliver daily technical support across three key areas: • Strengthening Governance and Coordination. • Advancing Disaster Risk Knowledge and Observations. • Enhancing Warning Dissemination and Preparedness. • Technical support and strategic guidance during the high leadership discussion with government and UN agencies as well as CSOs for the establishment of a coordination mechanism. • Technical inputs on reporting and project assessments: 5 Years, 1 Year @ 27115 = 135575 |
| 3B | International Consultant for A1. Dissemination landscaping-review population needs (40 days x 650): 1 consultant, 1 lumpsum @ 28600 = 28600 |
| 3C | National Consultant for Dissemination landscaping-review population needs: 2 consultants, 1 lump sum @ 16100 = 32200 |
| 3D | UNDP: staff costs: 1 Staff, 1 lump sum @ 11500 = 11500 |
| 3E | Travel cost for Dissemination landscaping-review population needs: 1 trip, 1 lump sum @ 15215 = 15215 |
| 3F | IFRC: Staff cost: 2 Years, 1 Year @ 45000 = 90000 |
| 3G | Contractual company for the assessment and research on Dissemination landscaping-focused on sampling & combining quantitative and qualitative methods: 4 provinces, 1 lump sum @ 11000 = 44000 |
| 3H | IFRC: Equipment: 1 Year, 1 Year @ 35000 = 35000 |
| 3I | PIN: Communication Cost (fliers, banners, print, boosting). Ref. PIN's budget detail: 3 Years, 1 lump sum @ 4720 = 14160 |
| 3J | ITC equipment to upgrade MOWRAM's online presence and EW dissemination channels: 1 Equipment, 1 lump sum @ 33000 = 33000 |
| 3K | PIN: Office rental, office running costs, and consumables. Ref. PIN's budget detail: 3 Years, 1 year @ 10100 = 30300 |
| 3L | Ongoing maintenance of the sites above as well as ongoing mentoring for MOWRAM staff for 3 years: 3 Years, 1 Year @ 23000 = 69000 |
| 3M | Co-creation workshops for the design of early warning dissemination systems. (1 national workshop & 4 provincial workshops: 4 workshops, 1 workshop @ 6500 = 26000 |
| 3N | IFRC: Local consultants. (Ref. IFRC detail budget): 1 Year, 1 Year @ 15000 = 15000 |

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| | |
|---|---|
| 3O | IFRC: Travel. (Ref. IFRC detail budget): 1 Year, 1 Year @ 20000 = 20000 |
| 3P | IFRC: Staff Cost. (Ref. IFRC detail budget): 3 Years, 1 Year @ 25000 = 75000 |
| 3Q | NCDM: Contractual Companies to Conduct a Capacity Needs Assessment for the disaster management committees. (Ref. NCDM's detailed budget): 1 contract, 1 contract @ 10000 = 10000 |
| 3R | IFRC: Equipment. (Ref. IFRC detail budget): 1 Year, 1 Year @ 15000 = 15000 |
| 3S | NCDM: supplies. (Ref. NCDM's detailed budget): 5 times, 1 time @ 250 = 1250 |
| 3T | NCDM: Information Technologies equipment. (Ref. NCDM's detailed budget): 2 computers, 1 computer @ 1500 = 3000 |
| 3U | IFRC: Professional/ Contractual Services. (Ref. IFRC detail budget): 1 Year, 1 Year @ 15000 = 15000 |
| 3V | IFRC: Workshop/Training. (Ref. IFRC detail budget): 1 Year, 1 Year @ 60000 = 60000 |
| 3W | Country Economist (P5)-15% will support on (1) Economic Analysis: Conducting cost-benefit analysis or modelling the economic impact of natural disasters such as floods or droughts, both with and without a robust, integrated early warning system in place. (2) Data Analytics and Oversight: Linking PRISM to other data points, including the NSPC's social protection registry, MoSVY's case management system, and MoE's vulnerability index, for comprehensive data analysis, disaster risk management, and responses.: 3.5 Years, 1 Year @ 41350 = 144725 |
| 3X | Policy Analyst (NOB)-30%: technical advice on shock-responsive social protection under output 3. Specific support will be Technical Advisory/Quality Assurance on SRSP: Providing advisory support and quality assurance for the potential shock-responsive social protection pilot with WFP, including program design, monitoring and evaluation (M&E), and policy support. This is a new initiative at the country level. Hence, technical advice from the policy analyst will be needed.: 4 Years, 1 Year @ 23486.47026 = 93945.88104 |
| 3Y | WFP: direct staff's cost (Head of Programme: 6%, SP Officer (IC): 54%, SRSP National Officer: 40%), 9%-Direct support cost, & 8%-Indirect support cost: 3 Years, 1 Year @ 39380.7085 = 118142.1255 |
| 3Z | PIN: Local Consultant for the Development of a training curriculum, Mid-term Evaluation & developing communication strategies. (Ref. PIN's detail budget): 2 Years, 1 lump sum @ 5875 = 11750 |
| 3AA | Project management specialist (Project Management SpecialistProject Management Specialist-NPSA10)-30%: 5 Years, 1 Year @ 13025.3064468 = 65126.532234 |
| 3BB | PIN: Travel cost. (Ref. PIN's detail budget): 3 Years, 1 lump sum @ 7164 = 21492 |
| 3CC | PIN: Staff cost (Head of Programmes, EWS Project Management SpecialistProject Management Specialist, Project coordinator, EWS1294 Technical Specialist, EWS1294 Project Officer, MEAL Manager). (Ref. PIN's detail budget): 2 Years, 1 Year @ 24609.18 = 49218.36 |
| 3DD | Construction cost (1) public buildings, including hospitals, sanitation facilities, safe spaces / evacuation spaces, bus and train stations, etc. Including fixed and mobile ramps, handrails, and signage. 2. Upgrading existing temporary shelters, such as schools or temples, piped water, elevated and roofed platforms, covered and well-ventilated kitchen areas): 3 Years, 1 Year @ 87150 = 261450 |
| 3EE | Equipment for construction Cost (1. public buildings, including hospitals, sanitation facilities, safe spaces / evacuation spaces, bus and train stations, etc. Including fixed and mobile ramps, handrails, and signage. 2. Upgrading existing temporary shelters, such as school or temple, piped water, elevated and roofed platforms, covered and well-ventilated kitchen areas: 3 Years, 1 Year @ 55000 = 165000 |
| 3FF | Communication cost (telephone card and extension) for Economy specialist & Policy analyst: 5 Years, 1 Year @ 1480 = 7400 |
| 3GG | Office rental for project staff (Project Management Specialist-30%, M&E officer-50%): 5 Years, 1 Year @ 2400 = 12000 |
| 3HH | Maintenance of Equipment Cost (1. public buildings, including hospitals, sanitation facilities, safe spaces / evacuation spaces, bus and train stations, etc. Including fixed and mobile ramps, handrails, and signage. 2. Upgrading existing temporary shelters, such as school or temple, piped water, elevated and roofed platforms, covered and well-ventilated kitchen areas: 3 Years, 1 Year @ 11500 = 34500 |
| 3II | PIN: Audit cost will be conducted in the third year. (Ref. PIN's detail budget): 1 Year, 1 Audit @ 6100 = 6100 |
| 3JJ | PIN: promotional material for Create and distribute educational materials &Communication costs (fliers, banners, print, boosting). (Ref. PIN's detail budget): 3 Years, 1 Year @ 3988 = 11964 |
| 3KK | PIN-Provide training materials and resources to EW Champions and ongoing support, Workshop/training. (ToT workshops for EW Champions, Conduct community workshops, Capacity building. (Ref. PIN's detail budget): 3 Years, 1 lump sum @ 16307 = 48921 |
| Co-Fin1 | UNDP Co-financing (in-kind) on oversight and assurance, partial cost |



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| Co-Fin2 | UNDP Co-financing (in-kind) on office partial rental and utilities (oversight and assurance staff) |

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## X. LEGAL CONTEXT

This project document shall be the instrument referred to as such in Article 1 of the Standard Basic Assistance Agreement between the Government of Cambodia and UNDP, signed on 19 December 1994. All references in the SBAA to "Executing Agency" shall be deemed to refer to "Implementing Partner."

This project will be implemented by UNDP ("Implementing Partner") in accordance with its financial regulations, rules, practices and procedures only to the extent that they do not contravene the principles of the Financial Regulations and Rules of UNDP. Where the financial governance of an Implementing Partner does not provide the required guidance to ensure best value for money, fairness, integrity, transparency, and effective international competition, the financial governance of UNDP shall apply.

## XI. RISK MANAGEMENT

**UNDP (DIM)**

1. UNDP as the Implementing Partner will comply with the policies, procedures and practices of the United Nations Security Management System (UNSMS.)

2. UNDP as the Implementing Partner will undertake all reasonable efforts to ensure that none of the [project funds][26] [UNDP funds received pursuant to the Project Document][27] are used to provide support to individuals or entities associated with terrorism, that the recipients of any amounts provided by UNDP hereunder do not appear on the United Nations Security Council Consolidated Sanctions List, and that no UNDP funds received pursuant to the Project Document are used for money laundering activities. The United Nations Security Council Consolidated Sanctions List can be accessed via https://www.un.org/securitycouncil/content/un-sc-consolidated-list. This provision must be included in all sub-contracts or sub-agreements entered into under this Project Document.
3. Social and environmental sustainability will be enhanced through application of the UNDP Social and Environmental Standards (http://www.undp.org/ses) and related Accountability Mechanism (http://www.undp.org/secu-srm).

4. UNDP as the Implementing Partner will: (a) conduct project and programme-related activities in a manner consistent with the UNDP Social and Environmental Standards, (b) implement any management or mitigation plan prepared for the project or programme to comply with such standards, and (c) engage in a constructive and timely manner to address any concerns and complaints raised through the Accountability Mechanism. UNDP will seek to ensure that communities and other project stakeholders are informed of and have access to the Accountability Mechanism.

5. In the implementation of the activities under this Project Document, UNDP as the Implementing Partner will handle any sexual exploitation and abuse ("SEA") and sexual harassment ("SH") allegations in accordance with its regulations, rules, policies and procedures.

6. All signatories to the Project Document shall cooperate in good faith with any exercise to evaluate any programme or project-related commitments or compliance with the UNDP Social and Environmental Standards. This includes providing access to project sites, relevant personnel, information, and documentation.

[26] To be used where UNDP is the Implementing Partner
[27] To be used where the UN, a UN fund/programme or a specialized agency is the Implementing Partner

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7. UNDP as the Implementing Partner will ensure that the following obligations are binding on each responsible party, subcontractor and sub-recipient:

    a. Consistent with the Article III of the SBAA *[or the Supplemental Provisions to the Project Document]*, the responsibility for the safety and security of each responsible party, subcontractor and sub-recipient and its personnel and property, and of UNDP's property in such responsible party's, subcontractor's and sub-recipient's custody, rests with such responsible party, subcontractor and sub-recipient. To this end, each responsible party, subcontractor and sub-recipient shall:
        i. put in place an appropriate security plan and maintain the security plan, taking into account the security situation in the country where the project is being carried;
        ii. assume all risks and liabilities related to such responsible party's, subcontractor's and sub-recipient's security, and the full implementation of the security plan.

    b. UNDP reserves the right to verify whether such a plan is in place, and to suggest modifications to the plan when necessary. Failure to maintain and implement an appropriate security plan as required hereunder shall be deemed a breach of the responsible party's, subcontractor's and sub-recipient's obligations under this Project Document.

    c. Each responsible party, subcontractor and sub-recipient (each a "sub-party" and together "sub-parties") acknowledges and agrees that UNDP will not tolerate sexual harassment and sexual exploitation and abuse of anyone by the sub-parties, and other entities involved in Project implementation, either as contractors or subcontractors and their personnel, and any individuals performing services for them under the Project Document.
        (a) In the implementation of the activities under this Project Document, each sub-party shall comply with the standards of conduct set forth in the Secretary General's Bulletin ST/SGB/2003/13 of 9 October 2003, concerning "Special measures for protection from sexual exploitation and sexual abuse" ("SEA").
        (b) Moreover, and without limitation to the application of other regulations, rules, policies and procedures bearing upon the performance of the activities under this Project Document, in the implementation of activities, each sub-party, shall not engage in any form of sexual harassment ("SH"). SH is defined as any unwelcome conduct of a sexual nature that might reasonably be expected or be perceived to cause offense or humiliation, when such conduct interferes with work, is made a condition of employment or creates an intimidating, hostile or offensive work environment. SH may occur in the workplace or in connection with work. While typically involving a pattern of conduct, SH may take the form of a single incident. In assessing the reasonableness of expectations or perceptions, the perspective of the person who is the target of the conduct shall be considered.

    d. In the performance of the activities under this Project Document, each sub-party shall (with respect to its own activities), and shall require from its sub-parties (with respect to their activities) that they, have minimum standards and procedures in place, or a plan to develop and/or improve such standards and procedures in order to be able to take effective preventive and investigative action. These should include: policies on sexual harassment and sexual exploitation and abuse; policies on whistleblowing/protection against retaliation; and complaints, disciplinary and investigative mechanisms. In line with this, sub-parties will and will require that their respective sub-parties will take all appropriate measures to:
        (i) Prevent its employees, agents or any other persons engaged to perform any services under this Project Document, from engaging in SH or SEA;
        (ii) Offer employees and associated personnel training on prevention and response to SH and SEA, where sub-parties have not put in place its own training regarding the prevention of SH and SEA, sub-parties may use the training material available at UNDP;

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(iii) Report and monitor allegations of SH and SEA of which any of the sub-parties have been informed or have otherwise become aware, and status thereof;
(iv) Refer victims/survivors of SH and SEA to safe and confidential victim assistance; and
(v) Promptly and confidentially record and investigate any allegations credible enough to warrant an investigation of SH or SEA. Each sub-party shall advise UNDP of any such allegations received and investigations being conducted by itself or any of its sub-parties with respect to their activities under the Project Document, and shall keep UNDP informed during the investigation by it or any of such sub-parties, to the extent that such notification (i) does not jeopardize the conduct of the investigation, including but not limited to the safety or security of persons, and/or (ii) is not in contravention of any laws applicable to it. Following the investigation, the relevant sub-party shall advise UNDP of any actions taken by it or any of the other entities further to the investigation.

e. Each sub-party shall establish that it has complied with the foregoing, to the satisfaction of UNDP, when requested by UNDP or any party acting on its behalf to provide such confirmation. Failure of the relevant sub-party to comply of the foregoing, as determined by UNDP, shall be considered grounds for suspension or termination of the Project.

f. Each responsible party, subcontractor and sub-recipient will ensure that any project activities undertaken by them will be implemented in a manner consistent with the UNDP Social and Environmental Standards and shall ensure that any incidents or issues of non-compliance shall be reported to UNDP in accordance with UNDP Social and Environmental Standards.

g. Each responsible party, subcontractor and sub-recipient will take appropriate steps to prevent misuse of funds, fraud, corruption or other financial irregularities, by its officials, consultants, subcontractors and sub-recipients in implementing the project or programme or using the UNDP funds. It will ensure that its financial management, anti-corruption, anti-fraud and anti-money laundering and countering the financing of terrorism policies are in place and enforced for all funding received from or through UNDP.

h. The requirements of the following documents, then in force at the time of signature of the Project Document, apply to each responsible party, subcontractor and sub-recipient: (a) UNDP Policy on Fraud and other Corrupt Practices (b) UNDP Anti-Money Laundering and Countering the Financing of Terrorism Policy; and (c) UNDP Office of Audit and Investigations Investigation Guidelines. Each responsible party, subcontractor and sub-recipient agrees to the requirements of the above documents, which are an integral part of this Project Document and are available online at www.undp.org.

i. In the event that an investigation is required, UNDP will conduct investigations relating to any aspect of UNDP programmes and projects. Each responsible party, subcontractor and sub-recipient will provide its full cooperation, including making available personnel, relevant documentation, and granting access to its (and its consultants', subcontractors' and sub-recipients') premises, for such purposes at reasonable times and on reasonable conditions as may be required for the purpose of an investigation. Should there be a limitation in meeting this obligation, UNDP shall consult with it to find a solution.

j. Each responsible party, subcontractor and sub-recipient will promptly inform UNDP as the Implementing Partner in case of any incidence of inappropriate use of funds, or credible allegation of fraud, corruption or other financial irregularities with due confidentiality.

Where it becomes aware that a UNDP project or activity, in whole or in part, is the focus of investigation for alleged fraud/corruption, each responsible party, subcontractor and sub-

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recipient will inform the UNDP Resident Representative/Head of Office, who will promptly inform UNDP's Office of Audit and Investigations (OAI). It will provide regular updates to the head of UNDP in the country and OAI of the status of, and actions relating to, such investigation.

k. UNDP will be entitled to a refund from the responsible party, subcontractor or sub-recipient of any funds provided that have been used inappropriately, including through fraud, corruption or other financial irregularities, or otherwise paid other than in accordance with the terms and conditions of this Project Document. Such amount may be deducted by UNDP from any payment due to the responsible party, subcontractor or sub-recipient under this or any other agreement. Recovery of such amount by UNDP shall not diminish or curtail any responsible party's, subcontractor's or sub-recipient's obligations under this Project Document.

   Where such funds have not been refunded to UNDP, the responsible party, subcontractor or sub-recipient agrees that donors to UNDP (including the Government) whose funding is the source, in whole or in part, of the funds for the activities under this Project Document, may seek recourse to such responsible party, subcontractor or sub-recipient for the recovery of any funds determined by UNDP to have been used inappropriately, including through fraud, corruption or other financial irregularities, or otherwise paid other than in accordance with the terms and conditions of the Project Document.

   *Note:* The term "Project Document" as used in this clause shall be deemed to include any relevant subsidiary agreement further to the Project Document, including those with responsible parties, subcontractors and sub-recipients.

l. Each contract issued by the responsible party, subcontractor or sub-recipient in connection with this Project Document shall include a provision representing that no fees, gratuities, rebates, gifts, commissions or other payments, other than those shown in the proposal, have been given, received, or promised in connection with the selection process or in contract execution, and that the recipient of funds from it shall cooperate with any and all investigations and post-payment audits.

m. Should UNDP refer to the relevant national authorities for appropriate legal action any alleged wrongdoing relating to the project or programme, the Government will ensure that the relevant national authorities shall actively investigate the same and take appropriate legal action against all individuals found to have participated in the wrongdoing, recover and return any recovered funds to UNDP.

n. Each responsible party, subcontractor and sub-recipient shall ensure that all of its obligations set forth under this section entitled "Risk Management" are passed on to its subcontractors and sub-recipients and that all the clauses under this section entitled "Risk Management Standard Clauses" are adequately reflected, *mutatis mutandis*, in all its sub-contracts or sub-agreements entered into further to this Project Document.



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# LIST OF ACRONYMS AND ABBREVIATIONS

**AA** – Anticipatory Action
**AAC** – Action Aid Cambodia
**ADB** – Asian Development Bank
**AMA** – Accreditation Master Agreement
**APR** – Annual Performance Report
**ASMC** – ASEAN Specialized Meteorological Centre
**AWLS** – Automated Water Level Stations
**AWS** – Automated Weather Station
**BPPS** – Bureau for Policy and Programme Support
**CamDi** – Cambodia Disaster Damage & Loss Information System
**CAP** – Common Alerting Protocol
**CARD** – Council for Agricultural and Rural Development
**CBEWS** – Community-Based Early Warning Systems
**CCA** – Climate Change Adaptation
**CCAP** – Climate Change Action Plan
**CCCA** – Cambodia Climate Change Alliance
**CCCSP** – Cambodia Climate Change Strategic Plan
**CCDM** – Commune Committee for Disaster Management
**CCDR** – Country and Climate Development Report
**CCKP** – Climate Change Knowledge Portal
**CDI** – Combined Drought Index
**CEO** – Chief Executive Officer
**CGE** – Computable General Equilibrium
**CIEWS** – Climate Information and Early Warning Systems
**CMIP** – Coupled Model Inter-comparison Project
**CPD** – Country Programme Document
**CRC** – Cambodian Red Cross
**CREWS** – Climate Risk and Early Warning System
**CSO** – Civil Society Organisation
**CTA** – Chief Technical Advisor
**DAO** – District Agricultural Office
**DCA** – Dan Church Aid
**DCDM** – District Committee for Disaster Management
**DHRW** – Department of Hydrology and River Works
**DIA** – Department of Irrigated Agriculture
**DIM** – Direct Implementation Modality
**DM** – Disaster Management
**DOA** – Delegation of Authority
**DoM** – Department of Meteorology
**DP** – Development Partners
**DRFS** – Disaster Risk Financing Strategy
**DRM** – Disaster Risk Management
**DRR** – Disaster Risk Reduction
**EAP** – Executive Action Plan
**EOC** – Emergency Operations Centre
**ESMF** – Environmental and Social Management Framework
**ESMP** – Environmental and Social Management Plan
**EW** – Early Warning
**EWS** – Early Warning System

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**EW4All** – Early Warnings for All
**FAA** – Funded Activity Agreement
**FAO** – Food and Agriculture Organization
**FP** – Funding Proposal
**FWUC** – Farmer Water Users Community
**GAAP** – Gender Analysis and Action Plan
**GBV** – Gender-Based Violence
**GCF** – Green Climate Fund
**GCF Sec** – Green Climate Fund Secretariat
**GCRI** – Global Climate Risk Index
**GDA** – General Directorate of Agriculture
**GDP** – Gross Domestic Product
**GEN** – Gender Marker
**GFDRR** – Global Facility for Disaster Reduction and Recovery
**GMS** – Greater Mekong Subregion
**GPD** – Global Programme Document
**GRM** – Grievance Redress Mechanism
**HACT** – Harmonized Approach to Cash Transfers
**HC** – Health Centre
**HRF** – Humanitarian Response Forum
**IBF** – Impact Based Forecasting
**ID** – Identification
**IFAD** – International Fund for Agricultural Development
**IFRC** – International Federation of Red Cross and Red Crescent
**ILO** – International Labour Organization
**IRM** – Independent Redress Mechanism
**ITAP** – GCF Independent Technical Advisory Panel
**ITU** – International Telecommunication Union
**IWRM** – Integrated Water Resource Management
**JAG** – Joint Action Group for Disaster Risk Reduction
**JMA** – Japan Meteorological Agency
**KMA** – Korea Meteorological Administration
**LoA** – Letter of Agreement
**LPAC** – Local Project Appraisal Committee
**M&E** – Monitoring and Evaluation
**MAFF** – Ministry of Agriculture, Forestry, and Fisheries
**MCP** – Multi-Country Programme
**MEF** – Ministry of Economic and Finance
**MEM** – Ministry of Energy and Mines
**MHEWS** – Multi-Hazard Early Warning System
**MoCS** – Ministry of Civil Service
**MoE** – Ministry of Environment
**MoH** – Ministry of Health
**MoI** – Ministry of Interior
**MoJ** – Ministry of Justice
**MoLVT** – Ministry of Labour and Vocational Training
**MoP** – Ministry of Planning
**MoSAVY** – Ministry of Social Affairs, Veterans and Youth Rehabilitation
**MoWA** – Ministry of Women's Affairs
**MOWRAM** – Ministry of Water Resources and Meteorology
**MPI** – Multidimensional Poverty Index
**MPTC** – Ministry of Post and Telecommunications

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**NAP-DRR** – National Action Plan on Disaster Risk Reduction
**NASA** – National Aeronautics and Space Administration
**NCCAPPH** – National Climate Change Action Plan for Public Health
**NCDM** – National Committee for Disaster Management
**NCP** – National Contingency Plan
**NCSD** – National Council for Sustainable Development
**NDC** – Nationally Determined Contribution
**NDVI** – Normalised Difference Vegetation Index
**NFFC** – National Flood Forecasting Centre
**NFRS** – National Food Reserve System
**NGO** – Non-Governmental Organization
**NIM** – National Implementation Modality
**NMS** – National Meteorological Services
**NSDP** – National Strategic Development Plan
**NSPC** – National Social Protection Council
**NTSB** – Northern Tonle Sap Basin
**O&M** – Operation and Maintenance
**PCAT** – Partner Capacity Assessment Tool
**PCDM** – Provincial Committee for Disaster Management
**PDA** – Provincial Departments of Agriculture
**PDAFF** – Provincial Department of Agriculture, Forestry, and Fisheries
**PDoWA** – Provincial Department of Women's Affairs
**PDoWRAM** – Provincial Department of Water Resources and Meteorology
**PEARL** – Public-social-private partnerships for Ecologically sound Agriculture and Resilient Livelihoods
**PHD** – Provincial Health Department
**PIMS** – Project Information Management System
**PIN** – People in Need
**PM** – Project Manager
**PMU** – Project Management Unit
**POPP** – Programme and Operations Policies and Procedures
**PRISM** – Platform for Real-time Impact and Situation Monitoring
**PwD** – Person with Disability
**RCC** – Regional Climate Centre
**RCP** – Representative Concentration Pathway
**RGC** – Royal Government of Cambodia
**RIMES** – Regional Integrated Multi-Hazard Early Warning System
**RPD** – Regional Programme Document
**RPA** – Responsible Party Agreement
**RSMC** – Regional Specialized Meteorological Centre
**RTA** – Regional Technical Advisor
**SBAA** – Standard Basic Assistance Agreement
**SDG** – Sustainable Development Goal
**SEA** – South East Asia / Sexual Exploitation and Abuse
**SEAH** – Sexual Exploitation, Abuse and Harassment
**SEA-FFGS** – Southeast Asia Flash Flood Guidance System
**SEP** – Stakeholder Engagement Plan / Socio-Economic Projections
**SES** – Social and Environmental Standards
**SESP** – Social and Environmental Screening Procedure
**SIMEX** – Simulation Exercise
**SMI** – Soil Moisture Index
**SMS** – Short Message Service
**SOFF** – Systematic Observations Financing Facility

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**SOP** – Standard Operating Procedure
**SRM/SECU** – Social Risk Mitigation/Social and Environmental Compliance Unit
**SRSP** – Shock-Responsive Social Protection
**SSP** – Shared Socioeconomic Pathways
**ToR** – Terms of Reference
**ToT** – Training of Trainers
**TRAC** – Target for Resource Assignment from the Core
**UN** – United Nations
**UNCTAD** – United Nations Conference on Trade and Development
**UNDP** – United Nations Development Programme
**UNDRR** – United Nations Office for Disaster Risk Reduction
**UNEP** – United Nations Environment Programme
**UNESCAP** – United Nations Economic and Social Commission for Asia and the Pacific
**UNESCO** – United Nations Educational, Scientific and Cultural Organization
**UNFCCC** – United Nations Framework Convention on Climate Change
**UNHCR** – United Nations High Commissioner for Refugees
**UNODC** – United Nations Office on Drugs and Crime
**UNSDCF** – United Nations Sustainable Development Cooperation Framework
**VDMG** – Village Disaster Management Groups
**VHSG** – Village Health Support Groups
**WASH** – Water, Sanitation and Hygiene
**WFP** – World Food Programme
**WHO** – World Health Organization
**WMO** – World Meteorological Organization

## XII. MANDATORY ANNEXES

Annex A: GCF Specific Conditions, Representations, Warranties and Covenants
Annex B: GCF Board-approved Funding Proposal
Annex C: Letter of agreement between the Implementing Partner and Responsible Parties
Annex D: Co-financing commitment letters of co-financing (from the project design stage)
Annex E: Timetable of project implementation
Annex F: Procurement plan
Annex G: Terms of References for Project Board and Project Team
Annex H: UNDP Social and Environmental Screening Procedure (SESP) (to be completed in UNDP Quantum+ and the printout to be attached to the project document)
Annex I: Environmental and Social Management Plan or Framework (ESMP or ESMF), as relevant
Annex J: Stakeholder Engagement Plan (including summary of consultations)
Annex K: Gender Analysis and Action Plan
Annex L: UNDP Risk Register
Annex M: Letter of Agreement with the government in case UNDP Support Service Costs are applied
Annex N: HACT micro assessment and Partner Capacity Assessment Tool (PCAT)
Annex O: Additional agreements: Including cost sharing agreements, project cooperation agreements signed with NGOs (where the NGO is designated as the "executing entity"), letters of financial commitments
Annex P: UNDP Project Quality Assurance Report (to be completed in UNDP Quantum+ and the printout to be attached to the project document)
Annex Q: Monitoring Activity Table
Annex R: On-Granting Provisions Applicable to the Implementing Partner

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Annex S: Other annexes included in the Funding Proposal annex package approved by the GCF Board (to the extent that they are not confidential as indicated in the disclosure form submitted to the GCF)

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## Annex A: GCF Specific Conditions, Representation, Warranties and Covenants

(i) The Implementing Partner hereby expressly agrees, and shall ensure that each of its responsible parties, their respective sub-recipients and other entities involved in Project Implementation, either as contractors or subcontractors and any individuals performing services for them under the Project Document agrees, to comply with the following Project Specific Conditions:

5.01 Modifications to the Funded Activity. Without prejudice to Clause 15.06 of this Agreement, for the purposes of clause 11.03 of the AMA, the Accredited Entity shall inform the Fund as soon as possible of any proposed modification to the Funded Activity which could reasonably constitute a Major Change, and seek the Fund's instructions on the necessary steps to be taken to address such event or to effect such proposed modification, which may involve seeking a new No-Objection Letter and/or new Board approval.

5.02 For purposes of Clause 5.01 above, a Major Change may include:

(a) A change in the scope of the Funded Activity or use of the GCF Proceeds which would result in a substantial deviation from the intended outcomes that the Accredited Entity seeks to achieve from the implementation of the Funded Activity, including its climate and/or environmental impacts;

(b) An adverse impact on the ability of the Executing Entity to operate the Funded Activity;

(c) The requirement for an additional financial commitment from the Fund;

(d) A change in the Executing Entity or an adverse change in the legal status of the Executing Entity or any third party involved in the implementation of the Funded Activity that materially and adversely impacts implementation of the Funded Activity; and

(e) A material shortfall resulting from the suspension, cancellation, termination or not coming into effect, in whole or in part, of any Co-financing or a Co-financing Agreement, unless adequate funds for the Programme are available from other sources on terms and conditions consistent with the affected Co-financing or Cofinancing Agreement.

(ii) The Implementing Partner hereby expressly represents and warrants, and shall ensure, where applicable, that each of its responsible parties, their respective sub-recipients and other entities involved in Project Implementation, either as contractors or subcontractors and any individuals performing services for them under the Project Document represents and warrants, that:

(a) On the date of the execution of this Agreement, the Effective Date and the date of each Disbursement made by the GCF under this Agreement, the Accredited Entity has duly executed this Agreement, and that this Agreement is legally binding on, and enforceable against it in accordance with its governing law;

(b) On the date of the execution of this Agreement, the Effective Date and the date of each Disbursement made by the GCF under this Agreement, the Accredited Entity is duly authorized and has the capacity to enter into this Agreement and has duly executed and delivered this Agreement;

(c) On the date of execution of this Agreement, the Effective Date and on the date of each Disbursement made by the Fund under this Agreement, the Accredited Entity has carried out all due diligence as necessary to ensure that the Funded Activity is at all times in compliance with its own gender policy, indigenous peoples policy and any other relevant UNDP policies;

(d) On the date of the execution of this Agreement and the date of each Disbursement made by the Fund under this Agreement, there are no circumstances of which the Accredited Entity is aware, including through its oversight of the Funded Activity as per the obligations of this Agreement, the AMA and UNDP's own policies and practices, that may substantially interfere with the performance of its obligations under this Agreement, the AMA or with the implementation of the Funded Activity, or otherwise jeopardize the achievements of any objectives, outcomes or outputs of the Funded Activity;

(e) On the date of the first Disbursement by the Fund under this Agreement and throughout the term of this Agreement, the Project Document remains in effect;

(f) On the date of each Disbursement by the Fund under this Agreement, no Event of Default has occurred and is continuing under this Agreement;

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(g) On the date of execution of this Agreement, the Effective Date and on the date of each Disbursement made by the Fund under this Agreement, the Accredited Entity has carried out all due diligence as necessary to ensure that the Funded Activity is at all times in compliance with the requirements of clause 4.05(b)(ii)(B) of the AMA.

(iii) The Implementing Partner hereby expressly covenants, and shall ensure, where applicable, that each of its responsible parties, their respective sub-recipients and other entities involved in Project Implementation, either as contractors or subcontractors and any individuals performing services for them under the Project Document covenants, that:

(a) Apply, in accordance with its own policies and procedures, its own fiduciary principles and standards relating to AML/CFT in the implementation of the Funded Activity;

(b) Conduct baseline assessments for the Funded Activity and deliver the baseline assessments and the revised logical framework with appropriate modifications in the targets for GCF supplementary indicators to the Fund within twelve (12) months of the Effective Date;

(c) Ensure that the Final Beneficiaries under the Programme, the Programme implementation areas and eligible interventions of the Programme are selected and approved in accordance with the Eligibility Criteria;

(d) Finalize an Operations Manual (to be provided to the Fund pursuant to Clause 9.01(a)(viii) above) which, among others, shall include the following content:

(i) Eligibility Criteria;

(ii) Description of the implementation and governance arrangements for the Programme, including the Terms of Reference of the Project Board or Project Steering Committee;

(iii) Description of the proposed operations and maintenance provisions for the construction and/or installation of the Multi-Hazard Early Warning Systems (MHEWS) infrastructure and equipment under the Programme;

(iv) Description of the criteria and process through which the Accredited Entity is to define the situation of insecurity that could hamper Programme implementation; and

(v) Criteria to be used to identify alternative areas of intervention in case of insecurity in any project site;

(e) Prior to its finalization, deliver a copy of the draft Operations Manual for the review and non-objection by the Fund;

(f) Not amend any section of the Operations Manual related to the content listed under Clause 10.02(d) above, except with the prior written no-objection of the Fund. Without prejudice to the foregoing, in case of any amendments are made to the Operations Manual, the Accredited Entity shall provide a copy of the amended Operations Manual within five (5) calendar days of its amendment;

The Implementing Partner agrees that any non-compliance of the Project Specific Conditions under item (i), representation and warranties provided under item (ii) and/or the covenants set out in item (iii) above shall be deemed a breach of the obligations of the Implementing Partner under this Project Document.

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Annex B: GCF Board-approved Funding Proposal

https://www.greenclimate.fund/document/multi-country-project-advancing-early-warnings-all-ew4all-0

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## Annex C: Letter of Agreement Between the Implementing Partner and Responsible Parties

(To be attached later stage)

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# Annex D: Co-financing commitment letters of co-financing (from the project design stage)

**United Nations Development Programme**

*File: NCE*
*Reference No.: 2024/1263*

19 December 2024

Dear Ms. Bennet,

**Subject: Co-financing commitment letter for the "*Early Warning for All Multi-Country Project Cambodia*"**

Reference is made to the project entitled "*Early Warning for All Multi-Country Project Cambodia*" proposed to the Green Climate Fund (GCF) for funding.

In this connection, I am writing to confirm UNDP Cambodia's in-kind co-financing contribution towards the above-mentioned project, should the proposal be approved. The contribution is US$50,000. The in-kind co-financing will be provided through direct technical advisory and operational support by the CO to the project.

We thank you and your team for the diligent support during project development and look forward to your continued guidance and technical oversight during implementation.

Yours sincerely,

DocuSigned by:
28E9179E84A24FF...

**Alissar Chaker**
Resident Representative

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## Annex E: Timetable of Project Implementation

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https://pims.undp.org/attachments/10408/222258/1817296/1899229/UNDP%20EW4All%20Cambodia%20_Work%20Plan.xlsx

## Annex F: Procurement plan

### I. General

1. **Project information** *[Multi-Country Project on Early Warnings for All - EW4All, Country: (Antigua & Barbuda, Cambodia, Chad, Ecuador, Ethiopia, Fiji, Somalia)]*:
2. **Version of the Plan**: Version 1.0 Dated 24 December 2024
3. **Procurement Plan clearance date (to be indicated by GCF)**:
4. **Period covered by this procurement plan:** This initial procurement plan is expected to cover at least the first 18 months of project/program implementation, or the full implementation period if available. Subsequent procurement plans (if needed) or substantial changes to this approved plan shall be communicated to the GCF upfront.

### II. Procurement Methods and Prior Review Thresholds

UNDP will be responsible for procurement activities in adherence to UNDP policies and procedures. The following UNDP procurement thresholds shall apply to the procurement of goods, services and works.

| | **Procurement Method[1]** | **Procurement category** | **Financial threshold applicable[2]** | **Prior Review Threshold (applicable if the Executing Entity is not the AE)[3]** | **Remarks** |
|---|---|---|---|---|---|
| 1. | Micro-purchasing (MP) | Goods and non-consultancy services | Below US 10,000 | *Please see Annex 1.* | Limited International or national |
| 2. | Request for quotation (RFQ) | Goods, works and Non-Consultancy services | US 10,000 to $199,999 | *Please see Annex 1.* | Limited International or national |
| 3. | Invitation to bid (ITB) | Goods, works and Non-Consultancy Services | US $200,000 and above | *Please see Annex 1.* | Open international |
| 4. | Request for proposal (RFP) | Consultancy Services and Complex Works | US $200,000 and above | *Please see Annex 1.* | Open international |
| 5. | Direct Contracting | Goods, Non-Consultancy Services, works and | Any amount within permissible circumstances | *Please see Annex 1.* | None |

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| | | Consultancy Services | | | |
| 6. | Open Competition | Individual Experts | U$ 100,000 and above | *Please see Annex 1.* | Open international |
| 7. | Desk review | Individual Experts | U$ 10,000 to U$ 99,999 | *Please see Annex 1.* | Limited International or national |
| 8. | Use of existing Long-Term Agreement (LTA) / Individual expert Rosters | Goods, Non-consultancy services, works, consultancy services and Individual Experts | Depending on the approved ceiling for LTA/Roster use | | Based on Open or Limited International / National |

1. As per applicable procurement policy of the Accredited Entity.
2. Financial threshold for which the indicated procurement method should be used.
3. Financial threshold above which the Accredited Entity will review and provide clearance prior procurement process is initiated (not applicable if AE is the executing entity).

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## III. Procurement activities

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Item No.** | **Description of works, goods, non-consultancy and consultancy services to be procured** | **Required Delivery / Commencement of Services time (weeks/ months after FP approval)** | **Procuring entity** | **Estimated cost (USD)** | **Procurement method[1]** | **Selection method[2]** | **Prequalification (Yes/No)** | **Review by AE (Prior/Post procurement process[28])** | **Tender issuing (e.g. weeks/months from the FP approval, etc.)** | **Bid submission deadline (days/weeks after tender issuing day)** | **Evaluation and contract signing time (days/weeks after bid submission deadline)** | **Remarks** |
| **Non-consulting services** | | | | | | | | | | | | |
| **1** | Workshop/Training/ meeting<br>Est. around 51 workshops, 8 trainings, 161 meetings, and 3 international events for 5 years. | 6 months | | 912,200.00 | Use of existing Long-Term Agreement (LTA) | Call-off | | | | | | The lumpsum amount including DSA, transportation cost, vehicle rental, and venue. Yet the procurement will be processed with only venue & vehicle rental. |

[28] Since the Executing Agency will be the AE, we have only marked processes which will be subject to prior review by UNDP's Procurement Oversight Committees, as per Annex 1.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2** | Transportation/travel | 6 months | | 392,994.98 | Use of existing Long-Term Agreement (LTA) | Call-off | | | | | | For staff travel to province. The lumpsum include DSA and car rental. However, the procurement request will be only vehicle rental. |
| **3** | Act2.2.2:<br>Contractual companies for HydroMet repairs in the target provinces: 2 Years, 1 lumpsum @ 78050 = 156100 | 12 months | UNDP CO / Global | 156,100.00 | Request for quotation (RFQ) | Technical responsive and lowest price | No | Applies | 8 months | 2 weeks | 4 weeks | |
| **Total:** | | | | **1,461,294.98** | | | | | | | | |
| **Consultancy services (companies)** | | | | | | | | | | | | |
| **1** | Act3.1.1:<br>Assessment and research on Dissemination landscaping: 4 provinces, 1 lumpsum @ 10000 = 40000 | 12 months | UNDP - CO | 40,000.00 | Request for proposal (RFP) | Combined scoring | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 8 months | 2 weeks | 3 weeks | |

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| **2** | Act3.1.1:<br>contractual company to conduct research for focusing on inclusion through focused sampling and combining quantitative and qualitative methods: 1 contract, 1 lumpsum @ 40000 = 40000 | 24 months | UNDP-CO | 40,000.00 | Request for proposal (RFP) | Combined scoring | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 20 months | 2 weeks | 3 weeks | |
| **3** | Act3.1.2:<br>Upgrade MOWRAM's online presence and EW dissemination channels including Facebook and a combined website: 1 Contract, 1 lumpsum @ 200000 = 200000 | 24 months | UNDP-CO | 200,0000.00 | Request for proposal (RFP) | Combined scoring | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 20 months | 4 weeks | 6 weeks | |
| **4** | Act3.1.3:<br>Contract services company (Equipment or Web developer) for developing and rollout a MOWRAM app: 1 company, 1 lumpsum @ 45000 = 45000. | 24 months | UNDP-CO | 45,000.00 | Request for proposal (RFP) | Combined scoring | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 20 months | 2 weeks | 3 weeks | |



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| **5** | Act4.1.1: Baseline study (Based line 1 Firm @ 45000. | 12 months | UNDP-CO | 45,000.00 | Request for proposal (RFP) | Combined scoring | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 8 months | 2 weeks | 3 weeks | |
| **6** | Act4.1.1: Impact evaluation (1 Firm @ 45000 | 58 months | UNDP-CO | 45,000.00 | Request for proposal (RFP) | Combined scoring | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 54months | 2 weeks | 3 weeks | |
| **7** | Act4.1.1: HACT micro-assessment of potential responsible parties (MOE, Action Aids, RIMES. IFRC) | 6 months | UNDP-CO | 8,600.00 | Use of existing Long-Term Agreement (LTA) | Call-off | | | | | | |
| **8** | Act4.1.1: HACT Audit/Spot check of potential responsible parties (PIN, NCDM, MOE, Action Aids, IFRC) for 4 years | 12 months | UNDP-CO | 51,400.00 | Use of existing Long-Term Agreement (LTA) | Call-off | | | | | | Annual audit/spot check to potential responsible parties (PIN, NCDM, MOE, Action |

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| | | | | | | | | | | | | Aids, IFRC)) |
| **Total:** | | | | 475,000.00 | | | | | | | | |
| **Goods** | | | | | | | | | | | | |
| **1** | Act 1.1.1:<br>Tablets for NCDM/PCDM to collect and manage data in CamDi 2.0 system including the integration with PRISM and hazard data of MoE. (100 tablets, est. US$400/tablet). Est. US$40,000.00<br>Act3.1.3:<br>ITC equipment to Upgrade MOWRAM's online presence and EW dissemination channels (est. US$30,000.00) | 24 months | UNDP CO | 70,000.00 | Request for quotation (RFQ) or LTAs | Technical responsive and lowest price | No | Processes which will be subject to prior review by UNDP's Procurement Oversight Committees. | 20 months | 2 weeks | 3 weeks | The whole procurement process might take 5 to 6 weeks |
| **2** | Act2.2.2:<br>Equipment for HydroMet repairs (lightning alert system incl. lightning alarms, real-time activity, and sirens and solar power suppliers) in 4 target provinces: 4 sets , 1 set @ 30000 = 120000 | 12 months | UNDP CO/Global | 120,000.00 | Request for quotation (RFQ) | Technical responsive and lowest price | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 8 months | 2 weeks | 4 weeks | The whole procurement process might take 6 to 7 weeks |

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| **3** | Act2.3.1:<br>Forecasters workstations for the 4 target provinces (4 forecasters, US$15,000/forecaster) | 24 months | UNDP CO/Global | 60,000.00 | Request for quotation (RFQ) | Technical responsive and lowest price | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 20 months | 2 weeks | 4 weeks | The whole procurement process might take 6 to 7 weeks |
| **Total:** | | | | 250,000.00 | | | | | | | | |
| **Works** | | | | | | | | | | | | |
| **1** | Act 3.3.2:<br>Construction cost (1. public buildings. 2. Upgrading existing temporary shelters. 3 Years, 1 Year @ 90000 = 270000<br>Act 3.3.2:<br>Equipment for construction Cost (1. public buildings. 2. Upgrading existing temporary shelters). Est. 3 years | 12 months | UNDP-CO | 399,000.00 | Invitation to bid (ITB) | Technical responsive and lowest price | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 8 months | 4 weeks | 4 weeks | 83,000/Year and the requirement based on the need assessment<br>50,000/Year and the requirement based. |
| **Total:** | | | | 399,000.00 | | | | | | | | |
| **Individual consultants (IC/IPSA) services (if applicable)[3]** | | | | | | | | | | | | |
| **1** | Act1.1.1:<br>1 International Consultant to develop data sharing | 24 months | UNDP CO | 30,000.00 | Desk review/GPN Exp Res roster | QCBS/ QBS | No | N/A | 20 months | 2 weeks | 3 weeks | |

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| | protocol: 40 days @ 750 = 30000 | | | | | | | | | | | |
| **2** | Act1.1.1:<br>1 National Consultant to develop data sharing protocol: 40 days @ 350 = 14000 | 24 months | UNDP CO | 14,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **3** | 1 International consultant for Global Technical Support: 5 years = US$500,000<br>Act1.1.1: International Consultant for Global technical support: 5 Years, 1 Year @ 32000 = 160000<br>Act 2.1.1: International Consultant for Global technical support.: 5 Years, 1 Year @ 34000 = 170000<br>Act 2.1.1: International Consultant for Global technical support.: 5 Years, 1 Year @ 34000 = 170000 | | UNDP Global | 500,000.00 | Desk review/GPN ExpRes roster or Open Competition/ ICFA establishment | QCBS/ QBS | | Possibly applicable? | | | | Procurement process will be done by UNDP Global. |
| **4** | Act 1.2.2:<br>1Consultant to support/facilitate for | 24 months | UNDP CO | 10,500.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |

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| | quarterly technical EW/EA working groups: 30 days @ 350 = 10500 | | | | | | | | | | | |
| **5** | Act 1.3.1:<br>1 Consultant to develop a comment EW4all approach to gender & inclusion: 30 days, 1 day @ 350 = 10500 | 24 months | UNDP CO | 10,500.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **6** | Act 1.3.1:<br>1Consultant: Communication production (video and storytelling): 20 days, 1 day @ 350 = 7000 | 36 months | UNDP CO | 7,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 32 months | 2 weeks | 3 weeks | |
| **7** | Act1.3.1: CTA-Technical Expert: 60 days, 1 day @ 1000 = 60000 | 8 months | UNDP CO | 60,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 6 months | 2 weeks | 3 weeks | |
| **8** | Act2.1.1:<br>CTA-Technical Expert to Incorporate aspects of the next generation global tracking system for hazardous events & losses and damages: 85 days, 1 day @ 1000 = 85000 | 24 months | UNDP CO | 85,000.00 | Open competition | Combined scoring | No | processes which will be subject to prior review by UNDP's Procurement Oversight Committees | 20 months | 2 weeks | 4 weeks | |
| **9** | Act2.1.1:<br>1 Consultant on System mapping: 30 | 12 months | UNDP CO | 10,500.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 8 months | 2 weeks | 3 weeks | |

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| | days, 1 day @ 350 = 10500 | | | | | | | | | | | |
| **10** | Act 2.1.1:<br>Consultant for design building the next generation CamDi: 30 days, 1 day @ 350 = 10500 | 36 months | UNDP CO | 10,500.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 32 months | 2 weeks | 3 weeks | |
| **11** | Act2.1.1:<br>Consultant to development CamDi manual: 30 days , 1 day @ 350 = 10500 | 24 months | UNDP CO | 10,500,00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **12** | Act3.1.1:<br><br>1 international Consultant for A1. Dissemination landscaping (40 days x 650): 1 lumpsum @ 26000 = 26000 | 24 months | UNDP CO | 26,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **13** | Act3.1.1:<br>2 National Consultant for Dissemination land scaping: 2 consultants, 1 lumpsum @ 14000 = 28000 | 24 months | UNDP CO | 28,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **14** | Act3.1.1:<br>1 Consultant to develop an alert dissemination plan/strategy: 30 days , 1 day @ 600 = 18000 | 24 months | UNDP CO | 18,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |

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| **15** | Act3.1.1:<br>1 International Consultant for Review of population needs using the GSMA's Connectivity, Needs and Usage Assessment (CoNUA) toolkit2: 1 Consultant , 1 lumpsum @ 31500 = 31500 | 24 months | UNDP CO | 31,500.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **16** | Act3.1.1:<br>Local Consultant for Review of population needs using the GSMA's Connectivity, Needs and Usage Assessment (CoNUA) toolkit2: 2 consultants, 1 consultant @ 15750 = 31500 | 24 months | UNDP CO | 31,500.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **17** | Act3.1.1:<br>International Consultant to develop an alert dissemination plan/strategy on where and how to implement and/or include (in addition to the CB system): 1 consultant , 1 lumpsum @ 18000 = 18000<br>Act3.1.2: | 24 months | UNDP CO | 25,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |

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| | International consultant to review and document the Current status of warning dissemination and communication systems (10days x US$700): 1 consultant, 1 lumpsum @ 7000 = 7000 | | | | | | | | | | | |
| **18** | Act3.1.1:<br>Local consultant to develop an alert dissemination plan/strategy on where and how to implement and/or include (in addition to the CB system): 1 consultant, 1 lumpsum @ 10500 = 10500.<br>Act3.1.2:<br>Local consultant to review and document the Current status of warning dissemination and communication systems (10days x US$350): 1 consultant, 1 lumpsum @ 3500 = 3500. | 24 months | UNDP CO | 14,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |

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| **19** | Act3.1.2:<br>International consultant to Complete national checklists, develop national roadmaps (RMs), and conduct country-level assessment (10 days x US$700): 1 consultant, 1 lumpsum @ 7000 = 7000. | 24 months | UNDP CO | 7,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **20** | Act3.1.2:<br>GSMA-Stakeholder engagement and coordination: Local consultant to Complete national checklists, develop national roadmaps (RMs), and conduct country-level assessment (10days x US$350): 1 consultant, 1 lumpsum @ 3500 = 3500 | 24 months | UNDP CO | 3,500.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **21** | Act3.1.2:<br>International consultant to Conduct country level assessment on the availability, resilience, and coverage of mobile networks (20 days x US$700): 1 consultant, 1 | 12 months | UNDP CO | 14,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 8 months | 2 weeks | 3 weeks | |

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| | lumpsum @ 14000 = 14000. | | | | | | | | | | | |
| **22** | Act3.1.2:<br>Local consultant to Conduct country level assessment on the availability, resilience, and coverage of mobile networks (20 days x US$350): 1 consultant , 1 lumpsum @ 7000 = 7000. | 12 months | UNDP CO | 7,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 8 months | 2 weeks | 3 weeks | |
| **23** | Act3.1.2:<br>International consultant to Conduct assessment of current legislation and SOPs (20 days x US$700): 1 consultant, 1 lumpsum @ 14000 = 14000. | 12 months | UNDP CO | 14,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 8 months | 2 weeks | 3 weeks | |
| **24** | Act3.1.2:<br>Local consultant to Conduct assessment of current legislation and SOPs (20 days x US$350): 1 consultant, 1 lumpsum @ 7000 = 7000. | 12 months | UNDP CO | 7,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 8 months | 2 weeks | 3 weeks | |
| **25** | Act3.1.2:<br>International consultant to raise awareness for countries to update their WMO registry | 36 months | UNDP CO | 21,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 32 months | 2 weeks | 3 weeks | |



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| | & to support countries in developing National Emergency Telecommunication Plan (NETP) (30 days x US$700): 1 consultant, 1 lumpsum @ 21000 = 21000. | | | | | | | | | | | |
| **26** | Act3.1.2:<br>Local consultant to raise awareness for countries to update their WMO registry &to support countries in developing National Emergency Telecommunication Plan (NETP) (20 days x US$350): 1 consultant, 1 lumpsum @ 7000 = 7000. | 36 months | UNDP CO | 7,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 32 months | 2 weeks | 3 weeks | |
| **27** | Act3.1.2:<br>International consultant to raise awareness for countries to organize national workshops on pillar 3 and gather information and bring together stakeholders. (10 days x US$700): 1 consultant, 1 lumpsum @ 7000 = 7000. | 36 months | UNDP CO | 7,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 32 months | 2 weeks | 3 weeks | |

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| **28** | Act3.1.2:<br>International Consultant to coordinate between experts and stakeholders at the national level (100 days x US$700): 1 consultant, 1 lumpsum @ 70000 = 70000. | 36 months | UNDP CO | 70,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 32 months | 2 weeks | 3 weeks | |
| **29** | Act3.1.2:<br>Local Consultant to coordinate between experts and stakeholders at the national level (100 days x US$350): 1 consultant, 1 lumpsum @ 35000 = 35000. | 36 months | UNDP CO | 35,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 32 months | 2 weeks | 3 weeks | |
| **30** | Act3.1.3:<br>International consultant to support on Upgrade MOWRAM's online presence and EW dissemination channels: 1 Consultant, 1 lumpsum @ 40000 = 40000. | 24 months | UNDP CO | 40,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |
| **31** | Act3.1.3:<br>Local consultant to support on Upgrade MOWRAM's online presence and EW dissemination channels: 1 | 24 months | UNDP CO | 20,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |

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| | consultant, 1 lumpsum @ 20000 = 20000. | | | | | | | | | | | |
| **32** | Act 3.3.2<br>Consultant to design and construction site supervision (1. public buildings 2. Upgrading existing temporary shelters): 3 Years, 1 Year @ 7000 = 21000. | 12 months | UNDP CO | 21,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 8 months | 2 weeks | 3 weeks | |
| **33** | Act3.3.3:<br>Consultant to develop M&E system for SR-GBSP: 1 consultant, 70 day @ 350 = 24500. | 12 months | UNDP CO | 24,500.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 8 months | 2 weeks | 3 weeks | |
| **34** | Act3.3.3:<br>Consultant to conduct impact evaluation of SP-GBSP programme-2 rounds: 2 round, 50 day @ 350 = 35000. | 12 months | UNDP CO | 35,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 8 months | 2 weeks | 3 weeks | |
| **35** | Act3.3.3:<br>Consultant for capacity need assessment to national and sub-national government and institution who are responsible for implementing the SR-GBSP: 1 consultant, 20 day @ 350 = 7000. | 24 months | UNDP CO | 7,000.00 | Desk review/ GPN ExpRes roster | Combined scoring | No | N/A | 20 months | 2 weeks | 3 weeks | |

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| **Total:** | **1,262,500.00** | | |

[1] As per applicable procurement policy. If method to be applied would be non-competitive (e.g. single sourcing, direct contracting) justification with concrete arguments must be provided under 'Remarks'.

[2] Selection methods include Quality Cost Based Selection (QCBS), Quality Based Selection (QBS), Fixed Budget Selection (FBS), Least Cost Selection (LCS), Consultants Qualifications Selection (CQS), Single source selection (SSS). For procurement of goods and services contracted from companies it can also include combined (technical/financial) scoring, technical responsive and lowest priced and LTA call-off following LTA applicable SOPs.

[3] If engagement of individual consultants is not processed under procurement (e.g. through human resources) indicate N/A.

**Addendum 1: UNDP Policy on Prior and Post Review**

| | **Level 1 (Country Level):** Contracts, Assets and Procurement Committee | **Level 2 (Regional):** Regional Advisory Committee on Procurement (country offices only) | **Level 3 (HQ):** Advisory Committee on Procurement |
|---|---|---|---|
| **Competitive procurement process** | | | |
| Any contract or series of contracts including amendments to be awarded to a vendor *in a calendar year* that in aggregate has a cumulative value: | Above US $50,000 (above US $100,000 for Individual Contracts) and up to the standard delegated procurement authority – Direct Review by CAP Chairperson.<br>Above the standard delegated procurement authority and up to any increased delegated procurement authority – by CAP Committee. | Above the delegated procurement authority and up to US $2 million (applies per year for Long-Term Agreements) | Country offices: above US $2 million (applies per year for Long-Term Agreements) |
| **Direct contracting** | | | |
| Any contract or series of contracts, including amendments to be awarded to a vendor *in a calendar year* that in aggregate has a cumulative value: | Above US $50,000 and up to 50 percent of the standard delegated procurement authority – Direct Review by CAP Chairperson<br>Above 50 percent of the standard delegated procurement authority and up to 50 percent of any increased delegated procurement authority – by CAP Committee | Above 50 percent of the delegated procurement authority and up to US $2 million (applies per year for long-term agreements) | Headquarters units: above 50 percent of the delegated procurement authority<br>Country offices: above US $2 million (applies per year for long-term agreements) |
| **Amendment of all contracts** | | | |

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| Any amendment or series of amendments to a contract which, in aggregate, increases the contract value by 20 percent or the delegated procurement authority, whichever is less: | Above US $50,000 and up to the standard delegated procurement authority – Direct Review by CAP Chairperson.<br>Above the standard delegated procurement authority and up to the increased delegated procurement authority - by CAP Committee | Above the delegated procurement authority and up to US $2 million (applies per year for long-term agreements) | Country offices: above US $2 million (applies per year for long-term agreements) |
| **Ex ante review** | | | |
| Ex ante review refers to the review of the procurement strategy roadmap prior to commencement of the procurement process for complex procurement actions with a value: | N/A | Above US $1 million and up to US $2 million (applies per year for long-term agreements) | Above US $2 million (applies per year for long-term agreements) |
| Notes: | 1. The procurement support unit shall participate when requested in the committee review of ex ante submissions.<br>2. An ex ante review is not required if:<br>1. The business unit has had a previous successful experience in the procurement of similar goods/services/works that was already subject to an ex ante review; or<br>2. There is sufficient specific corporate guidance and templates on the procurement of the said goods/services.<br>3. Irrespective of the above, the procurement authority may submit the cases for ex ante review if significant risks are perceived. | | |

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Annex G: Terms of References for Project Board and Project Team

## Term of Reference for Project Board

**1. Purpose and Authority**

The Project Board serves as the highest decision-making body for the Cambodia Early Warnings for All Initiative (EW4All), providing strategic oversight and policy direction. The Board operates within UNDP's Direct Implementation Modality (DIM), ensuring alignment with GCF Funding Proposal FP258 and UNDP Programme and Operations Policies and Procedures (POPP).

The two prominent (mandatory) roles of the project board are as follows:

1) **High-level oversight of the execution of the project by the Implementing Partner** (as explained in the "Provide Oversight" section of the POPP). This is the primary function of the project board and includes annual (and as-needed) assessments of any major risks to the project, and decisions/agreements on any management actions or remedial measures to address them effectively. The Project Board reviews evidence of project performance based on monitoring, evaluation and reporting, including progress reports, evaluations, risk register and the combined delivery report. The Project Board is the main body responsible for taking corrective action as needed to ensure the project achieves the desired results.
2) **Approval of strategic project execution decisions of the Implementing Partner** with a view to assess and manage risks, monitor and ensure the overall achievement of projected results and impacts and ensure long term sustainability of project execution decisions of the Implementing Partner (as explained in the "Manage Change" section of the POPP).

**Requirements to serve on the Project Board**:

- ✓ Agree to the Terms of Reference of the Board and the rules on protocols, quorum and minuting.
- ✓ Meet annually; at least once.
- ✓ Disclose any conflict of interest in performing the functions of a Project Board member (if not avoidable) and take all measures to avoid any real or perceived conflicts of interest. This disclosure must be documented and kept on record by UNDP.
- ✓ Discharge the functions of the Project Board in accordance with UNDP policies and procedures.
- ✓ Ensure highest levels of transparency and ensure Project Board meeting minutes are recorded and shared with project stakeholders.

**2. Responsibilities of the Project Board**:

- ✓ Consensus decision making:
  - The project board provides overall guidance and direction to the project, ensuring it remains within any specified constraints, and provides overall oversight of the project implementation.
  - Review project performance based on monitoring, evaluation and reporting, including progress reports, risk register and the combined delivery report;
  - The project board is responsible for making management decisions by consensus.
  - In order to ensure UNDP's ultimate accountability, Project Board decisions should be made in accordance with standards that shall ensure management for development results, best value money, fairness, integrity, transparency and effective international competition.
  - In case consensus cannot be reached within the Board, the UNDP representative on the board will mediate to find consensus and, if this cannot be found, will take the final decision to ensure project implementation is not unduly delayed.
- ✓ Oversee project execution:
  - Agree on project manager's tolerances as required, within the parameters outlined in the project document, and provide direction and advice for exceptional situations when the project manager's tolerances are exceeded.

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- Appraise annual work plans prepared by the Implementing Partner for the Project; review combined delivery reports prior to certification by the implementing partner.
- Address any high-level project issues as raised by the project manager and project assurance;
- Advise on major and minor amendments to the project within the parameters set by UNDP and the donor and refer such proposed major and minor amendments to the UNDP BPPS/VF Executive Coordinator (and the GCF Secretariat and/or GCF Board, as required by GCF policies);
- Provide high-level direction and recommendations to the project management unit to ensure that the agreed deliverables are produced satisfactorily and according to plans.
- Track and monitor co-financed activities and realisation of co-financing amounts of this project.
- Approve the Inception Report, Baseline Report, GCF APRs, Interim Independent Evaluation and terminal evaluation reports, other reports that GCF may require.
- Ensure commitment of human resources to support project implementation, arbitrating any issues within the project.

✓ Risk Management:

- Provide guidance on evolving or materialized project risks and agree on possible mitigation and management actions to address specific risks.
- Review and update the project risk register and associated management plans based on the information prepared by the Implementing Partner. This includes risks related that can be directly managed by this project, as well as contextual risks that may affect project delivery or continued UNDP compliance and reputation but are outside of the control of the project. For example, social and environmental risks associated with co-financed activities or activities taking place in the project's area of influence that have implications for the project.
- Address project-level grievances.

✓ Coordination:

- Ensure coordination between various donor and government-funded projects and programmes.
- Ensure coordination with various government agencies and their participation in project activities.

**3. Composition of the Project Board**

The composition of the Project Board must include individuals assigned to the following three roles:

**1. Project Executive:** This is an individual who represents ownership of the project and chairs (or co-chairs) the Project Board. The Executive usually is the senior national counterpart for nationally implemented projects (typically from the same entity as the Implementing Partner), and it must be UNDP for projects that are direct implementation (DIM). In exceptional cases, two individuals from different entities can co-share this role and/or co-chair the Project Board. If the project executive co-chairs the project board with representatives of another category, it typically does so with a development partner representative. The Project Executive is: **Resident Representative, UNDP Cambodia.**

*2.* **Beneficiary Representative(s):** Individuals or groups representing the interests of those groups of stakeholders who will ultimately benefit from the project. Their primary function within the board is to ensure the realization of project results from the perspective of project beneficiaries. Often representatives from civil society, industry associations, or other government entities benefiting from the project can fulfil this role. There can be multiple beneficiary representatives in a Project Board. The Beneficiary representative (s) is/are: **Secretary General of National Committee for Disaster Management, Director of PMU-NCDM.**

*3.* **Development Partner(s):** Individuals or groups representing the interests of the parties concerned that provide funding, strategic guidance and/or technical expertise to the project. The Development Partner(s) is/are: Green Climate Fund

**4. Project Assurance:**

Project assurance is the responsibility of each project board member; however, UNDP has a distinct assurance role for all UNDP projects in carrying out objective and independent project oversight and monitoring functions. UNDP performs quality assurance and supports the Project Board (and Project Management Unit) by carrying out objective

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and independent project oversight and monitoring functions, including applying and ensuring compliance with UNDP's risk management and social and environmental management systems to ensure the SES are applied through the project cycle. The Project Board cannot delegate any of its quality assurance responsibilities to the Project Manager. Project assurance is totally independent of project execution.

A designated representative of UNDP playing the project assurance role is expected to attend all board meetings and support board processes as a non-voting representative. It should be noted that while in certain cases UNDP's project assurance role across the project may encompass activities happening at several levels (e.g. global, regional), at least one UNDP representative playing that function must, as part of their duties, specifically attend board meeting and provide board members with the required documentation required to perform their duties. The UNDP representative playing the main project assurance function is/are:
**Mr. Chhum Sovanny, Programme Analyst**.

**5. Project Management – Execution of the Project:** The Project Manager (PM) (also called project coordinator) is the senior most representative of the Project Management Unit (PMU) and is responsible for the overall day-to-day management of the project on behalf of the Implementing Partner, including the mobilization of all project inputs, supervision over project staff, responsible parties, consultants and sub-contractors. The project manager typically presents key deliverables and documents to the board for review and approval, including progress reports, annual work plans, adjustments to tolerance levels and risk registers.

A designated representative of the PMU is expected to attend all board meetings and support board processes as a non-voting representative.

**Voting Members:**

- **Project Executive (Chair):** UNDP Resident Representative, Mr Enrico Gaveglia
- **Senior Beneficiary:** NCDM Secretary General, H.E. Kim Virak, representing national ownership and vulnerable communities.
- **Senior Supplier:** UNDP Deputy Resident Representative, representing resource provision and GCF compliance.

**Non-Voting Observers:**

- **National Designated Authority:** Ministry of Environment, H.E. Sum Thy, ensuring alignment with Cambodia's NDCs.
- **Development Partner:** Green Climate Fund representative. When GCF is unable to attend, UNDP represents GCF's interests in accordance with FAA requirements.

**Non-Voting Attendees:**

- **Project Assurance:** UNDP Programme Analyst, providing independent quality assurance.
- **National Project Management Specialist**, presenting progress reports.

**Terms of Reference of Techncial Services to be provided by UNDP:**

- *These staff costs cannot include any oversight functions as this would duplicate GCF implementation functions paid by the GCF Fee.*
- *All technical services must be specified and known and cannot refer to anticipated or expected technical support services.*
- *The qualifications necessary to undertake these technical services must be included in the TOR.*
- *The UNDP-BPPS RTA and the PTA must approve the technical services included in the TOR (and the qualifications). The RTA and the PTA have the full authority to edit, revise, and/or refuse the technical services if they are contrary to GCF policy.*



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**Terms of Reference for Key Project Staff**

**Project Manager**

Background

The Project Manager (PM) will be appointed by the project implementing partner. The PM will be responsible for the overall management of the Project, including the mobilisation of all project inputs, supervision over project staff, consultants and sub-contractors.

Duties and Responsibilities

- Manage the overall conduct of the project.
- Plan the activities of the project and monitor progress against the approved workplan.
- Execute activities by managing personnel, goods and services, training and low-value grants, including drafting terms of reference and work specifications, and overseeing all contractors' work.
- Monitor events as determined in the project monitoring plan, and update the plan as required.
- Provide support for completion of assessments required by UNDP, spot checks and audits.
- Manage requests for the provision of UNDP financial resources through funding advances, direct payments or reimbursement using the FACE form.
- Monitor financial resources and accounting to ensure the accuracy and reliability of financial reports.
- Monitor progress, watch for plan deviations and make course corrections when needed within project board-agreed tolerances to achieve results.
- Ensure that changes are controlled, and problems addressed.
- Perform regular progress reporting to the project board as agreed with the board, including measures to address challenges and opportunities.
- Prepare and submit financial reports to UNDP on a quarterly basis.
- Manage and monitor the project risks – including social and environmental risks - initially identified and submit new risks to the Project Board for consideration and decision on possible actions if required; update the status of these risks by maintaining the project risks log;
- Capture lessons learned during project implementation.
- Prepare revisions to the multi-year workplan, as needed, as well as annual and quarterly plans if required.
- Prepare the inception report no later than one month after the inception workshop.
- Ensure that the indicators included in the project results framework are monitored annually in advance of the GCF APR submission deadline so that progress can be reported in the GCF APR.
- Prepare the GCF APR;
- Assess major and minor amendments to the project within the parameters set by UNDP-BPPS/VF Programme Support, Oversight and Compliance Hub;
- Monitor implementation plans including the gender action plan, stakeholder engagement plan, and any environmental and social management plans;
- Monitor and track progress against the GCF Core indicators.
- Support the Mid-term review and Terminal Evaluation process.

Required skills and expertise

- A university degree (MSc or PhD) in a subject related to business administration, natural resource management or environmental sciences.
- At least 5 years of demonstrable project/programme management experience.
- At least 5 years of experience working with ministries, national or provincial institutions that are concerned with natural resource and/or environmental management.

Competencies

- Strong leadership, managerial and coordination skills, with a demonstrated ability to effectively coordinate the implementation of large multi-stakeholder projects, including financial and technical aspects.

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- Ability to effectively manage technical and administrative teams, work with a wide range of stakeholders across various sectors and at all levels, to develop durable partnerships with collaborating agencies.
- Ability to administer budgets, train and work effectively with counterpart staff at all levels and with all groups involved in the project.
- Ability to coordinate and supervise multiple Project Implementation Units in their implementation of technical activities in partnership with a variety of subnational stakeholder groups, including community and government.
- Strong drafting, presentation and reporting skills.
- Strong communication skills, especially in timely and accurate responses to emails.
- Strong computer skills, in particular mastery of all applications of the MS Office package and internet search.
- Strong knowledge about the political and socio-economic context related to the Indonesian protected area system, biodiversity conservation and law enforcement at national and subnational levels.
- Excellent command of English and local languages.

**Project Monitoring and Evaluation Officer**

Under the overall supervision and guidance of the Project Manager, the M&E Officer will have the responsibility for project monitoring and evaluation. The M&E Officer will work closely with the Communications Officer on knowledge management aspects of the project. Specific responsibilities will include:

- Monitor project progress and participate in the production of progress reports ensuring that they meet the necessary reporting requirements and standards;
- Ensure project's M&E meets the requirements of the Government, the UNDP Country Office, and UNDP-BPPS/ VF Programme Support, Oversight and Compliance Hub; develop project-specific M&E tools as necessary;
- Oversee and ensure the implementation of the project's M&E plan, including periodic appraisal of the Project's Theory of Change and Results Framework with reference to actual and potential project progress and results;
- Oversee/develop/coordinate the implementation of the stakeholder engagement plan;
- Oversee and guide the design of surveys/ assessments commissioned for monitoring and evaluating project results;
- Facilitate mid-term and terminal evaluations of the project; including management responses;
- Facilitate annual reviews of the project and produce analytical reports from these annual reviews, including learning and other knowledge management products;
- Support project site M&E and learning missions;
- Visit project sites as and when required to appraise project progress on the ground and validate written progress reports.

The Project M&E Officer will be recruited based on the following qualifications

- Masters degree, preferably in the field of environmental or natural resources management;
- At least five years of relevant work experience preferably in a project management setting involving multi-lateral/ international funding agency. Previous experience with UN project will be a definite asset;
- Significant experience in collating, analyzing and writing up results for reporting purposes;
- Very good knowledge of results-based management and project cycle management, particularly with regards to M&E approach and methods. Formal training in RBM/ PCM will be a definite asset;
- Knowledge and working experience of the application of gender mainstreaming in international projects;
- Understanding of biodiversity conservation, law enforcement, sustainable livelihoods and associated issues;
- Very good inter-personal skills;
- Proficiency in computer application and information technology.
- Excellent language skills in English (writing, speaking and reading) and in local languages.

**Project Safeguards and Coordination Officer**

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Under the overall supervision and guidance of the Project Manager, the Environmental and Social Safeguards and Coordination Officer will have the responsibility for the implementation of the project's environmental and social management plan/framework, gender action plan other SES instruments, and overall compliance with the UNDP SES policy and other applicable legal and institutional frameworks (including national law). The Safeguards and Coordination Officer will work closely with the M&E Officer and others on related aspects of project reporting, monitoring, evaluation and communication. Specific responsibilities will include:

- Monitor progress in development/implementation of the project ESMP/ESMF ensuring that UNDPs SES policy is fully met, and the reporting requirements are fulfilled, including those in the project's FAA;
- Manage/develop/coordinate all SES-related plans and their implementation;
- Ensure that social and environmental grievances are managed effectively and transparently through the project's GRM and in line with UNDP SES policy;
- Validate and, as needed, update the project's SESP at appropriate intervals, and update other SES instruments as necessary and in line with the FAA;
- Ensure full disclosure of SES instruments with concerned stakeholders, in line with UNDP SES policy;
- Ensure environmental and social risks are identified, avoided, mitigated and managed throughout project implementation;
- Work with the M&E officer to ensure reporting, monitoring and evaluation encompasses the project's safeguards, including reporting to UNDP as appropriate;

The Project Safeguards Officer will be recruited based on the following qualifications:

- A Bachelor's degree, preferably in the field most relevant to the project's main areas of social/environmental risk;
- At least three years of relevant work experience of safeguards for project or programme implementation, ideally involving international donors.
- Very good inter-personal skills and high level of professional integrity
- Proficiency in computer application and information technology.
- Excellent language skills in English (writing, speaking and reading) and in local languages.

**Project Assistant**

Under the guidance and supervision of the Project Manager, the Project Assistant will have the following specific responsibilities:

- Keep records of project funds and expenditures, and ensure all project-related financial documentation are well maintained and readily available when required by the Project Manager;
- Review project expenditures and ensure that project funds are used in compliance with the Project Document and GoI financial rules and procedures;
- Validate and certify FACE forms before submission to UNDP;
- Provide necessary financial information as and when required for project management decisions;
- Provide necessary financial information during project audit(s);
- Review annual budgets and project expenditure reports, and notify the Project Manager if there are any discrepancies or issues;
- Consolidate financial progress reports submitted by the responsible parties for implementation of project activities;
- Liaise and follow up with the responsible parties for implementation of project activities in matters related to project funds and financial progress reports.

The Project Accountant will be recruited based on the following qualifications:

- A Bachelors degree or an advanced diploma in accounting/ financial management;

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- At least five years of relevant work experience preferably in a project management setting involving multi-lateral/ international funding agency. Previous experience with UNDP or UN project will be a definite asset;
- Proficiency in the use of computer software applications particularly MS Excel;
- Excellent language skills in English (writing, speaking and reading) and in local languages.

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Annex H: UNDP Social and Environmental Screening Procedure (SESP) (to be completed in UNDP Quantum+ and the printout to be attached to the project document)

## Project Information

| *Project Information* | |
|---|---|
| 1. Project Title | Advancing Early Warnings for All (EW4All) - Cambodia |
| 2. Project Number (i.e. Atlas project ID, PIMS+) | 9717 |
| 3. Location (Global/Region/Country) | Cambodia |
| 4. Project stage (Design or Implementation) | Design |
| 5. Date | 10-12-2024 |

## Part A. Integrating Programming Principles to Strengthen Social and Environmental Sustainability

**QUESTION 1: How Does the Project Integrate the Programming Principles in Order to Strengthen Social and Environmental Sustainability?**

***Briefly describe in the space below how the project mainstreams the human rights-based approach***

With global temperatures likely to cross the 1.5 °C threshold before 2030, climate change-related impacts are progressively pushing human and natural systems beyond their ability to adapt, with potentially irreversible impacts. Increases in the frequency and intensity of climate and weather extremes have reduced food and water security, hindering efforts to meet Sustainable Development Goals and has slowed down global agricultural productivity exposing millions of people to acute food insecurity. Cambodia ranks amongst the countries most vulnerable to climate change as a large proportion of its population depends on agriculture for livelihoods and lives in flood-prone areas. Rainfall patterns are changing and are becoming less predictable, leading to more and more severe extreme weather events, such as tropical storms, floods, and droughts. This will significantly impact communities and may further result in economic losses, indebtedness, increased inequality, food insecurity, and loss of life, with agriculture, infrastructure, forestry, and human health, the most affected sectors. The most vulnerable - children, women, people with disabilities, the elderly, and socially marginalized groups, such as migrant communities - will be the most affected.

The goal of EW4All is to ensure every person on Earth is protected by early warning systems within five years. Early warning systems are a critical investment to enhance climate resilience at a national and community level, by providing critical information to guide risk management and make informed long-term decisions that can result in avoided losses. Well-functioning Multi-Hazard Early Warning Systems (MHEWS) allow people, institutions, and businesses to prepare for and respond to multiple hazards, including those occurring simultaneously or cumulatively over time, and their potential interrelated impacts. Output 2 of the project will specifically focus on seven countries, including Cambodia. The Cambodia proposal focuses on the four provinces of Ratanakiri, Kratie, Stung Treng, and Banteay Meanchey. The project will improve knowledge of disaster and risk management in these four provinces, improve forecasting, enhance early warning systems (EWS) and dissemination strategies, develop emergency response plans, and train community members on these, and provide repairs and improved access to essential services like safe spaces and clean water. At a national level, the project will also review Standard Operating Procedures and review monitoring mechanisms. The project interventions address critical barriers that prevent the effective generation, dissemination, and use of early warnings for climate change adaptation, preparedness and response. The project design specifically addresses the importance of ensuring the most vulnerable groups in societies are consulted – including women, people with disabilities, Indigenous peoples and other marginalized groups – to ensure EWS are able to reach them. The project is therefore designed to be inclusive of all groups, reaching citizens regardless of their gender, age, status, ethnicity or location. Furthermore, given that existing policies and laws on early warnings and local level procedures, training materials, etc. rarely reflect the needs of people with special needs, the project will pay special attention to this existing deficiency. Inclusivity will be central to the approaches adopted in the project in its training, awareness-raising activities, consultations, technical assistance and small works. The project will carry out repairs and upgrades (such as installation of ramps, provision of solar panels, installation of latrines) in target communities to improve access to safe spaces, sanitation facilities, and clean drinking water for community members, including women, people with disabilities, children, and youth.

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| ***Briefly describe in the space below how the project is likely to improve gender equality and women's empowerment*** |
|---|
| In order to better understand gender issues in relation to the project a Gender Analysis and Action Plan (GAAP) for Cambodia has been prepared. The GAAP identifies specific gender constraints and needs, as well as identify interventions that can meaningfully improve and enhance women's participation in the project. The project will work to enhance GEDSI analysis in disaster risk assessment and data platforms with disaggregated data for addressing the needs and concerns of diverse groups; to conduct a comprehensive review and action plan of early warning dissemination by addressing inclusivity and digital gender gaps, using multiple communication channels, including cell broadcasting and community-based interventions targeting women, persons with disabilities, and indigenous people. The project will ensure clear and actionable information tailored to different groups, and training and awareness campaigns targeting women, ensuring gender balance, and including youth participation are essential. Preparedness and early action efforts must ensure inclusive evacuation sites, train and equip community members, and build evidence for shock-responsive social protection schemes for the most vulnerable groups, including women and people with disabilities. GEDSI mainstreaming guidelines will be developed, increasing representation of vulnerable groups in preparedness and response activities, and incorporating GEDSI aspects into standard operating procedures and monitoring frameworks with disaggregated data analysis. |
| ***Briefly describe in the space below how the project mainstreams sustainability and resilience*** |
| The project is designed to address existing root causes and barriers to sustainable climate information services, MHEWS and Anticipatory Action. The project is cognizant of the need to ensure sustainability beyond the project's lifespan and has been developed with an exit strategy that ensures the project is sustainable and not reliant on ongoing donor support . This is done through various approaches, including institutional strengthening, community-level capacity strengthening, programmatic alignment, a financial strategy and policy strengthening. Project activities focus on developing a strategy for economic and financial sustainability, including developing an understanding of the potential for private sector involvement in the entire EWS value chain. The project will strengthen the existing institutions and governance rather than creating new parallel structures. Sustainability will be supported by the supporting and strengthening of existing frameworks. State of the art hydromet monitoring equipment and tools for observations, monitoring, modelling and prediction will be integrated in the existing hydrological and meteorological institutions. Institutional capacity will be further strengthened through upgrading relevant IT and communications equipment. Special attention will be given to building capacities for Operation and Maintenance (O&M) of both equipment and data infrastructure. The project will adopt a broad multi-stakeholder approach and bring on board government agencies, multilateral and international agencies and NGOs, private sector actors and communities as users of climate information, early warnings and anticipatory actions as well as front-line agencies in climate adaptation and disaster response. This will form the foundation of a stable and robust MHEWS. Young people are key stakeholders in the project, and investing time and capacity in the new generations will also ensure the sustainability of the project's activities. |
| ***Briefly describe in the space below how the project strengthens accountability to stakeholders*** |
| Continued engagement with stakeholders is a key element of this project. The Cambodia EW4All project has prepared a Stakeholder Engagement Plan (SEP) which identifies relevant stakeholders and ways to engage them during the preparation and implementation of the project. Special attention is paid to vulnerable and marginalized groups, including Indigenous groups. The country-specific SEP provides a thorough analysis of local stakeholders, consultations and engagement conducted in preparation of the project proposal and the measures the project will utilize to continue to engage stakeholders at the national, regional, and local levels throughout implementation, including vulnerable groups. As a significant focus in on delivering EWs, stakeholder engagement will be crucial to ensure that the project is listening to the views of beneficiaries and the challenges they face in receiving EWs and how to overcome this. A country-specific Grievance Redress Mechanism (GRM) is detailed in the SEP, including special measures for cases of Sexual Exploitation Abuse and Harassment (SEAH). The country-level GRM takes into account capacity on the ground and makes use of local systems and project staff that will be supporting in the country, with support from project staff at the global level. The global GRM described in the ESMF is also available as are UNDP's Accountability Mechanism (SRM/SECU) and GCF's Independent Redress Mechanism (IRM). |

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## Part B. Identifying and Managing Social and Environmental Risks

| **QUESTION 2: What are the Potential Social and Environmental Risks?** *Note: Complete SESP Attachment 1 before responding to Question 2.* | **QUESTION 3: What is the level of significance of the potential social and environmental risks?** *Note: Respond to Questions 4 and 5below before proceeding to Question 5* | | | **QUESTION 6: Describe the assessment and management measures for each risk rated Moderate, Substantial or High** |
|---|---|---|---|---|
| ***Risk Description (broken down by event, cause, impact)*** | ***Impact and Likelihood (1-5)*** | ***Significance (Low, Moderate Substantial, High)*** | ***Comments (optional)*** | ***Description of assessment and management measures for risks rated as Moderate, Substantial or High*** |
| Risk 1: The project fails to consider the needs of all communities, including marginalized groups and people with disabilities due to inadequate stakeholder engagement, insufficient data collection on vulnerable and marginalized groups, poor representation of these groups in decision-making, or lack of inclusive design in project planning, thereby excluding these groups from project benefits and potentially exacerbating inequalities, reducing the overall impact of the project or resulting in the generation of grievances.<br><br>Principle 4 | I = 2<br>L = 2 | Low | Some groups could be excluded in the consultation process, affecting access to and use of early warning systems. Consideration of differential impact of disasters on marginalized groups and their limited access to information and resources, especially during emergencies, needs to be incorporated into project design. | To be effective, MHEWS must be appropriate to the needs of all members of a community. The project is being sensitively designed to ensure the needs of marginalized and vulnerable groups are well considered and integrated. A Stakeholder Engagement Plan (SEP) has been developed which details and analyses specific country stakeholders and takes into account the needs of vulnerable groups, including Indigenous Peoples, and the findings from the Gender Analysis and Action Plan (GAAP) for Cambodia. SES staff have supported project design and will be hired during project implementation to be part of the Cambodia PMU. The Grievance Redress Mechanism (GRM) is detailed in the SEP and the global GRM described in the ESMF is also available as are UNDP's Accountability Mechanism (SRM/SECU) and GCF's Independent Grievance Mechanism (IRM). |
| Risk 2: The project does not consider specific gender vulnerabilities, due to inadequate stakeholder engagement, insufficient gender-disaggregated data collection, poor representation of these groups in decision-making, or lack of inclusive design in project planning, leading to a lack of understanding of how early warnings and disasters are experienced by different groups, and a lack of gender equity in the project's activities.<br><br>Principle 2 | I = 2<br>L = 2 | Low | Women can be at greater risk of disasters through a lack of timely and relevant information and due to existing gender norms and responsibilities. It is important that gender aspects are understood and that specific measures be put in place to ensure the project can promote gender equality and empowerment. | The project is cognizant that women frequently bear the brunt of disasters, and that early-warning systems should address the full range of hazards faced by communities, including women. For this, country-specific gender analysis is essential. The project has developed a Gender Analysis and Action Plan (GAAP) for Cambodia outlining gender norms, legislation, barriers and opportunities, including with a specific focus on early warnings and disasters. An action plan with detailed gender targets, based on the gender analysis and the specific country activities, also forms part of the GAAP. Consultations during project design have included a specific focus on gender and ensuring that women's groups are consulted to better understand challenges and opportunities. Gender staff have supported project design and will be hired during project implementation to be part of the Cambodia PMU. The Grievance Redress Mechanism (GRM) is detailed in the SEP and includes considerations for SEAH complaints. The global GRM described in the ESMF is also |

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| | | | | available as are UNDP's Accountability Mechanism (SRM/SECU). |
| Risk 3: The project project fails to consider the needs of Indigenous peoples, due to inadequate stakeholder engagement, insufficient data collection, existing disparities and/or discrimination towards these groups, poor representation of these groups in decision-making, or lack of inclusive design in project planning, thereby excluding these groups from project benefits and potentially exacerbating inequalities, reducing the overall impact of the project or resulting in the generation of grievances.<br><br>Principle 4<br>Standard 6 | I = 2<br>L = 2 | Low | There are Indigenous peoples in the four provinces, in particular in Kratie, Stung Teng, and Ratanakiri. The voices of women, youth, the poorest, and people with a disability are also essential to consider. | The project is being sensitively designed to ensure the needs of vulnerable groups are well-considered and integrated and can thereby benefit from the project's activities, including trainings, capacity building and information dissemination. Given the risk of the activities, rather than a stand-alone Indigenous Peoples Plan (IPP), considerations for consulting and engaging with IPs have been included in the project's SEP as this is considered a more holistic way to ensure IP considerations are well integrated into the project. SES staff are involved during project preparation and will be part of the Project Management Unit (PMU) during implementation. |
| Risk 4: The project will support small works – focused on repairs and upgrades to safe spaces, including provision of latrines, hand rails, ramps, solar panels and other small improvements to existing facilities, and drilling of 25 small wells for the purpose of water monitoring (no extraction), which may lead to environmental impacts such as dust, noise, or improper waste management.<br><br>Standard 8 | I = 2<br>L = 2 | Low | | These site-specific risks will be able to be managed with straightforward mitigation measures. The project Environment and Social Management Framework (ESMF) has been developed and includes an Environment and Social Codes of Practice (ESCOP) to guide the repairs and upgrades of facilities and drilling water-monitoring boreholes, taking into account waste management, noise, and dust pollution. The ESMF also includes clear criteria for the location of small works to ensure these are sighted on government-owned land free of disputes with no land-related impacts. |
| Risk 5: Consultants and/or other workers may be in contact with communities, including women and children, during the course of project activities, such as small works and consultations, which may lead to low risks of Gender Based Violence/Sexual Harassment.<br><br>Principle 2<br>Standard 3 | I = 2<br>L = 2 | Low | | Codes of Conduct will be put in place for all project workers including national and international consultants, as well as those working on construction. This is included in the Environment and Social Management Framework (ESMF). Training on Codes of Conduct and SEAH will also be provided to local authorities managing safe spaces and the local community. The project-level GRM includes SEAH/GBV considerations as do the country-level GRMs described in the SEPs. If safe spaces are supported they will also implement Codes of Conduct.<br><br>UNDP adheres to the Secretary-General Bulletin on sexual exploitation and abuse applicable to all UN staff including those working for UNDP and other separately administered organs and programs of the United Nations. Information on sexual exploitation and abuse is also included in the UNDP Code of Ethics. Standards of conduct related to sexual harassment are covered by the Policy on harassment, sexual harassment, |

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| | | | | discrimination, and abuse of authority. |
| Risk 6: Lack of Occupational Health and Safety (OHS) measures during small works, installation and maintenance could lead to injuries to workers or community members. including in the unlikely event of Unexploded Ordnance (UXO).<br><br>Standard 3<br>Standard 7 | I = 2<br>L = 2 | Low | Cambodia has a presence of Unexploded Ordnance (UXO) due to the remnants of civil war. However, the minor project works will be sited in existing areas so it is highly unlikely that there would be any UXO impacts. Nevertheless, in case the project had works in areas not already cleared, the presence of UXOs would be screened for as per local government regulations, or the area avoided. | The ESMF and ESCOP include guidance on how to assess and manage OHS risks during construction and maintenance, including in the event of natural disasters. The ESMF includes a pre-works checklist to screen for UXO risk and guidance to be followed in the event UXOs were found in the area where monitoring equipment was going to be installed. |
| Risk 7: Use of child or forced labor in small works could harm children or workers and be contrary to the country's labor laws.<br><br>Standard 7 | I = 2<br>L = 1 | Low | | The ESMF and ESCOP include clear guidance and prohibition on the use of child or forced labor for any of the project's activities. |
| Risk 8: Project activities related to the collection, archiving, processing, management, and delivery of data may include the handling of personal information, leading to data privacy risks.<br><br>Principle 1 | I = 2<br>L = 1 | Low | | Through its design and implementation, the project will take measures to ensure data is protected and used within the boundaries of the project. Best practices on data privacy will be implemented across the project's activities. |
| Risk 9: Duty-bearers do not have the capacity to meet their obligations in the Project, leading to safeguards measures not being properly implemented.<br><br>Principle 1 | I= 3<br>L= 1 | Low | | This risk has been addressed in the project design through the provision of technical assistance and coordination activities in all outputs. Technical support from partner agencies will be provided, including hands-on support and training, to ensure they can improve their capacities and make the best use of EWS. Cambodia has substantial experience in the implementation of donor safeguards. Dedicated SES and gender staff are being hired which will further help to ensure that the project's safeguards requirements are well implemented. |
| Risk 10: Small works may need land, which could lead to the involuntary acquisition of land and negative impacts for affected people.<br><br>Standard 5 | I = 2<br>L = 1 | Low | Most of the project works are unlikely to need land as they will be sited/installed in existing areas. | There will be no involuntary land acquisition in the project. All works will be conducted in public land that is free of encumbrances. The ESMF includes guidance on how to sight this hardware so that it is done in locations that are considered public land without encumbrances and there are no affected people (regardless of their land rights). The ESMF also includes clear ineligibility criteria that would exclude from project support any location that would impact people's land use (regardless of land rights) and steps to screen for, and verify this, during project implementation by the project's SES staff. E&S screening form and detailed guidance is included in the ESMF. |
| Risk 11: Site-specific risks of UXOs being present at locations where small works are conducted. | I = 2<br>L = 1 | Low | Cambodia still has a considerable level of UXOs, in particular in Banteay Meanchey province. However there is also significant | The ESMF includes a pre-works checklist to screen for UXO risk, with a preference to select locations free of risk. Guidance to be followed in the event UXOs are found is also |

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|---|---|---|---|---|
| | | | awareness on UXOs issues and which areas have not been cleared. Moreover, most (if not all) project works will be undertaken in existing areas. | included, which will essentially necessitate clearance from UNDP and GCF and appropriate clearance conducted. |

| | | | |
|---|---|---|---|
| | **QUESTION 4: What is the overall project risk categorization?** | | |
| | ***Low Risk*** | X | |
| | ***Moderate Risk*** | ☐ | |
| | ***Substantial Risk*** | ☐ | |
| | ***High Risk*** | ☐ | |

| | | | | |
|---|---|---|---|---|
| | **QUESTION 5: Based on the identified risks and risk categorization, what requirements of the SES are triggered? (check all that apply)** | | | |
| | Question only required for Moderate, Substantial and High Risk projects | | | |
| | ***Is assessment required? (check if "yes")*** | | | |
| | *if yes, indicate overall type and status* | | | Targeted assessment(s) |
| | | | ☐ | ESIA (Environmental and Social Impact Assessment) |
| | | | ☐ | SESA (Strategic Environmental and Social Assessment) |
| | ***Are management plans required? (check if "yes)*** | | | |
| | *If yes, indicate overall type* | | | Targeted management plans (e.g. Gender Action Plan, Emergency Response Plan, Waste Management Plan, others) |

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| | | | | | |
|---|---|---|---|---|---|
| | | | | ESMP (Environmental and Social Management Plan which may include range of targeted plans) | |
| | | | | ESMF (Environmental and Social Management Framework) | |
| | ***Based on identified <u>risks</u>, which Principles/Project-level Standards triggered?*** | | **Comments (not required)** | | |
| | ***Overarching Principle: Leave No One Behind*** | | | | |
| | ***Human Rights*** | | | | |
| | ***Gender Equality and Women's Empowerment*** | | | | |
| | ***Accountability*** | | | | |
| | ***1. Biodiversity Conservation and Sustainable Natural Resource Management*** | | | | |
| | ***2. Climate Change and Disaster Risks*** | | | | |
| | ***3. Community Health, Safety and Security*** | | | | |
| | ***4. Cultural Heritage*** | | | | |
| | ***5. Displacement and Resettlement*** | | | | |
| | ***6. Indigenous Peoples*** | | | | |
| | ***7. Labour and Working Conditions*** | | | | |
| | ***8. Pollution Prevention and Resource Efficiency*** | | | | |

## Final Sign Off

*Final Screening at the design-stage is not complete until the following signatures are included*

| ***Signature*** | ***Date*** | ***Description*** |
|---|---|---|
| QA Assessor DocuSigned by: A55802938F9B400... | 26-May-2026 | UNDP staff member responsible for the project, typically a UNDP Programme Officer. Final signature confirms they have "checked" to ensure that the SESP is adequately conducted. |
| QA Approver Signed by: 5A24B93ED0C94E4... | 26-May-2026 | UNDP senior manager, typically the UNDP Deputy Country Director (DCD), Country Director (CD), Deputy Resident Representative (DRR), or Resident Representative (RR). The QA Approver cannot also be the QA Assessor. Final signature confirms they have "cleared" the SESP prior to submittal to the PAC. |
| PAC Chair Signed by: 5A24B93ED0C94E4... | 26-May-2026 | UNDP chair of the PAC. In some cases PAC Chair may also be the QA Approver. Final signature confirms that the SESP was considered as part of the project appraisal and considered in recommendations of the PAC. |

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# SESP Attachment 1. Social and Environmental Risk Screening Checklist

| Checklist Potential Social and Environmental Risks | | |
|---|---|---|
| INSTRUCTIONS: The risk screening checklist will assist in answering Questions 2-6 of the Screening Template. Answers to the checklist questions help to (1) identify potential risks, (2) determine the overall risk categorization of the project, and (3) determine required level of assessment and management measures. Refer to the SES toolkit for further guidance on addressing screening questions. | | |
| **Overarching Principle: Leave No One Behind**<br>**Human Rights** | | **Answer (Yes/No)** |
| P.1 | Have local communities or individuals raised human rights concerns regarding the project (e.g. during the stakeholder engagement process, grievance processes, public statements)? | **No** |
| P.2 | Is there a risk that duty-bearers (e.g. government agencies) do not have the capacity to meet their obligations in the project? | **Yes** |
| P.3 | Is there a risk that rights-holders (e.g. project-affected persons) do not have the capacity to claim their rights? | **No** |
| *Would the project potentially involve or lead to:* | | |
| P.4 | adverse impacts on enjoyment of the human rights (civil, political, economic, social or cultural) of the affected population and particularly of marginalized groups? | **Yes** |
| P.5 | inequitable or discriminatory impacts on affected populations, particularly people living in poverty or marginalized or excluded individuals or groups, including persons with disabilities? [16] | **No** |
| P.6 | restrictions in availability, quality of and/or access to resources or basic services, in particular to marginalized individuals or groups, including persons with disabilities? | **No** |
| P.7 | exacerbation of conflicts among and/or the risk of violence to project-affected communities and individuals? | **No** |
| **Gender Equality and Women's Empowerment** | | |
| P.8 | Have women's groups/leaders raised gender equality concerns regarding the project, (e.g. during the stakeholder engagement process, grievance processes, public statements)? | **No** |
| *Would the project potentially involve or lead to:* | | |
| P.9 | adverse impacts on gender equality and/or the situation of women and girls? | **No** |
| P.10 | reproducing discriminations against women based on gender, especially regarding participation in design and implementation or access to opportunities and benefits? | **Yes** |
| P.11 | limitations on women's ability to use, develop and protect natural resources, taking into account different roles and positions of women and men in accessing environmental goods and services?<br>*For example, activities that could lead to natural resources degradation or depletion in communities who depend on these resources for their livelihoods and well being* | **No** |
| P.12 | exacerbation of risks of gender-based violence?<br>*For example, through the influx of workers to a community, changes in community and household power dynamics, increased exposure to unsafe public places and/or transport, etc*. | **Yes** |

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[16] Prohibited grounds of discrimination include race, ethnicity, sex, age, language, disability, sexual orientation, gender identity, religion, political or other opinion, national or social or geographical origin, property, birth or other status including as an indigenous person or as a member of a minority. References to "women and men" or similar is understood to include women and men, boys and girls, and other groups discriminated against based on their gender identities, such as transgender and transsexual people.

| | | |
|---|---|---|
| **Sustainability and Resilience:** Screening questions regarding risks associated with sustainability and resilience are encompassed by the Standard-specific questions below | | |
| **Accountability** | | |
| *Would the project potentially involve or lead to:* | | |
| P.13 | exclusion of any potentially affected stakeholders, in particular marginalized groups and excluded individuals (including persons with disabilities), from fully participating in decisions that may affect them? | **Yes** |
| P.14 | grievances or objections from potentially affected stakeholders? | **Yes** |
| P.15 | risks of retaliation or reprisals against stakeholders who express concerns or grievances, or who seek to participate in or to obtain information on the project? | **No** |
| **Project-Level Standards** | | |
| **Standard 1: Biodiversity Conservation and Sustainable Natural Resource Management** | | |
| *Would the project potentially involve or lead to:* | | |
| 1.1 | adverse impacts to habitats (e.g. modified, natural, and critical habitats) and/or ecosystems and ecosystem services?<br>*For example, through habitat loss, conversion or degradation, fragmentation, hydrological changes* | **No** |
| 1.2 | activities within or adjacent to critical habitats and/or environmentally sensitive areas, including (but not limited to) legally protected areas (e.g. nature reserve, national park), areas proposed for protection, or recognized as such by authoritative sources and/or indigenous peoples or local communities? | **No** |
| 1.3 | changes to the use of lands and resources that may have adverse impacts on habitats, ecosystems, and/or livelihoods? (Note: if restrictions and/or limitations of access to lands would apply, refer to Standard 5) | **No** |
| 1.4 | risks to endangered species (e.g. reduction, encroachment on habitat)? | **No** |
| 1.5 | exacerbation of illegal wildlife trade? | **No** |
| 1.6 | introduction of invasive alien species? | **No** |
| 1.7 | adverse impacts on soils? | **No** |
| 1.8 | harvesting of natural forests, plantation development, or reforestation? | **No** |
| 1.9 | significant agricultural production? | **No** |
| 1.10 | animal husbandry or harvesting of fish populations or other aquatic species? | **No** |
| 1.11 | significant extraction, diversion or containment of surface or ground water?<br>*For example, construction of dams, reservoirs, river basin developments, groundwater extraction* | **No** |
| 1.12 | handling or utilization of genetically modified organisms/living modified organisms?[17] | **No** |
| 1.13 | utilization of genetic resources? (e.g. collection and/or harvesting, commercial development)[18] | **No** |
| 1.14 | adverse transboundary or global environmental concerns? | **No** |
| **Standard 2: Climate Change and Disaster Risks** | | |
| *Would the project potentially involve or lead to:* | | |

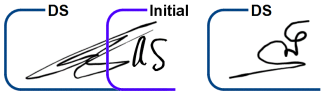
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[17] See the Convention on Biological Diversity and its Cartagena Protocol on Biosafety.

[18] See the Convention on Biological Diversity and its Nagoya Protocol on access and benefit sharing from use of genetic resources.

| | | |
|---|---|---|
| 2.1 | areas subject to hazards such as earthquakes, floods, landslides, severe winds, storm surges, tsunami or volcanic eruptions? | **No** |
| 2.2 | outputs and outcomes sensitive or vulnerable to potential impacts of climate change or disasters?<br>*For example, through increased precipitation, drought, temperature, salinity, extreme events, earthquakes* | **No** |
| 2.3 | increases in vulnerability to climate change impacts or disaster risks now or in the future (also known as maladaptive or negative coping practices)?<br>*For example, changes to land use planning may encourage further development of floodplains, potentially increasing the population's vulnerability to climate change, specifically flooding* | **No** |
| 2.4 | increases of greenhouse gas emissions, black carbon emissions or other drivers of climate change? | **No** |
| **Standard 3: Community Health, Safety and Security** | | |
| *Would the project potentially involve or lead to:* | | |
| 3.1 | construction and/or infrastructure development (e.g. roads, buildings, dams)? (Note: the GEF does not finance projects that would involve the construction or rehabilitation of large or complex dams) | **Yes** |
| 3.2 | air pollution, noise, vibration, traffic, injuries, physical hazards, poor surface water quality due to runoff, erosion, sanitation? | **Yes** |
| 3.3 | harm or losses due to failure of structural elements of the project (e.g. collapse of buildings or infrastructure)? | **Yes** |
| 3.4 | risks of water-borne or other vector-borne diseases (e.g. temporary breeding habitats), communicable and noncommunicable diseases, nutritional disorders, mental health? | **No** |
| 3.5 | transport, storage, and use and/or disposal of hazardous or dangerous materials (e.g. explosives, fuel and other chemicals during construction and operation)? | **No** |
| 3.6 | adverse impacts on ecosystems and ecosystem services relevant to communities' health (e.g. food, surface water purification, natural buffers from flooding)? | **No** |
| 3.7 | influx of project workers to project areas? | **Yes** |
| 3.8 | engagement of security personnel to protect facilities and property or to support project activities? | **No** |
| **Standard 4: Cultural Heritage** | | |
| *Would the project potentially involve or lead to:* | | |
| 4.1 | activities adjacent to or within a Cultural Heritage site? | **No** |
| 4.2 | significant excavations, demolitions, movement of earth, flooding or other environmental changes? | **No** |
| 4.3 | adverse impacts to sites, structures, or objects with historical, cultural, artistic, traditional or religious values or intangible forms of culture (e.g. knowledge, innovations, practices)? (Note: projects intended to protect and conserve Cultural Heritage may also have inadvertent adverse impacts) | **No** |
| 4.4 | alterations to landscapes and natural features with cultural significance? | **No** |
| 4.5 | utilization of tangible and/or intangible forms (e.g. practices, traditional knowledge) of Cultural Heritage for commercial or other purposes? | **No** |



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| | | |
|---|---|---|
| **Standard 5: Displacement and Resettlement** | | |
| *Would the project potentially involve or lead to:* | | |
| 5.1 | temporary or permanent and full or partial physical displacement (including people without legally recognizable claims to land)? | **No** |
| 5.2 | economic displacement (e.g. loss of assets or access to resources due to land acquisition or access restrictions – even in the absence of physical relocation)? | **No** |
| 5.3 | risk of forced evictions?[19] | **No** |
| 5.4 | impacts on or changes to land tenure arrangements and/or community based property rights/customary rights to land, territories and/or resources? | **No** |
| **Standard 6: Indigenous Peoples** | | |
| *Would the project potentially involve or lead to:* | | |
| 6.1 | areas where indigenous peoples are present (including project area of influence)? | **Yes** |
| 6.2 | activities located on lands and territories claimed by indigenous peoples? | **No** |
| 6.3 | impacts (positive or negative) to the human rights, lands, natural resources, territories, and traditional livelihoods of indigenous peoples (regardless of whether indigenous peoples possess the legal titles to such areas, whether the project is located within or outside of the lands and territories inhabited by the affected peoples, or whether the indigenous peoples are recognized as indigenous peoples by the country in question)?<br>*If the answer to screening question 6.3 is "yes", then Standard 6 requirements apply, and the potential significance of risks related to impacts on indigenous peoples must be Moderate or above.* * | **No** |
| 6.4 | the absence of culturally appropriate consultations carried out with the objective of achieving FPIC on matters that may affect the rights and interests, lands, resources, territories and traditional livelihoods of the indigenous peoples concerned? | **No** |
| 6.5 | the utilization and/or commercial development of natural resources on lands and territories claimed by indigenous peoples? | **No** |
| 6.6 | forced eviction or the whole or partial physical or economic displacement of indigenous peoples, including through access restrictions to lands, territories, and resources?<br>*Consider, and where appropriate ensure, consistency with the answers under Standard 5 above* | **No** |
| 6.7 | adverse impacts on the development priorities of indigenous peoples as defined by them? | **No** |
| 6.8 | risks to the physical and cultural survival of indigenous peoples? | **No** |
| 6.9 | impacts on the Cultural Heritage of indigenous peoples, including through the commercialization or use of their traditional knowledge and practices?<br>*Consider, and where appropriate ensure, consistency with the answers under Standard 4 above.* | **No** |
| **Standard 7: Labour and Working Conditions** | | |
| *Would the project potentially involve or lead to: (note: applies to project and contractor workers)* | | |
| 7.1 | working conditions that do not meet national labour laws and international commitments? | **No** |
| 7.2 | working conditions that may deny freedom of association and collective bargaining? | **No** |
| 7.3 | use of child labour? | **Yes** |

* Note: revised July 2022 modifying presumption of risk significance from Substantial or higher to Moderate or higher.

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| | | |
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| 7.4 | use of forced labour? | **No** |
| 7.5 | discriminatory working conditions and/or lack of equal opportunity? | **No** |
| 7.6 | occupational health and safety risks due to physical, chemical, biological and psychosocial hazards (including violence and harassment) throughout the project life-cycle? | **Yes** |

[19] Forced eviction is defined here as the permanent or temporary removal against their will of individuals, families or communities from the homes and/or land which they occupy, without the provision of, and access to, appropriate forms of legal or other protection. Forced evictions constitute gross violations of a range of internationally recognized human rights.

| **Standard 8: Pollution Prevention and Resource Efficiency** | | |
|---|---|---|
| *Would the project potentially involve or lead to:* | | |
| 8.1 | the release of pollutants to the environment due to routine or non-routine circumstances with the potential for adverse local, regional, and/or transboundary impacts? | **Yes** |
| 8.2 | the generation of waste (both hazardous and non-hazardous)? | **Yes** |
| 8.3 | the manufacture, trade, release, and/or use of hazardous materials and/or chemicals? | **No** |
| 8.4 | the use of chemicals or materials subject to international bans or phase-outs?<br>*For example, DDT, PCBs and other chemicals listed in international conventions such as the Montreal Protocol, Minamata Convention, Basel Convention, Rotterdam Convention, Stockholm Convention* | **No** |
| 8.5 | the application of pesticides that may have a negative effect on the environment or human health? | **No** |
| 8.6 | significant consumption of raw materials, energy, and/or water? | **No** |

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## Annex I: Environmental and Social Management Plan or Framework (ESMP or ESMF) as relevant

Not Applicable – see SESP above.

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# Annex J: Stakeholder Engagement Plan

**1. Overview and Objectives**

The Stakeholder Engagement Plan (SEP) serves as a roadmap for engaging stakeholders effectively in Cambodia's Early Warning for All (EW4All) project, promoting open dialogue and ensuring that stakeholder inputs positively shape the project's direction and outcomes. The SEP seeks to ensure that project communities and stakeholders are informed and involved throughout all stages of project preparation and implementation, with particular emphasis on the principle of "leave no one behind."

The plan establishes mechanisms for stakeholders to raise concerns, provide feedback, or lodge complaints about project activities, while ensuring meaningful, effective, and informed participation that is free from external manipulation, inclusive of gender and age, and culturally appropriate.

**2. Key Stakeholders and Their Interests**

**Government Stakeholders:** National Committee for Disaster Management (NCDM), Ministry of Water Resources and Meteorology (MoWRAM), Ministry of Environment, Ministry of Post and Telecommunications (MPTC), Provincial and District Committees for Disaster Management (PCDM/DCDM), and relevant line ministries.

**Non-Government Stakeholders:** UN agencies, international and national NGOs, development partners, private sector entities, civil society organisations, and community-based organisations.

**Vulnerable Groups with Special Attention:**

- **Indigenous Peoples:** Present in all four target provinces (Kratie, Banteay Meanchey, Ratanakiri, and Stung Treng), requiring culturally appropriate engagement methods and consideration of traditional knowledge systems.
- **Persons with Disabilities:** Requiring accessible communication formats and inclusive design in early warning dissemination.
- **Women and Youth:** Essential voices for community resilience building and early warning effectiveness.
- **Elderly and Poor Communities:** Particularly vulnerable to climate hazards and requiring targeted support.

**3. Engagement Methods and Activities**

During project preparation, stakeholder mapping and consultations were conducted in October 2023 and April-May 2024, utilising Focus Group Discussions (FGDs), Key Informant Interviews (KIIs), and participatory approaches. Gender-sensitive methodologies ensured separate consultations with men and women.

**During Project Implementation:**

- **Project Inception Workshop:** National-level workshop with NCDM, MoWRAM, MoE, MPTC, implementing partners, and relevant stakeholders to establish a common understanding of project goals and responsibilities.
- **Ongoing Consultations:** Regular workshops, meetings, and information campaigns utilising multiple channels, including mobile phones and social media (given 70%+ mobile phone ownership).
- **Information Dissemination:** Project information disclosed in appropriate formats for different stakeholders in both English and Khmer, with special provisions for Indigenous Peoples and persons with disabilities.
- **Community-Level Engagement:** Targeted activities in the four target provinces focusing on vulnerability assessments and capacity building.

**Special Considerations for Vulnerable Groups:**

- Disability-inclusive risk data collection and accessible communication formats
- Culturally appropriate engagement methods for Indigenous Peoples
- Gender-disaggregated consultation processes
- Community-based early warning systems development

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**4. Roles and Responsibilities**

**National Project Management SpecialistProject Management Specialist (NPM):** Overall responsibility for day-to-day SEP implementation, compliance with environmental and social measures, and reporting to the National Project Board.

**National Safeguards, Gender and Inclusion (NSGI) Expert:** Oversees stakeholder engagement activities, manages consultations and disclosure processes, and handles grievance redress mechanisms.

**Implementing Partners:** Execute stakeholder engagement activities as described in the SEP.

**Contractors:** Implement stakeholder engagement activities as specified in their contracts.

**Project Board:** Provides final oversight and strategic guidance for stakeholder engagement.

**5. Implementation Timeline**

- **Inception Phase:** Project inception workshop at the beginning of implementation
- **Preparation Phase:** Ongoing stakeholder consultations during project design (completed October 2023 - May 2024)
- **Implementation Phase:** Continuous engagement throughout the project cycle with regular workshops, consultations, and monitoring activities
- **Monitoring and Reporting:** Annual reporting on SEP implementation to the Global PMU after Project Board approval

**6. Budget Allocation**

Stakeholder engagement costs are integrated within the overall project budget across different components. Specific allocations include:

- Resources for consultation workshops and meetings
- Communication materials and translation services
- Capacity building for vulnerable groups
- Accessible format development for persons with disabilities
- Travel and logistics for field consultations
- Grievance mechanism operation and management

**7. Monitoring Framework and Key Indicators**

**Key Performance Indicators:**

- Number and diversity of stakeholders participating in consultations
- Percentage of women, Indigenous Peoples, and persons with disabilities in engagement activities
- Frequency and quality of stakeholder feedback integration
- Number of grievances received and resolved through the Grievance Redress Mechanism (GRM)
- Accessibility compliance of communication materials
- Stakeholder satisfaction surveys and feedback analysis

**Monitoring Responsibilities:**

- NPM provides regular reports to the National Project Board
- NSGI prepares quarterly reports on SEP and GRM implementation
- Annual SEP implementation reports submitted to Global PMU
- Integration with the overall project monitoring and evaluation framework

**8. Grievance Redress Mechanism**

A multi-tiered grievance system provides accessible channels for stakeholders to raise concerns:

**Project-Level GRM:** Managed by PMU with multiple entry points (face-to-face, written, telephone, email), ensuring accessibility for vulnerable groups, including Indigenous Peoples, women, and persons with disabilities.

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**UNDP Stakeholder Response Mechanism (SRM):** Available when project-level processes have not successfully resolved concerns.

**Green Climate Fund Independent Redress Mechanism:** Final recourse for complaints related to GCF-funded activities.

The GRM ensures confidentiality, cultural sensitivity, and timely responses whilst building trust and transparency in project implementation.

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Table 1: Stakeholder Engagement Plan

| Stakeholder Engagement Activity | Target Stakeholders | Why Included (Interest, Impact, Influence) | Stakeholder role and responsibility | Methods | Topic of Consultations | Implementation Timeline (Phase & Frequency) | Responsible Entity | Budget (USD) |
|---|---|---|---|---|---|---|---|---|
| **One Project Inception workshop at the national level to kick start the project implementation** | NCDM, MoWRAM, MPTC, implementing partners, relevant stakeholders, including UN agencies, I/NGOs and PCDM in the project target areas. | NCDM and MOWRAM, MPTC and MEF are decision and coordination authorities, technical oversight and data holder.<br><br>UN Agencies, I/NGO are the responsible parties, funder, implementer.<br><br>PCDM in the project target area, are the subnational implementer and front line responsible. | NCDM and MOWRAM will be involved in the project implementation, as government partner. So, they will help in the inception coordination and facilitation,<br>provide feedback, unpack the workplan for future project implementation at the target province.<br><br>MPTC: has a crucial role in EWS connection, dissemination, and ICT related system.<br><br>Implementing partners and UN-agencies share the project information, align the work priorities avoiding an overlapping of activity implementation/intervention. | In person and virtual Workshop | • The objectives of a project inception report typically include defining the project scope, goals, resources needed, timelines, and stakeholders involved.<br><br>• The workshop established a common understanding among project team members and stakeholders regarding the project's goal, expected outcomes, potential risks, and mitigation strategies. Additionally, it set the direction for the project implementation phase by outlining each agency's initial steps, | One event, in the beginning of the project implementation | UNDP and implementing partners | 10,544 (Act. 1.2.2.2) |

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| Stakeholder Engagement Activity | Target Stakeholders | Why Included (Interest, Impact, Influence) | Stakeholder role and responsibility | Methods | Topic of Consultations | Implementation Timeline (Phase & Frequency) | Responsible Entity | Budget (USD) |
|---|---|---|---|---|---|---|---|---|
| | | | PCDM as a technical secretariate of NCDM, PCDM has roles to coordinate all disaster management activities) with other sector departments, including CRC, at the provincial level. | | deliverables, and responsibilities. Ultimately, the project inception report aimed to lay a solid foundation for successful project planning and execution. | | | |
| **Five consultative meetings to gather Information for Project Design** | All Key Stakeholders and some interested stakeholders with specific information about the project area of focus | To ensure the project design is inclusive way and well align with the need, well inform "leave no one behind" principle. | Provide specific local and sector information.<br><br>Validate the needs and constraint, priorities related to EWS.<br><br>Validate the risk and assumption for the project design. | Workshops, meetings | ● Understanding the needs and constraints of stakeholders when it comes to EWS, in particular, vulnerable and marginalised groups<br>● Taking these into account in the project proposal to ensure the project is inclusive and leaves no one behind | Several times, during the preparation of the project proposal | UNDP and implementing partners | USD 5,000 |
| **4 Project launching event at the province and commune levels** | PCDMs, DCDMs, CCDMs, village leaders, and community people, | PCDM, DCDMs, CCDMs, village leaders are the key implementation actors at the sub-national level and community level, | PCDM, DCDMs, CCDMs, village leaders to be inform and involved in the project intervention at | Workshop/ meetings | ● To ensure the inclusion of critical relevant stakeholders in the project | In the beginning of the project implementation | UNDP and implementing partners | USD 20,000 |

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| Stakeholder Engagement Activity | Target Stakeholders | Why Included (Interest, Impact, Influence) | Stakeholder role and responsibility | Methods | Topic of Consultations | Implementation Timeline (Phase & Frequency) | Responsible Entity | Budget (USD) |
|---|---|---|---|---|---|---|---|---|
| | including men, women, people with disability, the elderly, youth and IP groups. | ensure the project reached who are at risk and benefit of the project.<br><br>Community people including men, women, PWD, elderly, youth and IP group are the key beneficiaries from the project. | the field or target province.<br><br>Ensuring the project coordination during the project implementation at the sub-national level.<br><br>Ensuring the project intervention alignment with the provincial, district, and commune authorities and existing planning. | | implementation. | | | |
| **2 EW4ALL Awareness Campaigns per year in 4 target provinces** | CCDMs, Village leaders, community people, OPDs, and any other key target group identified | CCDMs, village leader is key actor influential for EWS communication and information dissemination in the community, provide the awareness raising and preparedness and early response to the community people during the warning situation.<br><br>Community people including PWD, and other key target group | CCDMs, village leader support coordination, last mile inclusive reached, and integrate EWS action into local preparedness activities and plan. CCDM will be one of the target stakeholders for implementing pillars 1, 3, and 4 at the commune level.<br><br>Community people receive the message, act accordingly, | Campaign through speakerphones, SMS, brochures, TV, radio, meetings, etc., with translation and accessibility needs taken into account | • To increase awareness about the EWS among community people in the project target communes. | Two campaigns per year in the project target communes | UNDP and implementing partners | 691,000 |

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| Stakeholder Engagement Activity | Target Stakeholders | Why Included (Interest, Impact, Influence) | Stakeholder role and responsibility | Methods | Topic of Consultations | Implementation Timeline (Phase & Frequency) | Responsible Entity | Budget (USD) |
|---|---|---|---|---|---|---|---|---|
| | | are Direct beneficiaries and end-users of Early Warning Systems (EWS) | provide feedback on accessibility and effectiveness to inform future EWS improvement. | | | | | |
| **Promote Early Warning champions community members, including women, people with disability, the elderly, youth, and IP groups, at least 1 personal / household decision based on the information from newly enhanced Early Warning Systems supported by the project.** | Cambodia Red Cross Volunteers (CRC), women, people with disability, OPDs, persons with disabilities working in Cambodian public sector, youth, and IP groups. | CRC Volunteers are strong community capacity outreach.<br><br>OPDs, persons with disabilities working in Cambodian public sector, youth, and IP groups are key project beneficiary, most affected by the climate risk, and are critical for inclusive/last-mile early warning dissemination, and household decision making. | **CRC Volunteers:** Act as community facilitators and Early Warning Champions; support dissemination of warnings and preparedness messages. two Red Cross volunteers are typically assigned to each village. These volunteers play a crucial role as emergency response agents within the community.<br><br>**Women, PWDs, youth, IP champions:** Serve as household and peer-level focal points for | Trainings, meetings | • To ensure women, people with disability, the elderly, youth and IP groups can access EWs.<br>• Awareness of prevention of Gender-Based Violence (GBV)/ Sexual Harassment (SH)/ Sexual Exploitation and Abuse (SEA)<br>• Project Grievance Redress Mechanism | Throughout the project implementation | UNDP, implementing partners | |

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Docusign Envelope ID: 2EA1BEC7-A6B0-8163-822E-F4F83AAAE1D8

| Stakeholder Engagement Activity | Target Stakeholders | Why Included (Interest, Impact, Influence) | Stakeholder role and responsibility | Methods | Topic of Consultations | Implementation Timeline (Phase & Frequency) | Responsible Entity | Budget (USD) |
|---|---|---|---|---|---|---|---|---|
| | | | understanding and acting on early warning information.<br><br>**OPDs & PWDs in public sector:** Advise on accessible communication and link community feedback to formal systems.<br><br>OPD is an interested stakeholder who can support disseminating EW information to people with disabilities. | | | | | |
| **Four forecaster stations install and other hydrometer equipment, repairs/upgrades drilling of small boreholes.** | Local communities and local authorities | Local communities are direct users and beneficiaries of EW infrastructure and small boreholes installation.<br><br>Local authorities have mandates for land use, approvals, | **Local authorities at the subnational level** will facilitate required permissions related to state land and the identification of suitable sites for Early Warning (EW) equipment | Meetings, trainings | • Scope of small works, timing and Environmental and Safeguard (E&S) mitigation measures such as the Environment and Social Code of Practice (ESCOP)<br>• Job opportunities if available | Ahead and during small works | UNDP, implementing partners, contractors | 809,849.18 |

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| Stakeholder Engagement Activity | Target Stakeholders | Why Included (Interest, Impact, Influence) | Stakeholder role and responsibility | Methods | Topic of Consultations | Implementation Timeline (Phase & Frequency) | Responsible Entity | Budget (USD) |
|---|---|---|---|---|---|---|---|---|
| | | operation, and sustainability.<br><br>Additionally, their involvement reduces risks, improves ownership, and ensures long-term functionality | installation. They will support coordination and ensure integration of project interventions with local development and disaster management plans. Local authorities will also be engaged in relevant site assessments as part of the technical and social and environmental safeguards (SES) processes. They will participate in overseeing operation and maintenance arrangements for EW equipment.<br><br>**Community members** will contribute local site knowledge, participate in site selection, and support | | • Codes of Conduct, prevention of Gender-Based Violence (GBV)/ Sexual Harassment (SH)/ Sexual Exploitation and Abuse (SEA)<br>• Project Grievance Redress Mechanism | | | |

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Docusign Envelope ID: 2EA1BEC7-A6B0-8163-822E-F4F83AAAE1D8

| Stakeholder Engagement Activity | Target Stakeholders | Why Included (Interest, Impact, Influence) | Stakeholder role and responsibility | Methods | Topic of Consultations | Implementation Timeline (Phase & Frequency) | Responsible Entity | Budget (USD) |
|---|---|---|---|---|---|---|---|---|
| | | | safeguarding measures. | | | | | |
| **1 Trainings for contractors' part of small-works** | Local contractors | Contractors are directly responsible for implementing civil and technical works; their compliance with environmental and social safeguards, Codes of Conduct, and community protection measures is critical to preventing harm and ensuring quality and accountability | **Contractors/sub-contractors:** Comply with ESCoP requirements, Codes of Conduct, GBV/SEA/SH prevention measures, and GRM; implement mitigation measures during works. | Trainings | • Mitigation measures and requirements covered in the ESCOP<br>• Codes of Conduct, prevention of Gender-Based Violence (GBV)/ Sexual Harassment (SH)/ Sexual Exploitation and Abuse (SEA)<br>• Project Grievance Redress Mechanism | Ahead of small works | UNDP, implementing partners, contractors | USD 10,000 |
| **4 times of trainings on O&M for community** | Local communities and local authorities | Communities and local authorities are end-users and custodians for EW equipment and borehole, their capacity directly affect the equipment functionality, safety, and sustainability. | **Local authorities:** oversee the equipment installation and construction, ensure its operate and maintenance, operate the equipment and conduct regular check, update, record, and ensure continuity. | Trainings | • O&M measures covered in the ESCOP<br>• Codes of Conduct, prevention of Gender-Based Violence (GBV)/ Sexual Harassment (SH)/ Sexual Exploitation and Abuse (SEA) | During or after small works | UNDP, implementing partners, contractors | USD 10,000 |

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| Stakeholder Engagement Activity | Target Stakeholders | Why Included (Interest, Impact, Influence) | Stakeholder role and responsibility | Methods | Topic of Consultations | Implementation Timeline (Phase & Frequency) | Responsible Entity | Budget (USD) |
|---|---|---|---|---|---|---|---|---|
| | | | **Community people**: Apply O&M procedures, conduct routine checks, operate equipment safely, and report issues. | | • Project Grievance Redress Mechanism | | | |

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## Annex K: Gender Analysis and Action Plan

The GAP is based on the findings in the Gender Analysis. The GAP may be adjusted during project implementation to reflect any changes. For the full Gender Analysis and Action Plan, please refer to Annex 8 of the GCF FP>

| | | | | | |
|---|---|---|---|---|---|
| **Principal Objective:** End-to-end EWS that is inclusive and builds community resilience to climate hazards | | | | | |
| **Specific Objective:** Make a substantial contribution towards delivering a functioning MHEWS in Cambodia, including early/ anticipatory action, focused on addressing the key gaps preventing the MHEWS value cycle from being realised. | | | | | |
| **Result 1:** The NCDM and subsidiary disaster management committees in 4 Provinces will be better able to systematically collect disaggregated data related to early warning and undertake risk assessments. | | | | | |
| **Activities** | **Targets/Indicators** | **Timeline outputs** | **Responsibility** | **Estimated Cost/ Resources** | **Notes** |
| - Upgrade the Cambodia Disaster Damage & Loss Information System (CamDi), providing increasingly sex, age, and diversity disaggregated data.<br>- Integrate gender-responsive data collection and analysis in DRR capacity development, particularly on disaster risk data, including vulnerability, capacity, and exposure of populations | -An up-to-date version of CamDi integrated with PRISM, with improved operability and disaggregated data by key categories (e.g., age, gender, disabilities, and geography).<br><br>- PCDMs equipped with the necessary skills and capacities to compile and regularly update Provincial disaster risk data, including vulnerability, capacity, and exposure of different population groups | Year 1 to Year 5 | NCDM/PCDM<br><br>WFP/UNDP<br><br>Gender and Inclusively Expert | **$33,698.50** | Estimated cost includes Gender and Inclusively Expert, and training/ workshops (integration of gender responsive data collection and analysis into capacity development to NCDM and PCDMs - link with sub-activity 1.1.1 & 2.1.1) |
| **Result 2**: Increased awareness and preparedness among women and vulnerable groups in response to hazard warnings issued by the Cambodia MoWRAM. | | | | | |

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| - Encourage the participation of women in capacity development related to impact-based forecasting and engage in technical areas sessions to build their capacity and representation within MoWRAM.<br>- Ensure women have equal opportunities to participate in capacity development related to impact-based forecasting and engage in technical areas, including scholarship programs<br>- Ensure that the training content includes information on how women and men of different ages may be affected by hazards and how to communicate warnings effectively to diverse groups, including children, women, the elderly, persons with disabilities, as well as other vulnerable populations.<br>- Include a focus on promoting leadership roles for women in the development and dissemination of early warning systems. | - 50% of female participants in capacity development sessions<br>- 70% of training sessions include gender-sensitive content on the differential impacts of hazards and effective communication strategies for diverse groups.<br>- 50% of women assume leadership roles in the development and dissemination of early warning systems as a result of the training<br>- 50% of women participants report increased confidence and skills in leadership roles related to early warning system development and dissemination, as measured by pre- and post-training surveys | Year 1 to year 5 | MoWRAM/UNDP<br><br>Gender and Inclusively Expert | **$68,699.00** | Estimated cost includes Gender and Inclusively Expert, and training/ workshops (link with sub-activity 2.3.1) |
| **Result 3:** Increased gender equality and inclusion in early warning systems and disaster risk communication | | | | | |
| - Ensure gender equality and social inclusion in the carrying out of a comprehensive EW dissemination review and action plan | - Recommendations from the EW dissemination review and action plan explicitly addressed gender equality and social inclusion. | Year 1 to year 5 | UNDP/NCDM/IFRC/GSMA/AA/PIN<br><br>Gender and Inclusively Expert | **$91,864.00** | Estimated cost includes Gender and Inclusively Expert, and training/ workshops - link with sub-activity 3.1.1, 3.3.1) |

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| - Integration of inclusion and gender aspects into technical assistance on warning dissemination channels including Common Alerting Protocols (CAP)<br>- Ensure that most vulnerable groups, including women, youth, persons with disabilities, and the elderly, are informed by using multi-channels of communication (including loudspeakers in the villages), and have access to mobile early warning systems, for instance, through targeted SMS front-screen alerts.<br>- Improve the capacity and understanding to provide blanket multi-channel EW coverage in target Provinces, including a communication campaign and trust-building exercises in alert dissemination, and ensure it reaches out to the most vulnerable groups, including women, persons with disabilities and indigenous communities.<br>- Provide Gender inclusive ToT training targeting youth on accessing existing and improved web-based EWS.<br>- Implementation of Gender Inclusive Community Early Warning Systems, including | - Common Alerting protocols (CAP) and other technical assistance integrated inclusion and gender aspects related to warning dissemination channels.<br>- 80% of individuals from vulnerable groups report receiving timely and actionable early warning messages via targeted SMS alerts.<br>- 80% of project beneficiaries increased in trust and understanding of early warning messages among the most vulnerable groups after the communication campaign and trust-building exercises.<br>- 85% of project beneficiaries receive news or improved early warning information and disaster response and recovery disaggregated by sex, age, and diversity.<br>- 70% of youth trainers who completed the ToT program and demonstrated proficiency in accessing and utilising web-based early warning systems | | | | |

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| intervention led by women, youth, and persons with disabilities. | disaggregated by sex.<br>- Community early warning systems incorporated gender-responsive elements and met established criteria for gender inclusivity. | | | | |
| **Result 4:** Increased participation and leadership of women and marginalised groups in national and community early action response initiatives | | | | | |
| - Integrate GEDSI aspects into capacity development on emergency preparedness and response to PCDM, DCDM, and CCDM, including updating their contingency plans to link with EW and EA.<br>- Early Warning Early Action champions training and specific items (such as life jackets) for community members, including women, persons with disability, children, and youth.<br>- Ensure evacuation sites are accessible for all people, particularly persons with disabilities, by providing limited upgrades such as ramps or handrails.<br>- Develop and roll out protocols, maintenance and training for safe spaces on addressing GBV, and ensuring inclusion for persons with disability.<br>- Provide proof of concept for Shock Responsive Social Protection for preparedness and | - Integration of specific needs of women and men, and persons with disabilities into contingency plans in 3 provinces, 12 districts and 32 communes to inform Commune, District and Provincial multi-hazard and multi-sectoral contingency plans.<br>- At least 80% of participants with equal female/male representation, and including 25% persons with disabilities, in capacity development initiatives demonstrate competencies for effective disaster preparedness and response.<br>- All identified evacuation sites meet accessibility standards for persons with disabilities.<br>- All safe spaces have protocols for protection, GBV prevention, and inclusion of persons with | Year 1 to Year 5 | NCDM/UNDP/ WFP/IFRC | **$96,865.00** | Estimated cost includes Gender and Inclusively Expert, and training/ workshops - link with sub-activity 2.2.1, 3.3.1, 3.2.2 and 3.3.3) |

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| early action in the target provinces, mainly including persons living with a disability | disabilities, accompanied by training sessions conducted.<br>- Shock Responsive Social Protection initiatives implemented in target provinces include specific measures for persons living with disabilities, and women. | | | | |
| **Result 5:** Enhanced inclusion of women and marginalised groups in national early warning systems, leading to more equitable disaster preparedness and response. | | | | | |
| - Develop GEDSI mainstreaming guidelines on EW and training for a cross-pillar approach, including leveraging funding for gender and inclusion bearing in mind specific needs and risks<br>- Increasing representation, voices, and participation of the most vulnerable groups, particularly women, elderly people, and persons with disabilities, in early warning, preparedness, and response.<br>- Integration of GEDSI aspects into SOP and relevant developed protocols on EW<br>- Monitoring, evaluation, and | - One GEDSI mainstreaming guidelines developed and adopted for early warning (EW) systems.<br>- 70% of vulnerable groups (disaggregated by sex, age, and diversities) increasingly participate in early warning, preparedness, and response activities compared to baseline.<br>- All SOPs and protocols on early warning that explicitly include GEDSI aspects.<br>- Integrate at least 3 indicators of gender, disabilities and inclusion into common EW4All MEAL systems and minimum standards | Year 1 to Year 5 | UNDP | **$72,364.00** | Estimated cost includes Gender and Inclusively Expert, Consultant, and training/ workshops - link with sub-activity 1.3.1) |

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| | | | | | |
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| learning frameworks are GEDSI-responsive, including collecting and analysing disaggregated data, GEDSI-related case studies, and progress updates on GEDSI implementation of all relevant project reports. | | | | | |
| **Total** | | | | **$363,490.00** | |

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## Annex L: UNDP Risk Register

*Complete the table below. Please refer to the UNDP Enterprise Risk Management guide for further information.*

| **Project Title:** Advancing Early Warnings for All (EW4All) - Cambodia | **Project Number: 9717** | **Date: 05-Sep-25** |
|---|---|---|

| # | Event | Cause | Impact(s) | Risk Category and Sub-category *(including Risk Appetite)* | Impact, Likelihood & Risk Level *(see Annex 3 Risk Matrix)* | Risk Valid From/To[29] | Risk Owner *(individual accountable for managing the risk)* | Risk Treatment and Treatment Owner |
|---|---|---|---|---|---|---|---|---|
| 1 | *Due to under-engagement of target stakeholders, especially vulnerable and marginalised groups such as persons with disabilities, women, and Indigenous Peoples during project design and decision-making, as noted in the feasibility study, the MHEWS/Early Warning system risks being developed and disseminated through channels that are not fully accessible or inclusive, potentially excluding these groups from accessing and benefiting equitably from MHEWS services effectively.* | Feasibility findings show early warning system design and dissemination channels are not yet fully accessible or inclusive, increasing the risk that services may not effectively reach or be usable by marginalised groups. | Exclusion of marginalised and vulnerable groups from MHEWS/EW services may reduce effectiveness, coverage, and uptake among high-risk populations. This could increase grievances over inequitable access, elevate reputational risk for UNDP and partners, and risk non-compliance with UNDP SES on inclusion and non-discrimination, particularly affecting Output 3: warning dissemination and preparedness. | **1. SOCIAL AND ENVIRONMENTAL (1.9. Indigenous peoples) - UNDP Risk Appetite: CAUTIOUS** | Likelihood: **2 - Low likelihood**<br><br>Impact: **2 - Minor**<br><br>Risk level: **LOW (equates to a risk appetite of MINIMAL)** | From: 30-Sep-27<br><br>To: 30-Sep-30 | Project Management Specialist | Implement the approved Stakeholder Engagement Plan (SEP), ensuring **targeted and documented outreach** to women, persons with disabilities (PwD), and indigenous peoples (IPs), and systematically capturing their inputs during project design and implementation. Treatment Owner: Project Management Specialist (with Partners) |
| | | | | | | | | Apply **inclusive and universal design principles** to MHEWS/EW systems, |

[29] The start date of the project has not yet been determined but the risks are valid from project commencement to completion.

Docusign Envelope ID: 2EA1BEC7-A6B0-8163-822E-F4F83AAAE1D8

| # | Event | Cause | Impact(s) | Risk Category and Sub-category *(including Risk Appetite)* | Impact, Likelihood & Risk Level *(see Annex 3 Risk Matrix)* | Risk Valid From/To[29] | Risk Owner *(individual accountable for managing the risk)* | Risk Treatment and Treatment Owner |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | including **multi-channel disseminati on** (e.g. audio alerts, pictorial messaging, cell broadcast, and community representati ves) to improve accessibility and reach. Treatment Owner: Project Manageme nt Specialist (with Partners) |
| | | | | | | | | Operational ise the project **Grievance Redress Mechanism (GRM)** and regularly **track, analyse, and resolve grievances** related to access, inclusion, and service delivery, with findings informing adaptive project manageme nt. Treatment Owner: Project Manageme nt Specialist |

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| # | Event | Cause | Impact(s) | Risk Category and Sub-category *(including Risk Appetite)* | Impact, Likelihood & Risk Level *(see Annex 3 Risk Matrix)* | Risk Valid From/To[29] | Risk Owner *(individual accountable for managing the risk)* | Risk Treatment and Treatment Owner |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | (withPartners) |
| 2 | Lessons from the ROK–Mekong project and the EW4ALL feasibility study indicate that women and people with disabilities are often underrepresented in consultations and decision-making processes related to early warning system development. This lack of inclusion may result in early warning information and communication technologies that are not fully accessible, inclusive, or effectively usable by these groups | Feasibility findings indicate insufficient gender analysis and gender action plan led to limited representation of women in consultations and decision-making, compounded by the digital gender gap that restricts PwDs and women's access to and effective use of early warning technologies. | gender gaps persist; weaker preparedness/response outcomes; reputational risk; SES non-compliance. This will impact the project Output2: Risk knowledge and Observation and Output 3: warning dissemination and preparedness. | **1. SOCIAL AND ENVIRONMENTAL (1.2. Gender equality and women's empowerment) - UNDP Risk Appetite: CAUTIOUS** | Likelihood: **2 - Low likelihood**<br><br>Impact: **2 - Minor**<br><br>Risk level: **LOW (equates to a risk appetite of CAUTIOUS)** | From: **Click or tap to enter a date.**<br><br>To: **Click or tap to enter a date.** | Safeguard and Coordination Officer, Cambodia PMU | Implement the Gender Analysis & Action Plan (GAAP) with targets/indicators.<br>Ensure sex-, age- & disability-disaggregated data in risk platforms and M&E.<br>Require gender-balanced participation in trainings/committees. |
| 3 | Experience from the ROK–Mekong project indicates that the needs and priorities of Indigenous Peoples are not adequately considered in project planning and decision-making processes, potentially resulting in outcomes that are not inclusive or responsive to their contexts. | Indigenous Peoples' needs and priorities are often not adequately considered due to limited culturally appropriate engagement approaches, insufficient data on their communities, and persistent barriers to their meaningful participation in consultations and decision- | Exclusion of Indigenous Peoples, increased grievances, and undermined project legitimacy, as well as potential non-compliance with SES Standard. These impacts may adversely affect the achievement of Output 2 (Risk Knowledge and Observation) | **1. SOCIAL AND ENVIRONMENTAL (1.8. Displacement and resettlement) - UNDP Risk Appetite: CAUTIOUS** | Likelihood: **2 - Low likelihood**<br><br>Impact: **2 - Minor**<br><br>Risk level: **LOW (equates to a risk appetite of MINIMAL)** | From: **Click or tap to enter a date.**<br><br>To: **Click or tap to enter a date.** | Safeguard and Coordination Officer, Cambodia PMU (with IP focal points). | Apply IP-specific measures in the SEP (culturally appropriate consultation, languages, venues).<br>Include IP reps in local EW committees /drills.<br>Monitor IP participation/feedback via GRM & M&E. |

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Docusign Envelope ID: 2EA1BEC7-A6B0-8163-822E-F4F83AAAE1D8

| # | Event | Cause | Impact(s) | Risk Category and Sub-category *(including Risk Appetite)* | Impact, Likelihood & Risk Level *(see Annex 3 Risk Matrix)* | Risk Valid From/To[29] | Risk Owner *(individual accountable for managing the risk)* | Risk Treatment and Treatment Owner |
|---|---|---|---|---|---|---|---|---|
| | | making processes. | and Output 3 (Warning Dissemination and Preparedness). | | | | | Safe, confidential GRM pathways incl. survivor-centred referral. |
| | | | | | | | | Community awareness on expected conduct/reporting. |
| | | | | | | | | Role-based access controls & audit logs for platforms. |
| | | | | | | | | Data-sharing MoUs with authorities setting privacy/security clauses. |
| | | | | | | | | Close coordination with UNDP CO Procurement Unit. |
| | | | | | | | | Capacity-building of local technical staff. |
| | | | | | | | | Advocate for inclusion of O&M in national budget lines. |
| 4 | Findings from the feasibility study indicate that government agencies manage their data independently, and a lack of | Findings from the feasibility study indicate that governance and coordination present significant | Fragmented implementation of the EW4All system, leading to duplication of efforts and critical gaps in service | **3. OPERATIONAL (3.5. Partners' engagement) - UNDP Risk Appetite: EXPLORATORY TO OPEN** | Likelihood: **3 - Moderately likely**<br><br>Impact: **3 - Intermediate**<br><br>Risk level: | From: **Click or tap to enter a date.**<br><br>To: **Click or tap to enter a date.** | Project Board / UNDP CO. | Establish an inter-ministerial coordination mechanism (steering committee). |

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Docusign Envelope ID: 2EA1BEC7-A6B0-8163-822E-F4F83AAAE1D8

| # | Event | Cause | Impact(s) | Risk Category and Sub-category *(including Risk Appetite)* | Impact, Likelihood & Risk Level *(see Annex 3 Risk Matrix)* | Risk Valid From/To[29] | Risk Owner *(individual accountable for managing the risk)* | Risk Treatment and Treatment Owner |
|---|---|---|---|---|---|---|---|---|
| | coordination among them within the EW4All system may hinder the effective implementation of an integrated EW4All system. | challenges in Cambodia, driven by overlapping institutional mandates, limited inter-agency communication and data sharing, and competing priorities among government agencies. | delivery, as well as increased reputational risk. These challenges may undermine the effectiveness of Output 1 (Governance and Coordination), and negatively impact the achievement of Output 2 (Risk Knowledge and Observation) and Output 3 (Warning Dissemination and Preparedness). | | **MODERATE (equates to a risk appetite of EXPLORATORY)** | | | Regular joint work planning and progress reviews.<br>Use of MoUs to clarify roles/responsibilities. |

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Annex M: Letter of Agreement with the government in case UNDP Support Service Costs are applied

Not applicable

Annex N: HACT micro assessment and Partner Capacity Assessment Tool (PCAT)

To be added a link to folder of HACT and PCAT

Docusign Envelope ID: 2EA1BEC7-A6B0-8163-822E-F4F83AAAE1D8

**Annex R: On-Granting Provisions Applicable to the Implementing Partner**[35]

**Note**: This annex does not apply to the Cambodia Early Warning for All Multi-Country Project as it is implemented under the **Direct Implementation Modality (DIM)** where UNDP serves as the Implementing Partner.

## Annex [S]: Other annexes included in the Funding Proposal annex package approved by the GCF Board

(Only include Annexes to the extent that they are not confidential as indicated in the disclosure form submitted to the GCF)

[35] Applicable for non-UNDP Implementing Partner as Grant Making Institution facilitating on-granting.

Docusign Envelope ID: 2EA1BEC7-A6B0-8163-822E-F4F83AAAE1D8

# Detailed Social and Environmental Screening Report

## ASM-19818 - SESP (Social and Environmental Screening Procedure)

**Procedure Year:** 2026

**Procedure Rating:** Low

**Procedure Status:** Confirmed by PAC/Board

**Procedure Name:** ASM-19818

**Procedure Type:** Design

**Procedure Department:** CO - Cambodia - Phnom-Penh

**Record Owner:** Sovanny Chhum

**Created by:** Sovanny Chhum,3/3/2026, 11:38 PM

**Last Modified by:** Shakeel AHMAD,4/23/2026, 4:46 AM

**Portofolio/Project Type:** Project

| RELATED PORTFOLIO MYWPS/PROJECTS (1) | | | | | | |
|---|---|---|---|---|---|---|
| NAME | PORTOFOLIO/PROJECT NAME | DEPARTMENT | STATUS | ATLAS PROJECT NUMBER | START DATE | END DATE |
| 01005368 | PIMS-10408 Cambodia Early Warning for All Initiative (EW4All-Cambodia) | CO - Cambodia - Phnom-Penh | Draft | | 12/8/2025 | 12/8/2030 |

| RELATED QAS (1) | | |
|---|---|---|
| PARENT PROCEDURE | PROCEDURE TYPE | PROCEDURE YEAR |
| ASM-19817 | Quality Assurance - Design | 2026 |

## Triggered Requirements

**Number of Identified Risks:** 7

**The Social and Environmental Screening Procedure (SESP) has indicated that, from a risk perspective, the following SES Principles and Standards are triggered for the project:**

| UNDP SES PRINCIPLES AND STANDARDS | # OF RISKS | RISK SIGNIFICANCE | TRIGGERED PRINCIPLES |
|---|---|---|---|
| Human Rights | 1 | Low | |
| Gender Equality and Women's Empowerment | 1 | Low | |
| Accountability | 1 | Low | |
| Standard 3: Community Health, Safety and Security | 1 | Low | |
| Standard 6: Indigenous Peoples | 1 | Low | |
| Standard 7: Labour and Working Conditions | 1 | Low | |
| Standard 8: Pollution Prevention and Resource Efficiency | 1 | Low | |

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## Assessment — Status: Complete

Is assessment required? (Question only required for Moderate, Substantial and High Risk portfolio MYWPs/projects)

**Targeted assessment(s) required?** No

**If yes, please indicate the status of required assessment(s)?**

**Comments (for instance, please indicate the assessment type) (20000 Characters maximum)**

**Environmental and Social Impact Assessment (ESIA) required?** No

**If yes, please indicate the status?**

**Comments (20000 Characters maximum)**

**Strategic Environmental and Social Assessment (SESA) required?** No

**If yes, please indicate the status?**

**Comments (20000 Characters maximum)**

## Management Plans — Status: Complete

Are management plans required? (Question only required for Moderate, Substantial and High Risk portfolio MYWPs/projects)

**Targeted management plan(s) required?** No

**If yes, please indicate the status of required management plan(s)?**

**Comments (for instance, please indicate the type of management plan) (20000 Characters maximum)**

**Environmental and Social Management Plan (ESMP) required?** No

**If yes, please indicate the status?**

**Comments (20000 Characters maximum)**

**Environmental and Social Management Framework (ESMF) required?** No

**If yes, please indicate the status?**

**Comments (20000 Characters maximum)**

## Approval Information

**Approval Date:** April 23, 2026 **Approved By:** Shakeel AHMAD <shakeel.ahmad@undp.org>

Docusign Envelope ID: 2EA1BEC7-A6B0-8163-822E-F4F83AAAE1D8

**Confirmed Date:** April 23, 2026 **Confirmed By:** Shakeel AHMAD <shakeel.ahmad@undp.org>

**PAC/Board Date:** November 13, 2024 **PAC/Board Meeting minutes uploaded:** ✓

| APPROVAL HISTORY | | | |
|---|---|---|---|
| STEP NAME | DATE | STATUS | ASSIGNED TO |
| Confirmed by PAC/Board | 2026-04-23 04:46:08 | Approved | Shakeel AHMAD |
| Cleared for PAC/Board | 2026-04-23 04:45:02 | Approved | Shakeel AHMAD |
| Approval Request Submitted | 2026-04-21 23:47:24 | Started | Sovanny Chhum |

## Identified Risks & Treatments

**Principle & Standard:** Human Rights -1 Risk(s)

**Risk Significance:** Low

**Triggered Principles:**

**Risk Significance:** Low

**Event:**

Child or forced labor may be used in project-related small works, in violation of national labor laws and human rights standards.

**Causes:**

Weak enforcement of labor standards, insufficient contractor oversight, and lack of awareness of labor requirements.

**Impact:**

Harm to children or vulnerable workers, legal and reputational risks, and non-compliance with national laws and international human rights standards.

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| The Social Management Framework (ESMF) and Environment and Social Codes of Practice (ESCOP) include clear guidance and prohibition on the use of child or forced labor for any of the project's activities. | | 9/30/2030 | Ongoing | |

**Principle & Standard:** Gender Equality and Women's Empowerment -1 Risk(s)

**Risk Significance:** Low

**Triggered Principles:**

**Risk Significance:** Low

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**Event:**

Gender-specific vulnerabilities are not adequately integrated into project design and implementation, limiting the inclusiveness and effectiveness of early warning systems.

**Causes:**

Inadequate stakeholder engagement with women, insufficient gender-disaggregated data, limited representation in decision-making, and gaps in inclusive design.

**Impact:**

Early warning systems may not reflect the different needs and experiences of women, resulting in reduced effectiveness, limited gender equity outcomes, and weaker achievement of project objectives.

**RELATED TREATMENTS (1)**

| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
|---|---|---|---|---|
| The project is cognizant that women frequently bear the brunt of disasters, and that early-warning systems should address the full range of hazards faced by communities, including women. For this, country-specific gender analysis is essential. The project has developed a Gender Analysis and Action Plan (GAAP) for Cambodia outlining gender norms, legislation, barriers and opportunities, including with a specific focus on early warnings and disasters. An action plan with detailed gender targets, based on the gender analysis and the specific country activities, also forms part of the GAAP. Consultations during project design have included a specific focus on gender and ensuring that women's groups are consulted to better understand challenges and opportunities. Gender staff have supported project design and will be hired during project implementation to be part of the Cambodia PMU. The Grievance Redress Mechanism (GRM) is detailed in the SEP and includes considerations for SEAH complaints. The global GRM described in the ESMF is also available as are UNDP's Accountability Mechanism (SRM/SECU) | | 9/30/2030 | Ongoing | Women can be at greater risk of disasters through a lack of timely and relevant information and due to existing gender norms and responsibilities. It is important that gender aspects are understood and that specific measures be put in place to ensure the project can promote gender equality and empowerment. |

**Principle & Standard:** Accountability -1 Risk(s)

**Risk Significance:** Low

**Risk Significance:** Low

**Event:**

Vulnerable and marginalized groups (e.g., women, persons with disabilities, Indigenous Peoples, and remote communities) are excluded from meaningful participation in consultations and decision-making processes, resulting in limited access to and use of project benefits, including multi-hazard early warning systems (MHEWS).

**Causes:**

The project fails to consider the needs of all communities, including marginalized groups and people with disabilities, due to inadequate stakeholder engagement, insufficient data collection on vulnerable and marginalized groups, poor representation of these groups in decision-making, or lack of inclusive design in project planning.

**Impact:**

The exclusion of marginalized and vulnerable groups from MHEW/EW services may reduce effectiveness, coverage, and uptake among high-risk populations.

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| To be effective, MHEWS must be appropriate to the needs of all members of a community. The project is being sensitively designed to ensure the needs of marginalized and vulnerable groups are well considered and integrated. A Stakeholder Engagement Plan (SEP) has been developed which details and analyses specific country stakeholders and takes into account the needs of vulnerable groups, including Indigenous Peoples, and the findings from the Gender Analysis and Action Plan (GAAP) for Cambodia. SES staff have supported project design and will be hired during project implementation to be part of the Cambodia PMU. The Grievance Redress Mechanism (GRM) is detailed in the SEP and the global GRM described in the ESMF is also available as are UNDP's Accountability Mechanism (SRM/SECU) and GCF's Independent Grievance Mechanism (IRM). | | 9/30/2030 | Ongoing | Some groups could be excluded in the consultation process, affecting access to and use of early warning systems. Consideration of differential impact of disasters on marginalized groups and their limited access to information and resources, especially during emergencies, needs to be incorporated into project design. |

**Principle & Standard:** Standard 3: Community Health, Safety and Security -1 Risk(s)

**Risk Significance:** Low

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**Triggered Principles:**

**Risk Significance:** Low

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**Event:**

Inadequate Occupational Health and Safety (OHS) measures during small works, installation, and maintenance may result in injuries to workers or community members

**Causes:**

Insufficient implementation of OHS procedures, limited awareness or supervision during works, and potential (though unlikely) presence of UXO in project areas.

**Impact:**

Workplace accidents or injuries, potential community safety incidents, project delays, and non-compliance with OHS and safety standards.

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| The Social Management Framework (ESMF) and Environment and Social Codes of Practice (ESCOP) include guidance on how to assess and manage OHS risks during construction and maintenance, including in the event of natural disasters. The ESMF includes a pre-works checklist to screen for UXO risk and guidance to be followed in the event UXOs were found in the area where monitoring equipment was going to be installed. | | 9/30/2030 | Ongoing | Cambodia has a presence of Unexploded Ordnance (UXO) due to the remnants of civil war. However, the minor project works will be sited in existing areas so it is highly unlikely that there would be any UXO impacts. Nevertheless, in case the project had works in areas not already cleared, the presence of UXOs would be screened for as per local government regulations, or the area avoided. |

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**Principle & Standard:** Standard 6: Indigenous Peoples -1 Risk(s)

**Risk Significance:** Low

**Triggered Principles:**

**Risk Significance:** Low

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**Event:**

The needs of Indigenous Peoples are not adequately integrated into project design and implementation, limiting their access to and benefits from project interventions.

**Causes:**

Inadequate engagement with Indigenous communities, insufficient data on their needs, limited representation in decision-making, and gaps in inclusive and culturally appropriate design.

**Impact:**

Exclusion of Indigenous Peoples from project benefits, increased risk of grievances, potential non-compliance with SES Standard 6, and reduced overall project effectiveness and equity.

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| The project is being sensitively designed to ensure the needs of vulnerable groups are well-considered and integrated and can thereby benefit from the project's activities, including trainings, capacity building and information dissemination. Given the risk of the activities, rather than a stand-alone Indigenous Peoples Plan (IPP), considerations for consulting and engaging with IPs have been included in the project's SEP as this is considered a more holistic way to ensure IP considerations are well integrated into the project. SES staff are involved during project preparation and will be part of the Project Management Unit (PMU) during implementation. | | 9/30/2030 | Ongoing | There are Indigenous peoples in the four provinces, in particular in Kratie, Stung Teng, and Ratanakiri. The voices of women, youth, the poorest, and people with a disability are also essential to consider. |

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**Principle & Standard:** Standard 7: Labour and Working Conditions -1 Risk(s)

**Risk Significance:** Low

**Triggered Principles:**

**Risk Significance:** Low

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**Event:**

Project workers and consultants may interact with local communities in ways that create risks of sexual exploitation, abuse, or harassment (SEAH).

**Causes:**

Direct engagement with communities during project activities (e.g., consultations, small works), combined with power imbalances and insufficient awareness or enforcement of codes of conduct.

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**Impact:**

Potential incidents of SEAH, harm to community members (particularly women and children), reputational risk, and non-compliance with UNDP policies and safeguarding standards.

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| Codes of Conduct will be put in place for all project workers including national and international consultants, as well as those working on construction. This is included in the Environment and Social Management Framework (ESMF). Training on Codes of Conduct and SEAH will also be provided to local authorities managing safe spaces and the local community. The project-level GRM includes SEAH/GBV considerations as do the country-level GRMs described in the SEPs. If safe spaces are supported they will also implement Codes of Conduct.<br><br>UNDP adheres to the Secretary-General Bulletin on sexual exploitation and abuse applicable to all UN staff including those working for UNDP and other separately administered organs and programs of the United Nations. Information on sexual exploitation and abuse is also included in the UNDP Code of Ethics. Standards of conduct related to sexual harassment are covered by the Policy on harassment, sexual harassment, discrimination, and abuse of authority. | | 9/30/2030 | Ongoing | |

**Principle & Standard:** Standard 8: Pollution Prevention and Resource Efficiency -1 Risk(s)

**Risk Significance:** Low

**Triggered Principles:**

**Risk Significance:** Low

**Event:**

Small-scale construction and rehabilitation works may generate localized environmental impacts during implementation.

**Causes:**

Minor civil works (e.g., facility upgrades, borehole drilling) may lead to dust, noise, and improper waste management if not adequately controlled.

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**Impact:**

Short-term environmental disturbances, potential community complaints, and minor non-compliance with environmental standards, which may affect project implementation and stakeholder acceptance.

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| These site-specific risks will be able to be managed with straightforward mitigation measures. The project Environment and Social Management Framework (ESMF) has been developed and includes an Environment and Social Codes of Practice (ESCOP) to guide the repairs and upgrades of facilities and drilling water-monitoring boreholes, taking into account waste management, noise, and dust pollution. The ESMF also includes clear criteria for the location of small works to ensure these are sighted on government-owned land free of disputes with no land-related impacts. | | 9/30/2030 | Ongoing | |

## Questionnaire

Step 1 - Integrate the SES Programming Principles — Status: Complete

**QUESTION 1: How Does the Portfolio MYWP/Project Integrate the Programming Principles in Order to Strengthen Social and Environmental Sustainability?**

**Briefly describe in the space below how the portfolio MYWP/project mainstreams the human rights-based approach (32000 Characters maximum)**

With global temperatures likely to cross the 1.5 °C threshold before 2030, climate change-related impacts are progressively pushing human and natural systems beyond their ability to adapt, with potentially irreversible impacts. Increases in the frequency and intensity of climate and weather extremes have reduced food and water security, hindering efforts to meet Sustainable Development Goals and has slowed down global agricultural productivity exposing millions of people to acute food insecurity. Cambodia ranks amongst the countries most vulnerable to climate change as a large proportion of its population depends on agriculture for livelihoods and lives in flood-prone areas. Rainfall patterns are changing and are becoming less predictable, leading to more and more severe extreme weather events, such as tropical storms, floods, and droughts. This will significantly impact communities and may further result in economic losses, indebtedness, increased inequality, food insecurity, and loss of life, with agriculture, infrastructure, forestry, and human health, the most affected sectors. The most vulnerable - children, women, people with disabilities, the elderly, and socially marginalized groups, such as migrant communities - will be the most affected.

The goal of EW4All is to ensure every person on Earth is protected by early warning systems within five years. Early warning systems are a critical investment to enhance climate resilience at a national and community level, by providing critical information to guide risk management and make informed long-term decisions that can result in avoided losses. Well-functioning Multi-Hazard Early Warning Systems (MHEWS) allow people, institutions, and businesses to prepare for and respond to multiple

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hazards, including those occurring simultaneously or cumulatively over time, and their potential interrelated impacts. Output 2 of the project will specifically focus on seven countries, including Cambodia. The Cambodia proposal focuses on the four provinces of Ratanakiri, Kratie, Stung Treng, and Banteay Meanchey. The project will improve knowledge of disaster and risk management in these four provinces, improve forecasting, enhance early warning systems (EWS) and dissemination strategies, develop emergency response plans, and train community members on these, and provide repairs and improved access to essential services like safe spaces and clean water. At a national level, the project will also review Standard Operating Procedures and review monitoring mechanisms. The project interventions address critical barriers that prevent the effective generation, dissemination, and use of early warnings for climate change adaptation, preparedness and response. The project design specifically addresses the importance of ensuring the most vulnerable groups in societies are consulted – including women, people with disabilities, Indigenous peoples and other marginalized groups – to ensure EWS are able to reach them. The project is therefore designed to be inclusive of all groups, reaching citizens regardless of their gender, age, status, ethnicity or location. Furthermore, given that existing policies and laws on early warnings and local level procedures, training materials, etc. rarely reflect the needs of people with special needs, the project will pay special attention to this existing deficiency. Inclusivity will be central to the approaches adopted in the project in its training, awareness-raising activities, consultations, technical assistance and small works. The project will carry out repairs and upgrades (such as installation of ramps, provision of solar panels, installation of latrines) in target communities to improve access to safe spaces, sanitation facilities, and clean drinking water for community members, including women, people with disabilities, children, and youth.

**Briefly describe in the space below how the portfolio MYWP/project is likely to improve gender equality and women's empowerment (32000 Characters maximum)**

In order to better understand gender issues in relation to the project a Gender Analysis and Action Plan (GAAP) for Cambodia has been prepared. The GAAP identifies specific gender constraints and needs, as well as identify interventions that can meaningfully improve and enhance women's participation in the project. The project will work to enhance GEDSI analysis in disaster risk assessment and data platforms with disaggregated data for addressing the needs and concerns of diverse groups; to conduct a comprehensive review and action plan of early warning dissemination by addressing inclusivity and digital gender gaps, using multiple communication channels, including cell broadcasting and community-based interventions targeting women, persons with disabilities, and indigenous people. The project will ensure clear and actionable information tailored to different groups, and training and awareness campaigns targeting women, ensuring gender balance, and including youth participation are essential. Preparedness and early action efforts must ensure inclusive evacuation sites, train and equip community members, and build evidence for shock-responsive social protection schemes for the most vulnerable groups, including women and people with disabilities. GEDSI mainstreaming guidelines will be developed, increasing representation of vulnerable groups in preparedness and response activities, and incorporating GEDSI aspects into standard operating procedures and monitoring frameworks with disaggregated data analysis.

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**oject mainstreams sustainability and resilience (32000 Characters maximum)**

The project is designed to address existing root causes and barriers to sustainable climate information services, MHEWS and Anticipatory Action. The project is cognizant of the need to ensure sustainability beyond the project's lifespan and has been developed with an exit strategy that ensures the project is sustainable and not reliant on ongoing donor support . This is done through various approaches, including institutional strengthening, community-level capacity strengthening, programmatic alignment, a financial strategy and policy strengthening. Project activities focus on developing a strategy for economic and financial sustainability, including developing an understanding of the potential for private sector involvement in the entire EWS value chain. The project will strengthen the existing institutions and governance rather than creating new parallel structures. Sustainability will be supported by the supporting and strengthening of existing frameworks. State of the art hydromet monitoring equipment and tools for observations, monitoring, modelling and prediction will be integrated in the existing hydrological and meteorological institutions. Institutional capacity will be further strengthened through upgrading relevant IT and communications equipment. Special attention will be given to building capacities for Operation and Maintenance (O&M) of both equipment and data infrastructure. The project will adopt a broad multi-stakeholder approach and bring on board government agencies, multilateral and international agencies and NGOs, private sector actors and communities as users of climate information, early warnings and anticipatory actions as well as front-line agencies in climate adaptation and disaster response. This will form the foundation of a stable and robust MHEWS. Young people are key stakeholders in the project, and investing time and capacity in the new generations will also ensure the sustainability of the project's activities.

**Briefly describe in the space below how the portfolio MYWP/project strengthens accountability to stakeholders (32000 Characters maximum)**

Continued engagement with stakeholders is a key element of this project. The Cambodia EW4All project has prepared a Stakeholder Engagement Plan (SEP) which identifies relevant stakeholders and ways to engage them during the preparation and implementation of the project. Special attention is paid to vulnerable and marginalized groups, including Indigenous groups. The country-specific SEP provides a thorough analysis of local stakeholders, consultations and engagement conducted in preparation of the project proposal and the measures the project will utilize to continue to engage stakeholders at the national, regional, and local levels throughout implementation, including vulnerable groups. As a significant focus in on delivering EWs, stakeholder engagement will be crucial to ensure that the project is listening to the views of beneficiaries and the challenges they face in receiving EWs and how to overcome this. A country-specific Grievance Redress Mechanism (GRM) is detailed in the SEP, including special measures for cases of Sexual Exploitation Abuse and Harassment (SEAH). The country-level GRM takes into account capacity on the ground and makes use of local systems and project staff that will be supporting in the country, with support from project staff at the global level. The global GRM described in the ESMF is also available as are UNDP's Accountability Mechanism (SRM/SECU) and GCF's Independent Redress Mechanism (IRM).

Step 2.1 - SES Risk Screening Checklist (Programming Principles) Status: Complete

### Human Rights

| | |
|---|---|
| **P.1 Have local communities or individuals raised human rights concerns regarding the portfolio MYWP/project (e.g. during the stakeholder engagement process, grievance processes, public statements)?** | No |
| **P.2 Is there a risk that duty-bearers (e.g. government agencies) do not have the capacity to meet their obligations in the portfolio MYWP/project?** | Yes |
| **P.3 Is there a risk that rights-holders (e.g. persons affected by programming activities) do not have the capacity to claim their rights?** | No |

Would the portfolio MYWP/project potentially involve or lead to:

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| | |
|---|---|
| **olitical, economic, social or cultural) of the affected population and particularly of marginalized groups?** | Yes |
| **P.5 Inequitable or discriminatory impacts on affected populations, particularly people living in poverty or marginalized or excluded individuals or groups, including persons with disabilities?** | No |
| **P.6 Restrictions in availability, quality of and/or access to resources or basic services, in particular to marginalized individuals or groups, including persons with disabilities?** | No |
| **P.7 Exacerbation of conflicts among and/or the risk of violence to affected communities and individuals?** | No |

### Gender Equality and Women's Empowerment

| | |
|---|---|
| **P.8 Have women's groups/leaders raised gender equality concerns regarding the portfolio MYWP/project, (e.g. during the stakeholder engagement process, grievance processes, public statements)?** | No |

Would the portfolio MYWP/project potentially involve or lead to:

| | |
|---|---|
| **P.9 Adverse impacts on gender equality and/or the situation of women and girls?** | No |
| **P.10 Reproducing discriminations against women based on gender, especially regarding participation in design and implementation or access to opportunities and benefits?** | Yes |
| **P.11 Limitations on women's ability to use, develop and protect natural resources, taking into account different roles and positions of women and men in accessing environmental goods and services?** | No |
| **P.12 Exacerbation of risks of gender-based violence, including sexual exploitation and abuse of women and children?** | Yes |

### Accountability

Would the portfolio MYWP/project potentially involve or lead to:

| | |
|---|---|
| **P.13 Exclusion of any potentially affected stakeholders, in particular marginalized groups and excluded individuals (including persons with disabilities), from fully participating in decisions that may affect them?** | Yes |
| **P.14 Grievances or objections from potentially affected stakeholders?** | Yes |
| **P.15 Risks of retaliation or reprisals against stakeholders who express concerns or grievances, or who seek to participate in or to obtain information on the project/portfolio?** | No |

### Sustainability and Resilience

| | |
|---|---|
| **P.16 Does the portfolio MYWP/project include activities with unknown design parameters for which potential SES risks cannot yet be determined and will require further activity-level screening and potential assessment for risks associated with sustainability and resilience?** | No |

Step 2.2 - SES Risk Screening Checklist (Standards) Status: Complete

### Standard 1: Biodiversity Conservation and Sustainable Natural Resource Management

Would the portfolio MYWP/project potentially involve or lead to:

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| | |
|---|---|
| **ical habitats) and/or ecosystems and ecosystem services?** | No |
| **1.2 Activities within or adjacent to critical habitats and/or environmentally sensitive areas, including (but not limited to) legally protected areas (e.g. nature reserve, national park), areas proposed for protection, or recognized as such by authoritative sources and/or indigenous peoples or local communities?** | No |
| **1.3 Changes to the use of lands and resources that may have adverse impacts on habitats, ecosystems, and/or livelihoods?** | No |
| **1.4 Risks to endangered species?** | No |
| **1.5 Exacerbation of illegal wildlife trade?** | No |
| **1.6 Introduction of invasive alien species?** | No |
| **1.7 Adverse impacts on soil?** | No |
| **1.8 Harvesting of natural forests, plantation development, or reforestation?** | No |
| **1.9 Significant agricultural production?** | No |
| **1.10 Animal husbandry or harvesting of fish populations or other aquatic species?** | No |
| **1.11 Significant extraction, diversion or containment of surface or ground water?** | No |
| **1.12 Handling or utilization of genetically modified organisms/living modified organisms?** | No |
| **1.13 Utilization of genetic resources?** | No |
| **1.14 Adverse transboundary or global environmental concerns?** | No |

### Standard 2: Climate Change and Disaster Risks

Would the portfolio MYWP/project potentially involve or lead to:

| | |
|---|---|
| **2.1 Areas subject to hazards such as earthquakes, floods, landslides, severe winds, storm surges, tsunami or volcanic eruptions?** | No |
| **2.2 Outputs and outcomes sensitive or vulnerable to potential impacts of climate change or disasters** | No |
| **2.3 Direct or indirect increases in vulnerability to climate change impacts or disaster risks now or in the future (also known as maladaptive or negative coping practices)?** | No |
| **2.4 Increases of greenhouse gas emissions, black carbon emissions or other drivers of climate change?** | No |

### Standard 3: Community Health, Safety and Security

Would the portfolio MYWP/project potentially involve or lead to:

| | |
|---|---|
| **3.1 Construction and/or infrastructure development (e.g. roads, buildings, dams)?** | Yes |
| **3.2 Air pollution, noise, vibration, traffic, injuries, physical hazards, poor surface water quality due to runoff, erosion, sanitation?** | Yes |
| **3.3 Harm or losses due to failure of structural elements of the programming activities (e.g. collapse of buildings or infrastructure)?** | Yes |

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| | |
|---|---|
| **mporary breeding habitats), communicable and noncommunicable diseases, nutritional disorders, mental health?** | No |
| **3.5 Transport, storage, and use and/or disposal of hazardous or dangerous materials (e.g. explosives, fuel and other chemicals during construction and operation)?** | No |
| **3.6 Adverse impacts on ecosystems and ecosystem services relevant to communities' health (e.g. food, water purification, natural buffers, nutrient cycling, spiritual values, etc.)?** | No |
| **3.7 Influx of portfolio MYWP/project workers to targeted areas?** | Yes |
| **3.8 Engagement of security personnel to protect facilities and property or to support portfolio MYWP/project activities?** | No |

### Standard 4: Cultural Heritage

Would the portfolio MYWP/project potentially involve or lead to:

| | |
|---|---|
| **4.1 Activities adjacent to or within a Cultural Heritage site?** | No |
| **4.2 Significant excavations, demolitions, movement of earth, flooding or other environmental changes?** | No |
| **4.3 Adverse impacts to sites, structures, or objects with historical, cultural, artistic, traditional or religious values or intangible forms of culture (e.g. knowledge, innovations, practices)? (Note: portfolio MYWPs/projects intended to protect and conserve Cultural Heritage may also have inadvertent adverse impacts)** | No |
| **4.4 Alterations to landscapes and natural features with cultural significance?** | No |
| **4.5 Utilization of tangible and/or intangible forms (e.g. practices, traditional knowledge) of Cultural Heritage for commercial or other purposes?** | No |

### Standard 5: Displacement and Resettlement

Would the portfolio MYWP/project potentially involve or lead to:

| | |
|---|---|
| **5.1 Temporary or permanent and full or partial physical displacement (including people without legally recognizable claims to land)?** | No |
| **5.2 Economic displacement (e.g. loss of assets or access to resources due to land acquisition or access restrictions - even in the absence of physical relocation)?** | No |
| **5.3 Risk of forced evictions?** | No |
| **5.4 Impacts on or changes to land tenure arrangements and/or community based property rights/customary rights to land, territories and/or resources?** | No |

### Standard 6: Indigenous Peoples

Would the portfolio MYWP/project potentially involve or lead to:

| | |
|---|---|
| **6.1 Areas where indigenous peoples are present (including project area of influence)?** | Yes |
| **6.2 Activities located on lands and territories claimed by indigenous peoples?** | No |

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| | |
|---|---|
| **atural resources, territories, and traditional livelihoods of indigenous peoples (regardless of whether indigenous peoples possess the legal titles to such areas, whether the programming activities are located within or outside of the lands and territories inhabited by the affected peoples, or whether the indigenous peoples are recognized as indigenous peoples by the country in question)?** | No |
| **6.4 The absence of culturally appropriate consultations carried out with the objective of achieving FPIC on matters that may affect the rights and interests, lands, resources, territories and traditional livelihoods of the indigenous peoples concerned?** | No |
| **6.5 The utilization and/or commercial development of natural resources on lands and territories claimed by indigenous peoples?** | No |
| **6.6 Forced eviction or the whole or partial physical or economic displacement of indigenous peoples, including through access restrictions to lands, territories, and resources?** | No |
| **6.7 Adverse impacts on the development priorities of indigenous peoples as defined by them?** | No |
| **6.8 Risks to the physical and cultural survival of indigenous peoples?** | No |
| **6.9 Impacts on the Cultural Heritage of indigenous peoples, including through the commercialization or use of their traditional knowledge and practices?** | No |

### Standard 7: Labour and Working Conditions

Would the portfolio MYWP/project potentially involve or lead to: (note: applies to portfolio MYWP, project and contractor workers)

| | |
|---|---|
| **7.1 Working conditions that do not meet national labour laws and international commitments?** | No |
| **7.2 Working conditions that may deny freedom of association and collective bargaining?** | No |
| **7.3 Use of child labour?** | Yes |
| **7.4 Use of forced labour?** | No |
| **7.5 Discriminatory working conditions and/or lack of equal opportunity?** | No |
| **7.6 Occupational health and safety risks due to physical, chemical, biological and psychosocial hazards (including violence and harassment) throughout the portfolio MYWP/project life-cycle?** | Yes |

### Standard 8: Pollution Prevention and Resource Efficiency

Would the portfolio MYWP/project potentially involve or lead to:

| | |
|---|---|
| **8.1 The release of pollutants to the environment due to routine or non-routine circumstances with the potential for adverse local, regional, and/or transboundary impacts?** | Yes |
| **8.2 The generation of waste (both hazardous and non-hazardous)?** | Yes |
| **8.3 The manufacture, trade, release, and/or use of hazardous materials and/or chemicals?** | No |
| **8.4 The use of chemicals or materials subject to international bans or phase-outs?** | No |
| **8.5 The application of pesticides that may have a negative effect on the environment or human health?** | No |
| **8.6 Significant consumption of raw materials, energy, and/or water?** | No |

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## ASM-19817 - Quality Assurance - Design

**Procedure Year:** 2026

**Procedure Rating:** Satisfactory

**Procedure Status:** Approved

**Procedure Name:** ASM-19817

**Procedure Department:** CO - Cambodia - Phnom-Penh

**Procedure Type:** Design

**Record Owner:** Sovanny Chhum

**Created by:** Sovanny Chhum,3/3/2026, 11:37 PM

**Last Modified by:** Shakeel AHMAD,4/27/2026, 10:12 PM

**Portofolio/Project Type:** Project

**RELATED PORTFOLIOS/PROJECTS (1)**

| NAME | PORTOFOLIO/PROJECT NAME | DEPARTMENT | STATUS | ATLAS PROJECT NUMBER | START DATE | END DATE |
|---|---|---|---|---|---|---|
| 01005368 | PIMS-10408 Cambodia Early Warning for All Initiative (EW4All-Cambodia) | CO - Cambodia - Phnom-Penh | Draft | | 12/8/2025 | 12/8/2030 |

**RELATED SESPS (1)**

| PARENT PROCEDURE | PROCEDURE TYPE | PROCEDURE YEAR |
|---|---|---|
| ASM-19818 | SESP (Social and Environmental Screening Procedure) | 2026 |

## Approval Information

**Approval Date:** Mon Apr 27 00:00:00 GMT 2026

**Approved By:** Shakeel AHMAD <shakeel.ahmad@undp.org>

**APPROVAL HISTORY**

| STEP NAME | DATE | STATUS | ASSIGNED TO |
|---|---|---|---|
| Submitted for Approval | 2026-04-27 22:12:50 | Approved | Shakeel AHMAD |
| Approval Request Submitted | 2026-04-27 03:44:27 | Started | Sovanny Chhum |

## Identified Risks & Treatments

**Category:** 3. Operational

**Risk Significance:** Moderate

**Risk Significance:** Moderate

**Sub-Category:** 3.5. Partners' engagement

**Event:**

Findings from the feasibility study indicate that government agencies manage their data independently, and a lack of coordination among them within the EW4All system may hinder the effective implementation of an integrated EW4All system.

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**Causes:**

Findings from the feasibility study indicate that governance and coordination present significant challenges in Cambodia, driven by overlapping institutional mandates, limited inter-agency communication and data sharing, and competing priorities among government agencies.

**Impact:**

Fragmented implementation of the EW4All system, leading to duplication of efforts and critical gaps in service delivery, as well as increased reputational risk. These challenges may undermine the effectiveness of Output 1 (Governance and Coordination), an

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| • Establish an inter-ministerial coordination mechanism (steering committee).<br>• Regular joint work planning and progress reviews.<br>• Use of MoUs to clarify roles/responsibilities. | | 9/30/2030 | Ongoing | |

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**Category:** 1. Social and Environmental

**Risk Significance:** Low

**Risk Significance:** Low

**Sub-Category:** 1.2. Gender equality and women's empowerment

**Event:**

Lessons from the ROK–Mekong project and the EW4ALL feasibility study indicate that women and people with disabilities are often underrepresented in consultations and decision-making processes related to early warning system development. This lack of inclusion may result in early warning information and communication technologies that are not fully accessible, inclusive, or effectively usable by these groups.

**Causes:**

Feasibility findings indicate insufficient gender analysis and gender action plan led to limited representation of women in consultations and decision-making, compounded by the digital gender gap that restricts PwDs and women's access to and effective use of early warning technologies.

**Impact:**

gender gaps persist; weaker preparedness/response outcomes; reputational risk; SES non-compliance. This will impact the project Output2: Risk knowledge and Observation and Output 3: warning dissemination and preparedness.

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| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| • Implement the Gender Analysis & Action Plan (GAAP) with targets/indicators.<br>• Ensure sex-, age- & disability-disaggregated data in risk platforms and M&E.<br>• Require gender-balanced participation in trainings/committees. | | 9/30/2030 | Ongoing | |

**Category:** 1. Social and Environmental

**Risk Significance:** Low

**Risk Significance:** Low

**Sub-Category:** 1.9. Indigenous Peoples

**Event:**

Due to under-engagement of target stakeholders, especially vulnerable and marginalised groups such as persons with disabilities, women, and Indigenous Peoples during project design and decision-making, as noted in the feasibility study, the MHEWS/Early Warning system risks being developed and disseminated through channels that are not fully accessible or inclusive, potentially excluding these groups from accessing and benefiting equitably from MHEWS services effectively.

**Causes:**

Feasibility findings show early warning system design and dissemination channels are not yet fully accessible or inclusive, increasing the risk that services may not effectively reach or be usable by marginalised groups.

**Impact:**

Exclusion of marginalised and vulnerable groups from MHEWS/EW services may reduce effectiveness, coverage, and uptake among high-risk populations. This could increase grievances over inequitable access, elevate reputational risk for UNDP and partners, and

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| • Implement the approved Stakeholder Engagement Plan (SEP), ensuring targeted and documented outreach to women, persons with disabilities (PwD), and indigenous peoples (IPs), and systematically capturing their inputs during project design and implementation.<br>• Apply inclusive and universal design | | 9/30/2030 | Ongoing | |

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| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| principles to MHEWS/EW systems, including multi-channel dissemination (e.g. audio alerts, pictorial messaging, cell broadcast, and community representatives) to improve accessibility and reach.<br>• Operationalise the project Grievance Redress Mechanism (GRM) and regularly track, analyse, and resolve grievances related to access, inclusion, and service delivery, with findings informing adaptive project management. | | | | |

**Category:** 1. Social and Environmental

**Risk Significance:** Low

**Risk Significance:** Low

**Sub-Category:** 1.8. Displacement and resettlement

**Event:**

Experience from the ROK–Mekong project indicates that the needs and priorities of Indigenous Peoples are not adequately considered in project planning and decision-making processes, potentially resulting in outcomes that are not inclusive or responsive to their contexts.

**Causes:**

Indigenous Peoples' needs and priorities are often not adequately considered due to limited culturally appropriate engagement approaches, insufficient data on their communities, and persistent barriers to their meaningful participation in consultations and decision-making processes.

**Impact:**

Exclusion of Indigenous Peoples, increased grievances, and undermined project legitimacy, as well as potential non-compliance with SES Standard. These impacts may adversely affect the achievement of Output 2 (Risk Knowledge and Observation) and Output 3 (

| RELATED TREATMENTS (1) | | | | |
|---|---|---|---|---|
| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
| • Apply IP-specific measures in the SEP (culturally appropriate consultation, languages, venues).<br>• Include IP reps in local EW committees/drills.<br>• Monitor IP participation/feedback | | 9/30/2030 | Ongoing | |

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| ACTIVITIES FOR TREATMENT | EXPECTED EFFECT | TIME PLAN FOR COMPLETE | STATUS | COMMENTS |
|---|---|---|---|---|
| via GRM & M&E.<br>• Safe, confidential GRM pathways incl. survivor-centred referral.<br>• Community awareness on expected conduct/reporting.<br>• Role-based access controls & audit logs for platforms.<br>• Data-sharing MoUs with authorities setting privacy/security clauses.<br>• Close coordination with UNDP CO Procurement Unit.<br>• Capacity-building of local technical staff.<br>• Advocate for inclusion of O&M in national budget lines. | | | | |

## QA Questionnaire:

Strategic | Status: Complete | Quality Rating: Satisfactory

**1. Does the project specify how it will contribute to higher level change through linkage to the programme's Theory of Change?**

- 3: The project is clearly linked to the programme's theory of change. It has an explicit change pathway that explains how the project will contribute to outcome level change and why the project's strategy will likely lead to this change. This analysis is backed by credible evidence of what works effectively in this context and includes assumptions and risks.
- 2: The project is clearly linked to the programme's theory of change. It has a change pathway that explains how the project will contribute to outcome-level change and why the project strategy will likely lead to this change.
- 1: The project document may describe in generic terms how the project will contribute to development results, without an explicit link to the programme's theory of change.

*Note: Projects not contributing to a programme must have a project-specific Theory of Change. See alternative question under the information icon for these cases.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The project advances multiple Sustainable Development Goals by strengthening access to accurate weather information, digital skills, and social protection for early action. It supports SDGs 13 and 15 by improving climate preparedness, environmental protection, and sustainable land and water management. Social benefits contribute to SDGs 3 and 4 through reduced disaster-related health risks, improved safety, and enhanced digital literacy. Economic co-benefits align with SDGs 8 and 1 by protecting livelihoods in climate-sensitive sectors such as agriculture, fisheries, and tourism. Gender-responsive actions advance SDG 5 by ensuring women's equitable access to early warnings. Cross-sector partnerships support SDG 17, while inclusive dissemination and social protection mechanisms reduce inequalities in line with SDG 10.

**2. Is the project aligned with the UNDP Strategic Plan?**

- 3: The project responds to at least one of the development settings as specified in the Strategic Plan and adapts at least one Signature Solution. The project's RRF includes all the relevant SP output indicators. (all must be true)
- 2: The project responds to at least one of the development settings as specified in the Strategic Plan. The project's RRF includes at least one SP output indicator, if relevant. (both must be true)

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1: The project responds to a partner's identified need, but this need falls outside of the UNDP Strategic Plan. Also select this option if none of the relevant SP indicators are included in the RRF.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

C.5 Institutions and planning systems enabled to integrate multi- dimensional risks management approaches in national, sub-national, and sectoral development policies and strategies to reduce vulnerability to shocks, including conflict and violence, natural hazards, economic downturns, and epidemics.
• C.5.2 Number of countries with multi-hazard early warning, climate services, and preparedness measures in place to mitigate the impact of conflicts, disasters, pandemics and other shocks (current with amendment)

**3. Is the project linked to the programme outputs? (i.e., UNSDCF/CPD, RPD or Strategic Plan IRRF for strategic interventions not part of a programme)**

- (●) YES
- ( ) NO

*Note: Project QA cannot be approved by Project QA Approver when the response is "No".

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

Under the UNDP Cambodia Country Programme Document (CPD) 2024–2028, the Cambodia Early Warnings for All (EW4ALL) project contributes directly to UNSDCF (CPD) Outcome 3 and CPD Output 3.4. UNSDCF (CPD) Outcome 3 By 2028, people in Cambodia, especially those at risk of being left behind, benefit from a healthier, gender inclusive natural environment.

Relevant | Status: Complete | Quality Rating: Highly Satisfactory

**4. Does the project identify target groups , and particularly those marginalized, vulnerable and left further behind (LNOB)**

- ( ) 3: The LNOB target groups are clearly specified, prioritising discriminated, and marginalized groups left furthest behind, identified through a rigorous process based on evidence.
- (●) 2: The LNOB target groups are clearly specified, prioritizing groups left furthest behind.
- ( ) 1: The LNOB target groups are not clearly specified.

*Note: Risk management must be done for criteria with score of 1. Projects that build institutional capacity should still identify targeted groups to justify support.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The project integrates Gender Equality, Disability, and Social Inclusion (GEDSI) into disaster risk assessments, inclusive early warning systems, and preparedness measures. It promotes accessible communication, disability-inclusive procedures, and gender-responsive social protection, while strengthening participation, disaggregated data use, and capacity building to ensure equitable climate resilience and protection for vulnerable groups.

**5. Have knowledge, good practices, and past lessons learned of UNDP and others informed the project design?**

- (●) 3: Knowledge and lessons learned backed by credible evidence from sources such as evaluation, corporate policies/strategies, and/or monitoring have been explicitly used, with appropriate referencing, to justify the approach used by the project.
- ( ) 2: The project design mentions knowledge and lessons learned backed by evidence/sources but have not been used to justify the approach selected.
- ( ) 1: There is little, or no mention of knowledge and lessons learned informing the project design. Any references made are anecdotal and not backed by evidence.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The approach draws on lessons from UNDP early warning projects globally and regionally, including UNDP-GEF evaluations and the Korea-funded Mekong initiative, which emphasize strong institutional coordination, meaningful community participation, and adaptive management for sustainability. Building on investments in data-sharing protocols, technology upgrades, AI-enhanced forecasting, and IoT-based observations, the project adopts a community-centered model that engages local authorities,

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women's groups, indigenous communities, and vulnerable people to validate hazards and tailor warnings for last-mile action. Adaptive management uses real-time data, iterative learning, and feedback. Global Multi-Hazard Early Warning Systems (MHEWS) 2023 and UNDRR Pacific evidence support inclusive, gender-responsive approaches.

**6. Does UNDP have a clear advantage to engage in the role envisioned by the project vis-à-vis national / regional / global partners and other actors?**

(●) 3: An analysis has been conducted on the role of other partners in the area where the project intends to work, and credible evidence supports the proposed engagement of UNDP and partners through the project, including identification of potential funding partners. It is clear how results achieved by partners will complement the project's intended results and a communication strategy is in place to communicate results and raise visibility vis-à-vis key partners. Options for south-south and triangular cooperation have been considered, as appropriate. (all must be true)

( ) 2: Some analysis has been conducted on the role of other partners in the area where the project intends to work, and relatively limited evidence supports the proposed engagement of and division of labour between UNDP and partners through the project, with unclear funding and communications strategies or plans.

( ) 1: No clear analysis has been conducted on the role of other partners in the area that the project intends to work. There is risk that the project overlaps and/or does not coordinate with partners' interventions in this area. Options for south-south and triangular cooperation have not been considered, despite its potential relevance.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

A feasibility study was conducted to assess the roles of relevant stakeholders and determine how the project will engage with them. The study analyzed the comparative advantages of UNDP and other national, regional, and global partners working in the sector, providing credible justification for UNDP's proposed role in the project. Based on this analysis, a stakeholder engagement plan was developed to guide collaboration during implementation, ensuring that the contributions and results of partners complement the project's intended outcomes. Potential funding partners were also identified through this process. In addition, the project has considered opportunities for South–South such as the South-South Galaxy, a global knowledge-sharing and partnership-brokering platform, and PANORAMA – Solutions for a Healthy Planet .

Principled | Status: Complete | Quality Rating: Highly Satisfactory

**7. Does the project apply a human rights-based approach?**

(●) 3: The project is guided by human rights and incorporates the principles of accountability, meaningful participation, and non-discrimination in the project's strategy. The project upholds the relevant international and national laws and standards. Any potential adverse impacts on enjoyment of human rights were rigorously identified and assessed as relevant, with appropriate mitigation and management measures incorporated into project design and budget. (all must be true)

( ) 2: The project is guided by human rights by prioritizing accountability, meaningful participation and non-discrimination. Potential adverse impacts on enjoyment of human rights were identified and assessed as relevant, and appropriate mitigation and management measures incorporated into the project design and budget. (both must be true)

( ) 1: No evidence that the project is guided by human rights. Limited or no evidence that potential adverse impacts on enjoyment of human rights were considered

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The EW4ALL project responds to the human rights-based approach where the grievance redress mechanism will be introduced and applied during the project implementation. The Grievance Redress Mechanism (GRM) is for project stakeholders to report concerns regarding social and environmental risks and impacts of the project. It can address complaints and grievances in a manner that is mutually agreeable to all parties and readily accessible.

All complainants will be treated respectfully, with courtesy and sensitivity. Every complaint will be thoroughly investigated, and a timely response will be provided to the complainant. Stakeholder engagement activities will include informing participants about available grievance mechanisms and how to access them efficiently.

The key principles of the grievance mechanism are to ensure that:

- The basic rights and interests of affected stakeholders are protected.
- The concerns of affected stakeholders arising from the project's environmental and social performance are adequately

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addressed, and affected stakeholders know their rights to access grievance procedures free of charge.

Comprehensive multi-tiered GRM managed by the Project Management Unit with multiple accessible entry points, including face-to-face consultation, dedicated telephone lines, email contact, and written submissions. The mechanism includes specific confidentiality provisions, SEAH-specific procedures with trained personnel, and clear referral pathways to the UNDP Accountability Mechanism and the GCF Independent Redress Mechanism for unresolved issues.
The GRM is designed to be culturally appropriate and accessible to all beneficiary groups, including specific provisions for people with disabilities, non-Khmer speakers, and those with limited literacy.

**8. Does the project use gender analysis in the project design?**

- (●) 3: A participatory gender analysis has been conducted and results from this gender analysis inform the development challenge, strategy and expected results sections of the project document. Outputs and indicators of the results framework include explicit references to gender equality, and specific indicators measure and monitor results to ensure women are fully benefitting from the project. (all must be true)
- ( ) 2: A basic gender analysis has been carried out and results from this analysis are scattered (i.e., fragmented and not consistent) across the development challenge and strategy sections of the project document. The results framework may include some gender sensitive outputs and/or activities but gender inequalities are not consistently integrated across each output. (all must be true)
- ( ) 1: The project design may or may not mention information and/or data on the differential impact of the project's development situation on gender relations, women and men, but the gender inequalities have not been clearly identified and reflected in the project document.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

A gender analysis and gender action plan were developed during proposal preparation. The EW4ALL project will integrate Gender Equality, Disability, and Social Inclusion (GEDSI) into risk assessments, inclusive early warning systems, and preparedness actions, using disaggregated data and diverse communication channels. It will strengthen inclusive evacuation planning, community participation, and shock-responsive social protection while promoting capacity-building, gender balance, and the participation of vulnerable groups.

**9. Did the project support the resilience and sustainability of societies and/or ecosystems?**

- ( ) 3: Credible evidence that the project addresses sustainability and resilience dimensions of development challenges, which are integrated in the project strategy and design. The project reflects the interconnections between the social, economic and environmental dimensions of sustainable development. Relevant shocks, hazards and adverse social and environmental impacts have been identified and rigorously assessed with appropriate management and mitigation measures incorporated into project design and budget. (all must be true)
- (●) 2: The project design integrates sustainability and resilience dimensions of development challenges. Relevant shocks, hazards and adverse social and environmental impacts have been identified and assessed, and relevant management and mitigation measures incorporated into project design and budget. (both must be true)
- ( ) 1: Sustainability and resilience dimensions and impacts were not adequately considered.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The project addresses systemic barriers to sustainable climate information services through institutional capacity development, technology transfer, and community empowerment approaches. National ownership is ensured through government leadership, integration with existing systems, and alignment with national development frameworks.
Scaling potential exists through replication of successful community-based models across additional provinces, integration of lessons learned into national DRR policies, and South-South knowledge exchange with countries facing similar vulnerabilities. The project's emphasis on local innovation and appropriate technology supports long-term sustainability beyond donor financing.

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**P) been conducted to identify potential social and environmental impacts and risks? The SESP is not required for projects in which UNDP is Administrative Agent only and/or projects comprised solely of the preparation and dissemination of reports and communication materials; organization of events, workshops, or training; strengthening capacities of partners to participate in international negotiations and conferences; partnership coordination (including UN coordination) and management of networks; and global/regional projects with no country-level activities as well as Development Effectiveness projects and Institutional Effectiveness projects. [If yes, upload the completed checklist. If SESP is not required, Select all exemption criteria that apply.]**

- (●) Yes
- ( ) No
- ( ) SESP not required because project consists solely of (Select all exemption criteria that apply)

***Applicable only to option "SESP not required"**

- [ ] 1: Preparation and dissemination of reports, documents and communication materials
- [ ] 2: Organization of an event, workshop, training
- [ ] 3: Strengthening capacities of partners to participate in international negotiations and conferences
- [ ] 4: Partnership coordination (including UN coordination) and management of networks
- [ ] 5: Global/regional projects with no country level activities (e.g. knowledge management, inter-governmental processes)
- [ ] 6: UNDP acting as Administrative Agent
- [ ] 7: Development Effectiveness projects and Institutional Effectiveness projects

*Note: Project QA cannot be approved by Project QA Approver when the response is “No”.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

Yes, SESP has been fully conducted to identify potential environmental and social impacts and risks. The SES checklist is attached to the signed Project Document. In addition, social and environmental considerations are systematically integrated through inclusive participation, structured consultation processes, and accessible communication approaches, ensuring the meaningful engagement of women, persons with disabilities, and other marginalized groups. Potential social risks, including exclusion, power imbalances, or unequal access to project benefits, are mitigated through targeted capacity building, sustained stakeholder engagement, and the mainstreaming of gender and inclusion principles across all project activities.

Management & Monitoring | Status: Complete | Quality Rating: Satisfactory

**11. Does the project have a strong results framework?**

- ( ) 3: The project's selection of outputs and activities are at an appropriate level. Outputs are accompanied by SMART, results-oriented indicators that measure the key expected development changes, each with credible data sources and populated baselines and targets, including gender sensitive, target group focused, sex-disaggregated indicators where appropriate. (all must be true)
- (●) 2: The project's selection of outputs and activities are at an appropriate level. Outputs are accompanied by SMART, results-oriented indicators, but baselines, targets and data sources may not yet be fully specified. Some use of target group focused, sex-disaggregated indicators, as appropriate. (all must be true)
- ( ) 1: The project's selection of outputs and activities are not at an appropriate level; outputs are not accompanied by SMART, results-oriented indicators that measure the expected change and have not been populated with baselines and targets; data sources are not specified, and/or no gender sensitive, sex-disaggregation of indicators. (if any is true)

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The project has a strong result framework with clear targets and indicators. Baseline data will be available at the beginning of the project implementation. The result framework also includes data collection methods and risks associated with each output and outcome level.

**12. Is the project's governance mechanism clearly defined in the project document, including composition of the project board?**

- ( ) 3: The project's governance mechanism is fully defined. Individuals have been specified for each position in the governance mechanism (especially all members of the project board.) Project Board members have agreed on their roles and responsibilities as specified in the terms of reference. The ToR of the project board has been attached to the project document. (all must be true)

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2: The project's governance mechanism is defined: specific institutions are noted as holding key governance roles, but individuals may not have been specified yet. The project document lists the most important responsibilities of the project board, project director/manager and quality assurance roles. (all must be true)

1: The project's governance mechanism is loosely defined in the project document, only mentioning key roles that will need to be filled at a later date. No information on the responsibilities of key positions in the governance mechanism is provided.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

UNDP's implementation oversight role in the project—as represented in the project board and via the project assurance function—is performed by UNDP Resident Representative (RR), Programme Analyst and Programme Specialist, Management and Oversight. UNDP's execution role in the project is performed by Project Manager, M&E Officer, Safeguards and Coordination Officer and Project Assistant. The Project Manager will report to NCE shift lead while M&E Officer, Safeguards and Coordination Officer and Project Assistant will report to the Project Manager. The EW4ALL Pillar leads, Chief Technical Advisor and Regional Technical Advisor will serve as the project technical support.

**13. Have the project risks been identified using the risk assessment tools (Project Quality Assurance, Social and Environmental Screening Procedure, Partner Capacity Assessment Tool, Harmonized Approach to Cash Transfer, Private Sector Due Diligence, etc., if applicable), with clear plans stated to manage and mitigate each risk?**

3: Project risks related to the achievement of results are fully described in the project risk register, based on comprehensive analysis drawing on the programme's theory of change, Social and Environmental Standards and screening, situation analysis, capacity assessments and other analysis such as funding potential and reputational risk. Risks have been identified through a consultative process with key internal and external stakeholders, including consultation with the UNDP Security Office as required. Clear and complete plan in place to manage and mitigate each risk, including security risks, reflected in project budgeting and monitoring plans. (both must be true)

2: Project risks related to the achievement of results are identified in the initial project risk register based on a minimum level of analysis and consultation, with mitigation measures identified for each risk.

1: Some risks may be identified in the initial project risk register, but no evidence of consultation or analysis and no clear risk mitigation measures identified. This option is also selected if risks are not clearly identified, no initial risk log is included with the project document and/or no security risk management process has taken place for the project.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The project risks are fully described in the risk analysis table with clear Event, Cause, Impacts, Risk Category and Sub-Category, and Risk Treatment.

Efficient | Status: Complete | Quality Rating: Satisfactory

**14. Have specific measures for ensuring cost-efficient use of resources been explicitly mentioned as part of the project design?**

Yes
No

*Note: Risk management must be done when the response is "No".

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The budget is fully informed by the results framework and structured to ensure cost efficiency and effectiveness. The resource envelope prioritizes the deployment of a highly skilled in-house human resource base. By leveraging UNDP's existing programme and policy expertise, the project maximizes value for money through the use of internal capacities wherever feasible.
Given the rapid and dynamic nature of Early Warnings for All, where actions must shift quickly from early signals to early response, emergency operations, and policy-level interventions, the project will mobilize existing UNDP experts in Cambodia, a technical advisor, and the Regional Centre to implement key activities. In addition, UNDP's global lead for the initiative will provide technical and strategic support as required. To further enhance efficiency, some core equipment's procurement, including lightning conductors, etc., will be conducted through UNDP's global procurement pool for the seven participating countries. This approach ensures cost savings, standardization, and alignment with similar EW4ALL initiatives both within Cambodia and across the global programme.

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- 3: The project's budget is at the activity level with funding sources, and is specified for the duration of the project period in a multi-year budget. Realistic resource mobilisation plans are in place to fill unfunded components. Costs are supported with valid estimates using benchmarks from similar projects or activities. Cost implications from inflation and foreign exchange exposure have been estimated and incorporated in the budget. Adequate costs for monitoring, evaluation, communications and security have been incorporated.
- (●) 2: The project's budget is at the activity level with funding sources, when possible, and is specified for the duration of the project in a multi-year budget, but no funding plan is in place. Costs are supported with valid estimates based on prevailing rates.
- 1: The project's budget is not specified at the activity level, and/or may not be captured in a multi-year budget.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The project is budgeted at the activity level across five years of the project duration with sufficient funding and in-kind contribution from CO. A detailed budget has been prepared to be able to set up the project in the Quantum System.

**16. Is the Country Office / Regional / Global Project fully recovering the costs involved with project implementation?**

- 3: The budget fully covers all project costs that are attributable to the project, including programme management and development effectiveness services related to strategic country programme planning, quality assurance, pipeline development, policy advocacy services, finance, procurement, human resources, administration, issuance of contracts, security, travel, assets, general services, information and communications based on full costing in accordance with prevailing UNDP policies (i.e., UPL, LPL.)
- (●) 2: The budget covers significant project costs that are attributable to the project based on prevailing UNDP policies (i.e., UPL, LPL) as relevant.
- 1: The budget does not adequately cover project costs that are attributable to the project, and UNDP is cross-subsidizing the project.

*Note: Risk management must be done for criteria with score of 1. The budget must be revised to fully reflect the costs of implementation before the project commences.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The project fully covers all project costs that are attributable to the project in accordance with UNDP policies.

Effective | Status: Complete | Quality Rating: Highly Satisfactory

**17. Have targeted groups, and particularly those marginalized, vulnerable, and left further behind (LNOB), been engaged in the design of the project?**

- (●) 3: Credible evidence that all targeted groups, prioritising discriminated, vulnerable and marginalized populations that will be involved in or affected by the project, have been actively engaged in the design of the project. The project has an explicit strategy to identify, engage and ensure the meaningful participation of target groups as stakeholders throughout the project, including through monitoring and decision-making (e.g., representation on the project board, inclusion in samples for evaluations, etc.)
- 2: Some evidence that key targeted groups have been consulted in the design of the project.
- 1: No evidence of engagement with targeted groups during project design.
- Not Applicable

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The vulnerable groups, including women, people with disabilities, and indigenous people, were fully engaged during the design of the project, especially during the social and environmental screening process, site feasibility assessment of construction and installation activities, and other consultation processes. The project also ensures meaningful participation of these target groups throughout the project through continued consultation during the project implementation, including the development of common alert protocols and other activities.

**18. Does the project plan for adaptation and course correction if regular monitoring activities, evaluation, and lesson learned demonstrate there are better approaches to achieve the intended results and/or circumstances change during implementation?**

- (●) Yes

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- [ ] No

*Note: Risk Management must be done when the response is "No".

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

Yes. The project will operate in a fast-evolving early warning system (EWS) context and will apply adaptive management throughout implementation. Regular monitoring, evaluations, and lessons learned will inform course corrections and adjustments to project activities and approaches, ensuring that the most effective strategies are applied to achieve the intended results and respond to changing circumstances.

**19. The gender marker for all project outputs are scored at GEN2 or GEN3, indicating that gender has been fully mainstreamed into all project outputs at a minimum.**

- [x] Yes
- [ ] No

*Note: Risk management must be done when the response is "No".

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The gender marker for all project outputs is scored at GEN 2 as mentioned in the ProDoc.

**20. Have societal digital risks and opportunities been taken into account when designing the project's approach and have digital or data technology solutions been considered to enhance the efficiency, effectiveness and scalability of project results?**

- [ ] 3: To the extent possible, societal digital risks and opportunities have been investigated when designing the strategy and Theory of Change, and the potential use of digital or data technologies in project activities has been considered in line with UNDP's digital standards and data principles. (All must be true)
- [x] 2: Only the potential use of digital or data solutions in project activities has been considered in line with UNDP's digital standards and data principles, but there is no or limited evidence that aspects of inclusive digital societies have been considered in the design of the strategy or Theory of Change.
- [ ] 1: Neither societal digital risks and opportunities, nor digital or data technology solutions were specifically considered in the project design or, UNDP's digital standards and data principles are not taken into account when intending to use digital or data technology solutions in project activities.
- [ ] Digital considerations are not relevant to this project.

***Applicable only to option "Digital considerations are not relevant"**

- [ ] 1: Societal digital transformation is not a government or contextual priority
- [ ] 2: A non-digital approach yields higher effectiveness and efficiency
- [ ] 3: Other (specify in the "Evidence" section)

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The project leverages innovative digital technologies to transform early warning effectiveness whilst addressing the digital divide. Digital connectivity mapping using artificial intelligence helps visualise local connectivity, identify risk areas, and enhance national communication strategies. This analysis enables targeted interventions for individuals at risk who may be outside digital networks, informing decisions on network expansion or alternative communication channels.
The project pilots mobile early warning services based on cell-broadcast systems, working with mobile network operators and ICT regulators. In areas where mobile networks do not exist, satellite-based and radio networks serve as primary dissemination channels. Geo-located mobile early warning services and Common Alert Protocols streamline warnings across multiple channels, including television, radio, and social media.

Sustainability & National Ownership | Status: Complete | Quality Rating: Satisfactory

**/ engaged in, the design of the country / regional / global project, respectively?**

- 3: National / regional / global partners have full ownership of the country / regional / global project and led the process of the development of the project jointly with UNDP.
- (●) 2: The project has been developed by UNDP in close consultation with national / regional / global partners.
- 1: The project has been developed by UNDP with limited or no engagement with national partners.

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

The National Partners, MoE as a national designated authority, NCDM as the supplier of the project, and MoWRAM as a senior beneficiary have full ownership of the country's project and led the process of the development of the project jointly with UNDP. The project design and development have always been fully consulted with national partners and relevant stakeholders.

**22. Are key institutions and systems identified, and is there a strategy for strengthening specific / comprehensive capacities based on capacity assessments conducted?**

- 3: The project has a strategy for strengthening specific capacities of national institutions and/or actors based on a completed capacity assessment. This strategy includes an approach to regularly monitor national capacities using clear indicators and rigorous methods of data collection, and adjust the strategy to strengthen national capacities accordingly.
- (●) 2: A capacity assessment has been completed. There are plans to develop a strategy to strengthen specific capacities of national institutions and/or actors based on the results of the capacity assessment.
- 1: Capacity assessments have not been carried out
- Not Applicable

*Note: Risk management must be done for criteria with score of 1.

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

Yes. Key institutions and systems have been identified, including the Ministry of Water Resources and Meteorology (MoWRAM) and sub-national Provincial Committees for Disaster Management (PCDM). The project contributes directly to CPD Output Indicator 3.4 by strengthening institutional and technical capacities. A comprehensive human resources plan and targeted capacity development activities will be implemented to enhance the skills and operational capacities of MoWRAM staff and sub-national PCDM institutions.

**23. Is there is a clear strategy embedded in the project specifying how the project will use national systems (i.e., procurement, monitoring, evaluations, etc.,) to the extent possible?**

- Yes
- No
- (●) Not Applicable

*Note: Risk management must be done when the response is "No".

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

This is a DIM project, and therefore, national systems will not be applied. Instead, the UNDP system will apply throughout the project's components, which UNDP will implement. However, through LoA engagement with government partners, the national procurement systems may be applied for activities directly implemented by those partners.

**24. Is there a clear transition arrangement / phase-out plan developed with key stakeholders in order to sustain or scale up results (including resource mobilisation and communications strategy)?**

- (●) Yes
- No

*Note: Risk management must be done when the response is "No".

**Evidence (Enter a short explanation or upload a document that provides evidence for your response)**

Yes. The project includes a transition and sustainability arrangement developed with key stakeholders to ensure results are maintained beyond the project's lifetime. An Operations and Maintenance (O&M) plan will guide the long-term management of

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project outputs, particularly the early warning systems and disaster risk management mechanisms established in the four target provinces: Kratié, Banteay Meanchey, Ratanak Kiri, and Stung Treng. The plan outlines strategies to maintain operational standards, strengthen institutional ownership, and support the continued resilience of vulnerable communities.

## Certificate Of Completion

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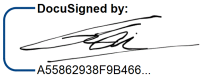
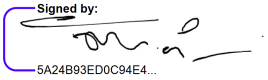
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