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Climate Change and Resilience in Central Asia

Project Progress Report

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Acronyms

CIS	Commonwealth of Independent States
CO	Country Office
CAREC	Regional Environmental Center for Central Asia
DIM	Direct Implementation Modality
EC	European Commission
EU	European Union
IRH	UNDP Istanbul Regional Hub
MoWR	Ministry of Water Resources of Uzbekistan
ProDoc	Project Document
SDGs	Sustainable Development Goals
UNDP	United Nations Development Programme

1. Executive Summary

Reporting period: 01 December 2020 – 30 November 2021

The first reporting period, 01 December 2020 – 30 November 2021, mainly dedicated for the project inception and getting endorsement from the Governments of Kyrgyz Republic, Tajikistan, and Uzbekistan.

Starting from December 2020 until mid-September 2021, the project has had consultations with the participating governments to discuss activities, agree on the implementation arrangements and identify focal points from the Governments of Kyrgyz Republic, Tajikistan, and Uzbekistan. These initial consultations took longer than expected considering COVID-19 related limitations and restrictions in all three programme countries. It is also important to note that the border tensions between participating countries have taken place in April 2021, therefore, country consultations required more time to explain the project interventions in the context of the Ferghana Valley. The project has closely monitored the political situation and effectively followed up with the government focal points to minimize delays in processing of the project endorsement.

On 15 September 2021, the project organized the first [Inception Workshop and Steering Committee Meeting](#) with participation of the representatives from UNDP, EC HQ, EUDs and the government partners. National priorities of the partner countries in addressing climate change impacts were introduced, together with expected project results in support of climate-resilient development and transboundary risk management in the Ferghana Valley. Furthermore, the following items have been discussed: (i) introduce the project concept; (ii) consult with partners on program direction and exchange knowledge on challenges; (iii) present the project implementation, management, and coordination arrangements; (iv) explore opportunities for synergies and partnerships, and (v) review and approve the Annual Work Plan for 2021-2022 and Steering Committee ToR.

After the official endorsement the Annual Work Plan for 2021-2022, the project started with implementation of the initial activities as agreed in the ProDoc, contributing to the following outcomes:

1. Enhanced knowledge base and capacities to identify and assess climate-driven resilience risks in trans-border areas of Kyrgyz Republic, Tajikistan, and Republic of Uzbekistan.
2. Technical assistance on the introduction of climate fragility risks into national policies, climate change adaptation and development strategies and plans in Kyrgyz Republic, Tajikistan and Republic of Uzbekistan provided.
3. Opportunities to promote regional cooperation and awareness on climate and fragility risks created.
4. Enhanced early warning and prevention measures demonstrated at pilot site/s in the Ferghana Valley.

Within the reported period, the project finalized the staffing arrangements for all participating countries. The recruitment process has been fully completed in Uzbekistan with a full-time regional project manager and regional Project Assistant on board, supporting project planning and implementation of activities. The Project management unit is hosted by UNDP Country Office in Uzbekistan. Recruitment process of the project coordinators for Kyrgyzstan and Tajikistan has been finalized at the time of writing this report.

Starting from mid-September 2021, the project implementation has officially started with key activities in line with the working plans agreed between partners, which will strengthen transboundary cooperation in the region and contribute to a set of international global frameworks that offer a strong basis for climate action in line with the EU's agenda: [European Green Deal](#), [Paris Agreement on Climate Change](#), [Sendai Framework on Disaster Risk Reduction](#), and [2030 Agenda for Sustainable Development](#). Progress on the initial activities have been provided under the Section 3.2 for respective outputs.

Although COVID-19 related travel restrictions have had negative impacts on the planned activities, in **Uzbekistan**, the project organized **6 meetings with the participation of around 60 people** to establish initial cooperation and discuss current state of dialogue on climate change and resilience building amongst state entities and stakeholders. The project also initiated **3 policy gap analysis** on climate change and resilience in all three programme countries.

Within the reporting period, the project also developed a detailed communication and visibility plan together with a set of flyers and roll-ups as for the visibility purposes (Figure 6). These outreach materials have been submitted to the project's focal point in the Commission for further approval.

Within the reported period, the project utilized 6,34% of the funds allocated within the first installment and will continue to deliver on ProDoc activities as agreed by partners.

One of the key activities for the project is to identify hotspot areas within the Ferghana valley. Therefore, the project carried out initial consultation meetings with communities (Andijan and Namangan Provinces of Uzbekistan) and government authorities (the Ministry of Water Resources of Uzbekistan and State Committee on Ecology and Environmental Protection) in Uzbekistan. To support this exercise, the project initiated preparatory work to develop a methodology and survey for climate risk and vulnerability assessment to identify hotspots in the Ferghana Valley. The results of this exercise will inform the selection criteria of the hotspot areas. At the national levels, TORs for the national consultants have been prepared and as a follow up the recruitment process has been initiated in three programme countries.

On a national level, the project will continue to cooperate with the Agency for Hydrometeorology of the Committee for Environmental Protection under the Government of the Republic of Tajikistan, Center of Hydrometeorological Service of the Republic of Uzbekistan as well as State Committee on Ecology and Climate of the Kyrgyz Republic.

The project will give a special attention to monitor political instability and potential border conflicts between participating countries, considering the nature of ongoing activities. It is critical to work with all Central Asian governments to demonstrate benefits from the project implementation, with a particular attention to be given on cross-country and cross-regional work to inform decision making process and build consensus amongst all the project stakeholders.

2. Introduction

Geographical coverage: Kyrgyzstan, Tajikistan, and Uzbekistan.

Project partners: Governments of Kyrgyzstan, Tajikistan, and Uzbekistan, EC, local authorities, and local communities.

Ferghana Valley is home to nearly 30% of the Central Asia region's population, which is designated the highest climate change risk area among transboundary climate change hotspots in Central Asia. In a region that is subject to multiple stressors, climate change exacerbates existing vulnerabilities. Central Asia is warming faster than the global average. Average annual temperatures have risen by 0.5 degrees Celsius over the last three decades and are forecast to increase by 2.0 to 5.7 degrees Celsius by 2085. This is evidenced by substantial reductions in mountain snowpack and the depleted volume of the Tien Shan glaciers and permafrost, releasing carbon and methane stocks which contribute to further warming. The region is projected to experience increased frequency and intensity of extreme weather events, changing precipitation patterns and increased drought. These impacts add pressure to already stressed and overexploited natural resources, thereby increasing the vulnerability of rural communities and their livelihoods. Whilst climate change rarely results in direct security threats, climate change interacts with existing stressors, including socioeconomic, political, and natural hazards, to undermine resilience.

Increasing demand for water and an unreliable supply increase pressure on existing water governance arrangements and can complicate political relations, particularly at transboundary basins already affected by tensions.

The overall objective of the project is to support stability and climate resilient development in the Ferghana Valley, a trans-border area of Kyrgyzstan, Tajikistan, and Uzbekistan. The project will (i) improve knowledge of climate-fragility risks amongst stakeholders at local, national, and regional levels; (ii) facilitate risk-informed policymaking and transboundary resource management; and (iii) support practical risk reduction interventions. Early warning and prevention measures will be enhanced. Knowledge base will be increased through targeted public awareness campaigns to ensure growing consciousness on climate-induced vulnerability implications and spill-over effects and climate change resilience. The specific objective of the project is to improve cooperation and resilience of local and regional stakeholders to the threats and risks posed by climate change.

UNDP Istanbul Regional Hub for Europe and the CIS (IRH) is implementing the project under the Direct Implementation Modality (DIM) with participation of UNDP Country Offices (COs), as responsible parties. UNDP Istanbul Regional Hub Climate and Disaster Team is responsible for the oversight, project management, and coordination and reporting.

The Project Management Unit (PMU) is hosted by UNDP Uzbekistan to support project planning and implementation of activities. PMU is led by a full-time regional project manager reporting to the IRH CDT Team Leader, with matrix reporting to the Country Office, and is supported by a regional project assistant also based in Uzbekistan.

National-level activities under the responsibility of the UNDP are implemented directly through the UNDP Country Offices in beneficiary countries (the Kyrgyz Republic, Tajikistan, and Uzbekistan) in close partnership with local partners and stakeholders.

This project is in line with the outcome document of the 2012 United Nations Conference on Sustainable Development “The Future We Want” reaffirming the importance of human development aspects for achieving sustainable development. Therefore, the project will contribute to the 2030 Agenda for Sustainable Development and specifically to the achievement of several SDGs as per the ProDoc, including SDG 2, SDG 3, SDG 6, SDG 7, SDG 11, SDG 12, SDG 13, and SDG 16.

During the inception phase, an appropriate management structure has been established to ensure the coherence of all components.

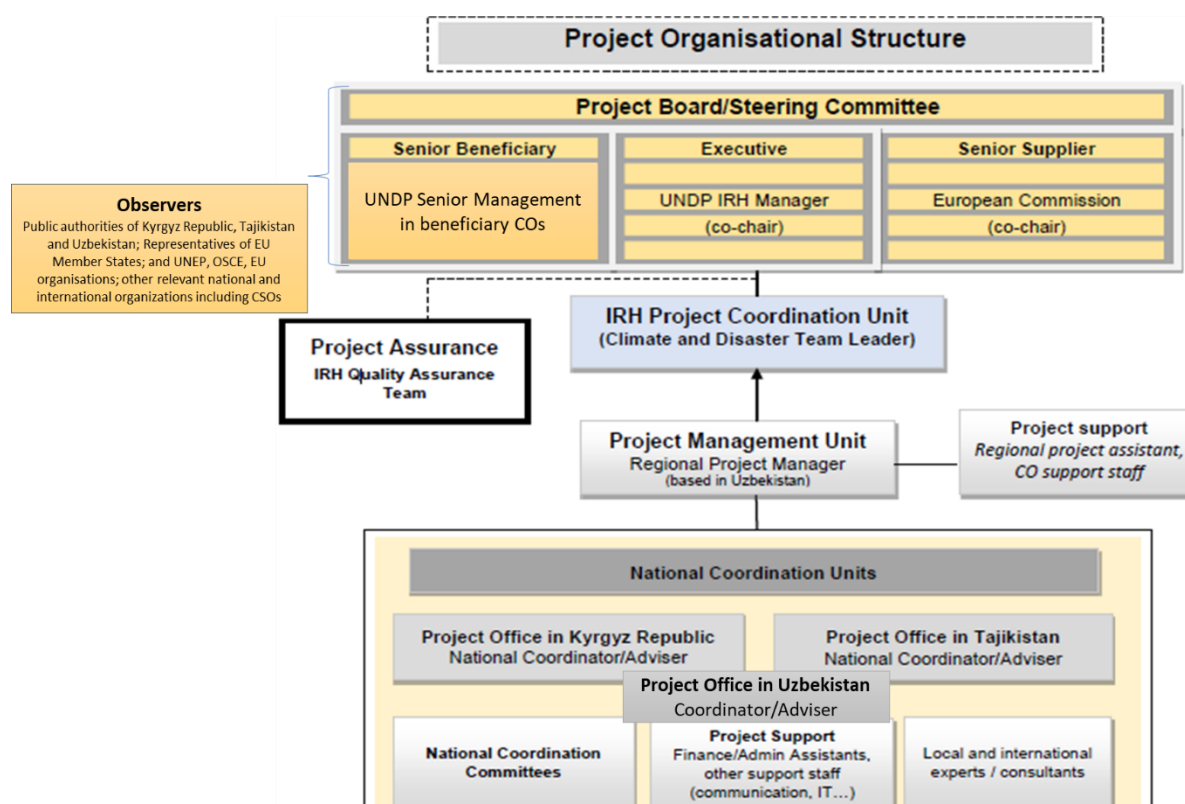


Figure 1. Project management structure as agreed during the Steering Committee Meeting, held on 15 September 2021.

The project contributes to the new **Regional Programme for ECIS 2022-2025, Outcome 3: Resilience Built to Respond to Systemic Uncertainty and Risk** and Output 3.1: Institutional systems to manage multi-dimensional risks and shocks strengthened at regional levels.

3. Progress Review: Key Activities and Results

The project has had intensive consultations with the participating governments from December 2020 to mid-September 2021. As reflected earlier in the executive summary, the border tensions between participating countries in April 2021, resulted in certain challenges while discussing the project objective and activities within the cross-regional context. Therefore, initial consultations required more time to explain the project interventions in the Ferghana Valley, with an objective to minimize delays and impact in processing of the project endorsement.

These consultations ensured ownership from the Governments of Kyrgyz Republic, Tajikistan, and Uzbekistan, and supported project positioning at an early stage before the actual implementation. As a follow up to the endorsement of the initial Annual Work Plan for 2021-2022, which was agreed by all parties during the Steering Committee meeting (held on 15 September 2021), the project implementation has been officially started in all three programme countries.

3.1. Overall progress against outcome and outputs

OUTCOME: Improved cooperation and resilience of the local and regional stakeholders to threats and risks posed by climate change

Indicator: Level of regional cooperation and dialogue on climate change and resilience building.
Target for 2021: Level 1 – initial cooperation established.

The specific objective of this outcome is to improve cooperation amongst and resilience of local communities and regional stakeholders to the threats and risks posed by climate change and its impacts.

In **Uzbekistan**, the project organized **6 meetings** to establish initial cooperation and discuss current state of dialogue on climate change and resilience building amongst state entities and stakeholders.

The project conducted following **3 meetings at state level**:

- On October 26, 2021 the project team had a [meeting](#) with the representatives of Ministry of Water Resources of Uzbekistan (MoWR) and discussed on climate fragility risks and resilience as well as identification of climate hotspots. MoWR suggested to explore [Kasansay](#) and Shohimardon flood prone district.



Figure 2. Consultations with the national counterparts in Uzbekistan (Photo taken by UNDP consultant)

- The project conducted [consultation](#) with the State Committee on Ecology and Environmental Protection. Committee representatives highlighted following cooperation directions: climate-water-energy-food-health NEXUS, mainstreaming of climate risks into environmental policies and monitoring of water quality in Ferghana Valley.
- The project organized a meeting with the representative of Ministry of Emergency Situations with a focus on raising public awareness on climate risks, the importance of early warning systems and preventive measures.

At the regional level, the project hosted additional **3 meetings** to strengthen dialogue on climate change and building resilience among public organizations and stakeholders project in Namangan, Ferghana and Andijan Provinces of Uzbekistan (Figure 3.) These meetings were held between 9-13 November 2021, during the project manager's mission to Ferghana Valley.

Meetings brought together **50 participants** representing local Khokimiyats (administrative), departments of State committee on ecology and environmental protection, Ministry of water resources, Ministry of emergency situations, Center of Hydrometeorological Service, Plant Protection Agency, and other related agencies.



Figure 3. Information meeting in Ferghana Province, Uzbekistan (Photo taken by local administration)

The project has established a partnership with Green Central Asia Initiative of GIZ (funded by the German Federal Foreign Office) to host a high-level regional climate change conference in Tashkent engaging national governments and regional intergovernmental institutions in 2022.

The project progress under different outputs is available below:

Output 1: Enhanced knowledge base and capacities to identify and assess climate-driven resilience risks in the Kyrgyz Republic, Tajikistan, and Uzbekistan with focus on Ferghana Valley.

The project **initiated 3 national policy gap analysis** in the Kyrgyz Republic, Tajikistan, and Uzbekistan with a review of policy documents, strategies and plans on climate change and resilience.

In Tajikistan, for example, the systematic review and assessment of the national climate change and resilience of policy documents (e.g., strategies and plans) were conducted, covering the following aspects:

- ✓ institutional structure and coordination mechanism on environment protection and climate change in Tajikistan,
- ✓ status of national and sectoral strategies and programs of the Republic of Tajikistan on climate change,
- ✓ connection of national strategies and programs with international frameworks and conventions,
- ✓ assessment of the most vulnerable sectors of the economy to the risks of climate change,
- ✓ problems, gaps and barriers in the implementation of national strategies and programs, and
- ✓ conclusions and further recommendations.

The review concluded the following findings which will be presented to the project stakeholders during regional workshops and dialogues planned for 2022: (i) addressing the importance of improving the coordination and institutional mechanism for environment protection and climate change and security, (ii) improving the monitoring systems, (iii) capacity development of responsible ministries and agencies, (iv) regional modelling tools and their use (e.g., early warning forecasting tools, etc.).

The project also developed a training concept on the climate-water-energy-food-health nexus, which will be organized in partnership with the Regional Environmental Center for Central Asia (CAREC) and to be reported under Activity 1.3 during the next reporting cycle.

Finally, the project initiated the work on climate risks and vulnerability assessment to identify climate hotspots within the Ferghana Valley. The preparatory work has been started to develop a methodology and survey for the regional assessment to understand climate-induced risks for Kyrgyz Republic, Tajikistan, and Uzbekistan.

Output 2: Technical assistance on the introduction of climate resilience risks into national policies, climate change adaptation and development strategies and plans in the Kyrgyz Republic, Tajikistan, and Uzbekistan provided.

The project will continue to work with relevant national policy and planning processes and bodies to promote a shared understanding of climate change and resilience concepts and approaches and to mainstream climate-fragility risks into national strategies and plans on civil protection, climate change, environment, and development. The results of the ongoing work under the Output 1 will inform decisions

to be taken for the Output 2, which is currently in progress and to be reported during the next reporting cycle.

Output 3: Opportunities to promote regional exchange and awareness on climate resilience created.

Based on the results of the participatory assessments (ongoing under the Output 1), the project will prepare information and awareness materials reflecting the main outcomes of the assessments for the Kyrgyz Republic, Tajikistan, and Uzbekistan, targeted at the decision-makers and the public at large. The project will initiate and support a regional climate change dialogue engaging with national governments and regional intergovernmental institutions active in Central Asia. The initial work is in progress and will be reported during the upcoming reporting cycle.

Output 4: Enhanced climate-related early warning and prevention measures demonstrated at pilot site/s in Ferghana valley.

Under the Output 4, pilot adaptation and prevention measures will be demonstrated at pilot sites in the Ferghana Valley, based on the results of the participatory assessments and adaptation planning (Outputs 1 and 2). As per the project document, the project's intervention is to focus on community level early warning systems which will be identified based on results from Output 1&2 and will follow working level consultations with national authorities in a later stage.

Within the reporting period, the project initiated working level relations with local Khokimiyats (administrative governors), departments of State committee on ecology and environmental protection, Ministry of water resources, Ministry of emergency situations, Center of Hydrometeorological Service, Plant Protection Agency, and other related agencies. In Uzbekistan, the project organized field visits to the trans-border areas of Ferghana Valley to explore and further identify pilot communities.



Figure 4. Site visit at Kasansay and transboundary river between Kyrgyz Republic and Uzbekistan (where occurred mudflow in 2021, photo taken by UNDP staff)

3.2. Progress against each output

Output 1. Enhanced knowledge base and capacities to identify and assess climate-driven resilience risks in Kyrgyz Republic, Tajikistan, and Uzbekistan with focus on Ferghana Valley.		
Output indicators	ProDoc targets	Progress against targets
1.1. Status of national climate change and resilience assessments	Baseline (2020): n/a Target Y1 (2021): 2 National assessments initiated.	<u>Reporting period:</u> In progress – started with 3 national level policy gap analysis.
1.2. Number of sectoral specialists who increased their knowledge on sectoral interlinkages between climate change resilience and vital sectors up to a level allowing them to feed optimally the decision makers' regional dialogue (disaggregated by sex and country)	Baseline (2020): 0 Target Y1 (2021): 0	<u>Reporting period:</u> In progress – the project initiated the work on climate risk and vulnerability assessment. (Note: A training concept developed on climate-water-energy-food nexus – linked to Act. 1.3 and indirectly contributes to indicator 1.2.)

Activity 1.1. Systematic review and screening of national climate change and resilience assessments/strategies/plans and climate information tools, as part of a gap analysis. This will inform vulnerability assessments and produce information on climate-induced risks and required adaptation measures.

The project started with **3 national policy gap analysis** with a review and screening of national climate change and resilience assessments/strategies/plans and climate information tools, as part of the gap analysis in the Kyrgyz Republic, Tajikistan, and Uzbekistan.

The project will develop an appropriate methodology for the assessment of national policy documents and information tools on climate change and resilience; identify climate-related sectors (irrigation, food, agriculture and others) most sensitive for climate change, and those sectors where climate risks and resilience are not identified in the legislation and review and assess existing climate information tools, including modelling, forecasting and early warning tools relevant to climate-fragility risks in Uzbekistan.

Furthermore, **in Uzbekistan**, the project initiated a gender-related analysis of the climate change policy and reviewed international standards of gender mainstreaming in climate change and resilience strategies and plans. The work is still in progress and results will be shared and consulted with partners in dedicated workshops, which will be conducted in Ferghana valley and in Tashkent. The project is planning to handover the results to the Committee on Women and Gender Equality in the Senate of the Oliy Majlis, in the form of a draft roadmap.

Activity 1.2. Undertaking participatory assessments through structured national and regional consultations to discuss climate change resilience implications and to identify hot-spot areas within the Ferghana Valley, thus supporting consensus-building on possible

adaptation measures. The participatory assessments will involve, above all, public organizations, civil society organizations, academia and scientific institutions.

The project has started with the initial work on climate risks and vulnerability assessment to identify climate hotspots within the Ferghana Valley. Discussions and workplans have been organized to develop a methodology and survey for the regional assessment. Furthermore, at the national levels, TORs for the national consultants have been prepared and as a follow up the recruitment process has been initiated in three programme countries.

Output 2: Technical assistance on the introduction of climate resilience risks into national policies, climate change adaptation and development strategies and plans in the Kyrgyz Republic, Tajikistan, and Uzbekistan provided.

Output indicators	ProDoc targets	Progress against targets
2.1. Number of strategic documents (policies, strategies and plans) for priority sectors (climate-related resilience, civil protection, environment and development) reviewed and revised to mainstream climate-fragility risks and adaptation measures with the assistance of the intervention (disaggregated by country) (matching EURF 2.19 (a))	Baseline (2020): 0 Target Y1 (2021): 0	<u>Reporting period:</u> in progress – TORs are being prepared. Please note that this activity will start following the results of Activity 1.2.

Activity 2.1. Support to national and sectoral adaptation planning: mainstreaming climate-fragility risks and resilience building measures into key strategic documents (policies, strategies, and plans) for priority sectors (i.e., civil protection and disaster risk reduction, water and agriculture, land management, energy, health, rural development, urban development, climate change, and environment, etc.)

In **Uzbekistan**, the project participated in the discussion of development “Water Code” organized by Ministry of water resources of the Republic of Uzbekistan. The Government of Uzbekistan is planning to complete this strategic document by the end of 2022.

In **Tajikistan**, on November 25, 2021, the project team took part in the 2nd Syr- Darya River Basin Council and present the launching of Project to the permanent members of Council that consist of the representatives of Ministry of Energy and Water Resources of Tajikistan (MoEWR), Agency for Land Reclamation and Irrigation (ALRI), Syrdarya River Basin Organization, Department of Agriculture in Sughd region, Sughd Department of committee of environment protection, Department of Hydromet Centre and etc.



Figure 5. The second Syrdarya River Basin Council meeting in Tajikistan

The members of Basin Council positively welcomed the planned activities of the Project and are ready for further cooperation in terms of adaptation and integration of climate changes and resilience into the existed Syr-Darya Basin Management Plan.

The project was included by partners in the working group on climate change and DRR to ensure the participatory approach and coordination mechanism among the main project partners.

Output 3: Opportunities to promote regional exchange and awareness on climate resilience created.

Output indicators	ProDoc targets	Progress against targets
3.2 Level of awareness on climate -related implications among national decision makers	Baseline (2020): Baseline to be established during the Year 1 (2021) of the project through a stakeholder survey. Target Y1 (2021): No change from baseline.	<u>Reporting period:</u> in progress – TORs are being prepared. Tajikistan initiated the preparatory work to conduct the baseline survey. Stakeholder survey is being prepared.

Activity 3.2. Information meetings and workshops in each project country to build understanding and awareness at national level amongst high-level decision-makers and key stakeholders of climate risks and corresponding adaptation measures.

In **Tajikistan**, the project initiated the preparatory work to conduct a baseline survey on the level of awareness of key national decision makers on climate-fragility risks and climate change impacts to socio-economy sector of Tajikistan. The study will reveal the understanding and awareness of decision-makers, policy developers and practitioners at the community level on the links between climate-fragility risks, socio-economic development, and gender issues and corresponding adaptation measures. The desk review of all available public awareness materials on climate-fragility risks and climate resilience among communities across Ferghana valley (8 districts of Sughd region: B.Gafurov, Isfara, Konibodom, Devashtich, Dj,Rasulov, Spitamen, Asht and Maschah) will be conducted.

In parallel, in **Uzbekistan**, the project developed ToR for baseline assessment on the level of decision makers awareness. The survey is planned to cover around 15 public organizations and stakeholders in Namangan, Andijan and Fergana regions (3 districts from each region). The same methodology and tools will be used in three programme countries.

Output 4: Enhanced climate-related early warning and prevention measures demonstrated at pilot site/s in Ferghana valley.

Output indicators	ProDoc targets	Progress against targets
4.1 Status of community early warning system/s within Ferghana valley	Baseline (2020): Doesn't exist. Target Y1 (2021): Local high-risk communities for piloting community based EWS (CBEWS) identified; CBEWS concept developed.	<u>Reporting period:</u> in progress – TORs are being developed and initial site visits organized in Uzbekistan to identify high risk communities.
4.2 Status of availability of information and awareness materials on climate-fragility risks among communities across Ferghana valley (disaggregated by country)	Baseline (2020): No information materials produced by the project Target Y1 (2021): Information/awareness needs defined	<u>Reporting period:</u> in progress – Visibility materials such as factsheet, roll-up, flyers are being prepared.
4.3 Number of local communities engaged in participatory adaptation planning and resilience building	Baseline (2020): 0 Target Y1 (2021): TBD (Target to be established during Year 1 upon identification of pilot sites).	<u>Reporting period:</u> in progress.

Activity 4.1. Community-based climate-related risk and vulnerability assessments and participatory adaptation and resilience planning for selected pilot communities in three pilot transboundary hot-spots. Developing preparedness and response plans for pilot communities.

As reflected earlier, activities under Output 4 will depend on the results of the participatory assessments and adaptation planning (Outputs 1 and 2). To begin with, in Uzbekistan, the project organized field visits to the trans-border areas of Ferghana Valley to explore and further identify pilot communities. The mission was dedicated to a set of working level consultations with the local administrations of Namangan, Fergana and Andijan regions and stakeholders. National partners proposed the following initial climate hotspots and further demonstration of preventive measures. The project will conduct detailed climate risks and vulnerability assessment to identify exact pilot sites in 2022.

Table 1. Initial hotspot areas in the Ferghana Valley of Uzbekistan proposed by local decision makers

Region	Hotspot area	Suggested measures
Andijan	Paxtaobod Markhamat Kurgantepa Bulokbosh	➤ Develop and conclude an agreement between Uzbekistan and Kyrgyzstan to ensure cross-border cooperation ➤ Development of regional information systems for the water sector, including databanks, monitoring and early warning systems ➤ Trainings on crop water requirements for water specialists ➤ Installation of a modern early warning system on community level
Namangan	Kasansay Yangikurgan Chartak Uchkurgan Pap	➤ Installation of a wind power plant in the Yangikurgan district ➤ Implementation of community early warning systems ➤ Develop and conclude an agreement between Uzbekistan and Kyrgyzstan on emergency situations and information exchange
Ferghana	Sokh Fergana Uzbekistan Kuvasay	➤ Develop and conclude an agreement between Uzbekistan and Kyrgyzstan on the use of transboundary water resources of Sokh, Shakhimardan, Isfarasay rivers. ➤ Develop and conclude an agreement between Uzbekistan and Kyrgyzstan on emergency situations and information exchange. ➤ Conducting trainings on mediation

Activity 4.2. Implementing/enhancing community-based early warning and last mile communication on climate-induced extreme events and disasters at selected pilot communities

This activity will depend on the results of the participatory assessments and adaptation planning (Outputs 1 and 2). It will be reported during the upcoming cycle of reporting. To begin with, the project developed several outreach materials including factsheets, flyers and brochure.

Activity 4.3. Implementing adaptation and risk reduction measures to enhance climate resilience of the identified communities in the transboundary hotspots.

This activity will depend on the results of the participatory assessments and adaptation planning (Outputs 1 and 2). It will be reported during the upcoming cycle of reporting. The project will engage with several local communities in participatory adaptation planning and resilience building. The target will be established in 2022 upon identification of pilot sites.

4. Partnerships and Sustainability

In **Uzbekistan**, within the reporting period, partnerships have been established with the local administration and project stakeholders in the Ferghana Valley of Uzbekistan during November 09 - 13, 2021. Moreover, the State committee on ecology and environmental protection, Ministry of water resources, Ministry of emergency situations, as well as the Center for Hydro Meteorological Service showed their willingness for close cooperation with the Project, during introduction meeting main areas of cooperation have been identified.

Furthermore, the Project has established partnership with [Green Central Asia](#) Initiative funded by the German Federal Foreign Office GIZ Uzbekistan; it was concluded that the projects will cooperate on conducting high level event on climate change in November 2022. The Regional Environmental Center for Central Asia (CAREC) is expected to conduct trainings in three countries on water, energy, food and health NEXUS and previously develop training materials. In addition, it is expected that CAREC will be involved in policy dialogue and preparation of water management plans.

In **Tajikistan**, the Project sustains the partnership with local administration, Syr-Darya River Basin Organization, Ministry of energy and water resources, Centre for Hydro Meteorological Service, Department of environment protection, Agency for land reclamation and irrigation, Committee of emergency situations that had shown the willingness for further close cooperation within the Project.

Further potential synergies and partnership with relevant ongoing EU funded CC and DRR projects "Integrated Rural Development Program (IRD-P)" will cooperate through close coordination in terms of strengthening capacity development of national, regional, district and local stakeholders to elaborate development plans with a focus on IWRM, innovative agriculture practices and effective use of natural resource. The good cooperation is established with the SDC funded National Water Resource Management Project that is implementing in consortium partnership with ACTED, GIZ and Helvetas that is applying IWRM and basin management approach in the Tajik part of Syrdarya basin. The potential cooperation on further integration of climate change and resilience measures into the elaborated Basin Management Plan and improvement of regional cooperation and dialogue on climate change and resilience building through active participation of all basin stakeholders.

The project will continue to coordinate with other EU-supported interventions, particularly those implemented under the framework of the EU Strategy on Central Asia, in cooperation with various existing platforms for environment, disaster risk reduction and water cooperation, and with national and regional organizations working in climate change and resilience in Kyrgyzstan, Tajikistan and Uzbekistan, as well as within the regional context of Central Asia.

5. Gender Mainstreaming and Youth

The project initiated a gender-related analysis of climate change policy with a view to conduct assessment of institutional gender equality frameworks and coordination mechanisms to integrate gender perspectives into the climate change policies and planning. The project will analyze the existing climate change and resilience policy documents (related to water, agriculture, energy, food and health and others), also analyze national legislation for compliance with relevant international standards of gender mainstreaming in climate change and sustainability strategies and plans.

As a result of analysis, detailed recommendations for the introduction of a gender-sensitive approach to climate change activities at the local and national levels in Uzbekistan (the exact parts of the documents) will be developed.

The project will conduct at least one workshop in Ferghana Valley and two workshops in Tashkent for sharing information on identified gaps and discussion of recommendations.

The workshops will include following:

- capacity and skills among both women and men in partner institutions, particularly at management, professional and technical levels, which could be identified by conducting a short survey.
- development and adoption of gender-responsive strategy in the form of draft road map to be studied by the Committee on Women and Gender Equality in the Senate of the Oliy Majlis.

The project has come to the agreement with Tashkent Institute of Irrigation and Agricultural Mechanization Engineers to hold a contest dedicated to mainstreaming climate-fragility risks and resilience building measures in the following areas: civil protection and disaster risk reduction, water and agriculture, land management, energy, health, rural development, urban development, climate change, and environment. It is expected that the participants of the contest would include students from bachelor, masters and PhD levels.

6. Visibility

The overall communication objective of the Communication and Visibility Plan is to provide appropriate visibility to the project and accurately communicate the project's objectives and progress to a diverse range of groups within participating countries (with due attention to geographical, gender, age, and linguistic representation of audiences), including the project's support from the European Union's Delegations.

The project's communication and visibility activities will focus on concrete results, related to the following four key development outcomes:

- Enhanced knowledge base and capacities to identify and assess climate-driven resilience risks in trans-border areas (Kyrgyz Republic, Tajikistan and Uzbekistan);
- Technical assistance on the introduction of climate fragility risks into national policies, climate change adaptation and development strategies and plans in Kyrgyz Republic, Tajikistan and Republic of Uzbekistan provided
- Opportunities to promote regional cooperation and awareness on climate and fragility risks created; and
- Enhanced climate-related early warning and prevention measures demonstrated at pilot transboundary site/s.

Within the reporting period developed communication and visibility plan and submitted for EU's approval. Furthermore, prepared visibility materials such as project flyer and roll-ups.



Figure 6. Project visibility materials (roll-up, fact sheet, bag and note book)

The project's mission to Ferghana Valley was promoted on UNDP Uzbekistan [Facebook Page](#) and Twitter as well as streamed at the national TV channel and the [Newspaper](#) of the Ferghana region.



БМТ минтакавий лойиҳаси: МАҚСАД — ИҚЛИМ ҲАВФЛАРГА ЧИДАМЛИЛИКНИ ОШИРИШ

Б у муҳим анжуман тугатган куннинг эртаси Фарғона вилояти ҳосимининг қишлоқ ва сув ҳўжалиги масалалари бўйича ўринбосари Алибек Турсунов БМТ Тараққиёт дастурининг Комплекс тикланиш ва маҳаллий ривожланиш бўйича маслаҳатчиси Томас Торугудни қабул қилди. Мехмон иқлим ўзгариши муаммолари Фарғона vodiysi учун ҳам фўят муҳим эканлигини қайд этди. Лойиҳани амалга ошириш учун кўчларни бирлаштириб, давлат идоралари, маҳаллий ҳокимият вакиллари ва манфаъдор томонлар, шунингдек, Фарғона аҳолиси билан ҳамкорликни кўчатириш кераклигини айтди.

2021-2024 йилларга мўлжалланган, Европа Иттифоқи томонидан молиялаштирилаётган БМТнинг "Марказий Осиёда иқлим ўзгариши ва барқарор ривожланиш" лойиҳаси билан унинг менежери Исомиддин Акрамов таништиради.

Таъкидланганидек, унинг қиймати 3,2 миллион доллардан ортиқ бўлган ушбу минтакавий лойиҳа БМТ Тараққиёт дастури доирасида Фарғона vodiysida иқлим ўзгариши ва унинг таъсири билан боғлиқ таҳдид ҳамда хатарларга чидамлилини ошириш мақсадида амалга оширилади.

Маълумки, vodiyda Марказий Осиё аҳолисининг 30 фоизга яқини истиқомат қилади. Мазкур минтақа иқлим

Бугун экологик муаммо жаҳон миёсисдаги долзарб масалалардан бирига айланган. Бунинг БМТнинг Глазгода иқлим ўзгариши масаласига бағишланган конференцияси ҳам курсатиб турибди.



— Лойиҳанинг асосий мақсади, — дея таъкидлади лойиҳа менежери Исомиддин Акрамов. — Қирғизистон, Тожикистон ва Ўзбекистон трансҳаёравий зонаси бўлиши Фарғона vodiysida иқлим ўзгаришига нисбатан барқарорлики ва бардошлиликини кўллаб-қувватлашдан иборат. Барқарорлиқни таъминлаш ва иқлим ўзгаришига чидамли ривожланиш моделларини ишлаб чиқишдан аввал биз тегишли идора ва бошқармалар бошлиқлари фикр ва фикрларини эшитиш, иқлим ҳавф-хатарлари жиҳатидан заиф туманларни белгилаб олиш учун йиғилдик.

Йиғилишда вилоят "Ўзгидромет" бошқармаси бошлиғи Муҳиддин Жўраев, соғлиқни сақлаш бошқармаси бошлиғи Хўсан Мамақонов, сув ҳўжалиги бошқармаси бошлиғи Фахриддин Турсунов ва бошқалар ўз таклифларини айтиб, мавзу бўйича фикр-мулоҳазаларини билдирди. Натигада лойиҳа доирасида Кувасой шаҳри, Фарғона, Ўзбекистон ва Сўх туманларида ўрмонлар олиб бўрилиб, иқлим ўзгаришлари хавфлари тўғрисида аҳолини олдиндан оголлатириш механизмларини жорий этиш ва профилактик чораларни амалга оширишга қарор қилинди.

Танара ТОШМАТОВА,
Шамсиддин ҚОРАБОЕВ
олган сурат.

Figure 7. The project was covered on the local media.

The inception meeting conclusion was published at UNDP Uzbekistan [website](#) and consultation meetings were presented on the local TV channel [FARG'ONA MTRK](#)

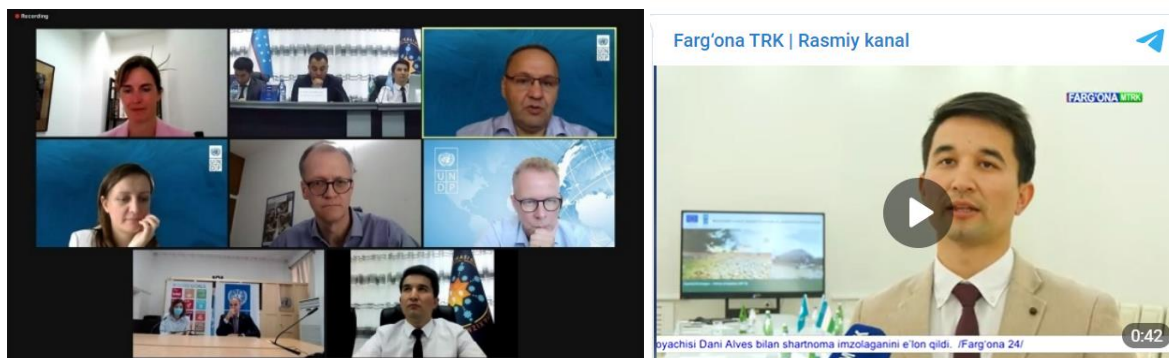


Figure 8. The Inception Workshop and the Steering Committee Meeting (left). The project was covered on the local media (right).

7. Update on Risk and Mitigation Measures

More detail information on risk management is in the below table:

Risk	Type	Impact in the reporting period	Risk Level (H/M/L)	Risk management strategy in the reporting period	Risk owner
Political risks/non-conducive political context. In the region of operation, there are some protracted conflicts that could create challenges to regional co-operation, such as border tensions between participating countries, as well as the political instability in Afghanistan.	Political	Political changes may provoke the exclusion of one of the countries from the project. Policy priorities suffer sudden and radical changes that may impact Objective of the project. Within the reported period, the border tensions between 2 participating countries began in April 2021, resulting in certain challenges while discussing the project objective and activities within the cross-regional context.	M	This risk is addressed through close coordination with national authorities in each country to help deliver the necessary information to the governmental officials in the related departments. Regular political dialogue with the countries of the region will be used to help preventing and minimizing this risk. If need be, there will be flexibility in reallocating resources to other countries if activities are at the country level. Within the reported period, the project has closely monitored the political situation and followed up with the government focal points to minimize delays in processing of the project endorsement.	UNDP, Regional PM, Heads of National Coordination Units
The effects of the COVID-19 outbreak in the programme countries	Other	Health problems among the project staff, target communities and stakeholders. Difficulties with the organization of meetings, workshop, trainings.	H	The project team will closely monitor the situation and organize regular online meetings, while ensuring regular coordination calls, delegation of tasks and responsibilities between the regional and country teams.	UNDP IRH, COs
Project complexity and a broad scope related to the extended network of institutional partners, the geographical, social, political and economic diversity, and sensitivity	Other	Such a complexity and broad scope may affect the project implementation with respect to the adequacy of allocated resources, work plans and stakeholder engagement.	M	Development and implementation of the Action is based upon strong national ownership, a consensus regarding priorities, expected results and shared responsibilities, pro-active participation of all partners in the planning and implementation.	UNDP IRH, COs

8. Challenges, Lessons Learned and Recommendations

In the reporting period, the major risks in all 3 participating countries were linked with escalation of travel restrictions and COVID-19 outbreak, impacting the project activities especially in the field. The project team shifted to online mode of work and engaged with local experts on the ground as much as possible especially for the outreach activities.

Furthermore, the border tensions began between 2 participating countries in April 2021 and resulted in certain challenges while discussing the project objective and activities within the cross-regional context. The project has closely monitored the political situation and followed up with the government focal points to minimize delays in processing of the project endorsement.

Furthermore, following recommendations are critical for future activities planned in 2022:

1. The organization of public hearings by the coordination team with involvement of experts and public authorities remains important and has to be emphasized in future activities planned for 2022;
2. Practical actions have to be based on the trainings and information, where the local population is aware about all operations implemented regarding improvement of an ecological situation in the pilot areas;
3. Special attention should be given to educate and inform youth, women, teachers and medical staff on radioactive safety in a more targeted way.

Annex 1: Monitoring and Evaluation

Monitoring Activity	Purpose	Frequency	Implemented Action	Involved
Project Report	A progress report will be presented to the EC, project board and key stakeholders.	Annually	The first-year progress report will be submitted to EC in February 2022. The project also will present results to the project board and key stakeholders, covering the inception period of 01 December 2020 – 30 November 2021.	IRH, UNDP COs, EC
Track results progress	Progress data against the results indicators in the RRF will be collected and analysed to assess the progress of the project in achieving the agreed outputs.	At least annually	Slower than expected progress will be addressed by project management. In the inception phase and along the implementation, variety of tools and methods will be applied to regularly assess both quantitative and qualitative progress indicators	IRH, UNDP CO
Monitor and Manage Risk	Identify specific risks that may threaten achievement of intended results. Identify and monitor risk management actions using a risk log. This includes monitoring measures and plans that may have been required as per UNDP's Social and Environmental Standards. Audits will be conducted in accordance with UNDP's audit policy to manage financial risk.	In accordance with UNDP's audit policy to manage financial risk.	Risks are identified by project management and actions are taken to manage risk. The risk log is actively maintained in Atlas to keep track of identified risks and actions taken.	IRH, UNDP CO
Annual Project Quality Assurance	The quality of the project will be assessed against UNDP's quality standards to identify project strengths and weaknesses and to inform management decision making to improve the project.	Semi-annually	Areas of strength and weakness will be reviewed by project management and used to inform decisions to improve project performance.	IRH, UNDP CO
Project Review (Project Steering Committee)	The project's governance mechanism (i.e., project Steering Committee) will hold regular project reviews to assess the performance of the project and review the Multi-Year Work Plan to ensure realistic budgeting over the life of the project.	At least annually	Performance data, risks, lessons and quality will be discussed by the project board and used to make course corrections. In the reporting period the board meetings were organized on 15 September 2021.	EC, IRH, UNDP CO, beneficiary governments

Annex 2: Indicator Progress Matrix

OUTPUTS	OUTPUT INDICATORS	BASELINE (2020)	TARGET	PROGRESS	COMMENTS
			Year 1, 2021	Year 1, 2021	Reporting period (01 December 2020 – 30 November 2021)
Output 1. Enhanced knowledge base and capacities to identify and assess climate-driven resilience risks in Kyrgyz Republic, Tajikistan, and Uzbekistan with focus on Ferghana Valley	<i>1.1. Status of national climate change and resilience assessments</i>	N/A	2 national assessments initiated	In progress – started with 3 national level policy gap analysis.	Assessment methodology has been designed for all programme countries.
	<i>1.2. Number of sectoral specialists who increased their knowledge on sectoral interlinkages between climate change resilience and vital sectors up to a level allowing them to feed optimally the decision makers' regional dialogue (disaggregated by sex and country)</i>	0	0	In progress – the project initiated the work on climate risk and vulnerability assessment. (Note: A training concept developed on climate-water-energy-food nexus – linked to Act. 1.3 and indirectly contributes to indicator 1.2.)	The regional high-level dialogue will be held in Tashkent in 2022.
Output 2. Technical assistance on the introduction of climate resilience risks into national policies, climate change adaptation and development strategies and plans in the Kyrgyz Republic, Tajikistan, and Uzbekistan provided.	<i>2.1. Number of strategic documents (policies, strategies and plans) for priority sectors (climate-related resilience, civil protection, environment and development) reviewed and revised to mainstream climate-fragility risks and adaptation measures with the assistance of the intervention (disaggregated by country) (matching EURF 2.19 (a))</i>	0	0	In progress – TORs are being prepared. Please note that this activity will start following the results of Activity 1.2.	Strategic documents to mainstream climate risks and resilience will be defined in 2022. Please also note that the project participated in the Water Code development in Uzbekistan and Basin Councils in Tajikistan

Output 3. Opportunities to promote regional exchange and awareness on climate resilience created	<i>3.2 Level of awareness on climate - related implications among national decision makers</i>	<i>TBD (Baseline to be established during the Year 1 of the project through a stakeholder survey)</i>	No change from baseline	In progress – TORs are being prepared. Tajikistan initiated the preparatory work to conduct the baseline survey. Stakeholder survey is being prepared.	Due to unforeseen delays baseline to be established in 2022 through a stakeholder survey.
Output 4. Enhanced climate-related early warning and prevention measures demonstrated at pilot site/s in Ferghana valley	<i>4.1. Status of community early warning system/s within Ferghana valley</i>	<i>Does not exist</i>	Local high-risk communities for piloting community-based EWS (CBEWS) identified; CBEWS concept developed	In progress – TORs are being developed and initial site visits organized in Uzbekistan to identify high risk communities.	Climate risks and vulnerability will be conducted in 2022.
	<i>4.2. Status of availability of information and awareness materials on climate-fragility risks among communities across Ferghana valley (disaggregated by country)</i>	<i>No information materials produced by the project</i>	Information/ awareness needs defined	In progress – prepared project factsheet, roll-up, and visibility materials.	This activity in process and reported in the next period. The project will design information materials on climate-fragility risks in 2022.
	<i>4.3 Number of local communities engaged in participatory adaptation planning and resilience building</i>	<i>0</i>	TBD (Target to be established during Year 1 upon identification of pilot sites).	In progress.	Target to be established in 2022 based on the baseline assessment findings and identification of the pilot sites.

Annex 3: Financial Report

First interim financial report (1/12/2020-30/11/2021)

		Provisional Budget of the Action as per the Annex III					Financial Interim Report 01/12/2020 - 30/11/2021		
Output	Description	Amount Year 1 (US\$)	Amount Year 2 (US\$)	Amount Year 3 (US\$)	Amount Year 4 (US\$)	TOTAL (US\$)	Actual Expenses (US\$)	Legal Commitments (US\$)	Combined Actual Expenses + Plus Legal Commitments (US\$)
Output 1									
Enhanced knowledge base and capacities to identify and assess climate-driven resilience risks	International Consultants	\$10,000.00	\$10,000.00	-	-	\$20,000.00			-
	Local Consultants	\$88,000.00	\$58,000.00	-	-	\$146,000.00	\$1,332.80	\$15,340.00	\$16,672.80
	Travel	\$15,000.00	\$15,000.00	-	-	\$30,000.00			-
	Miscellaneous Expenses	\$1,000.00	\$900.00	-	-	\$1,900.00			-
	Training, Workshops and Conference	\$41,000.00	\$41,000.00	-	-	\$82,000.00			-
	Audio Visual & Print Prod Costs	\$6,000.00	\$6,000.00	-	\$4,000.00	\$16,000.00			-
Total Output 1		\$161,000.00	\$130,900.00	-	\$4,000.00	\$295,900.00	\$1,332.80	\$15,340.00	\$16,672.80
Output 2									
Technical assistance on the introduction of climate resilience risks into national policies, climate change adaptation and development strategies and plans provided	International Consultants	\$16,000.00	-	-	-	\$16,000.00			-
	Local Consultants	\$32,500.00	\$32,500.00	\$38,500.00	\$38,500.00	\$142,000.00			-
	Contractual Services - Individ	\$36,000.00	\$36,000.00	\$36,000.00	\$36,000.00	\$144,000.00			-
	Travel	-	\$12,000.00	\$23,522.24	\$24,000.00	\$59,522.24			-
	Audio Visual & Print Prod Costs	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$16,000.00			-
	Training, Workshops and Conference	\$9,500.00	\$12,500.00	\$22,000.00	\$22,000.00	\$66,000.00			-
	Miscellaneous Expenses	-	\$700.00	\$1,000.00	\$1,000.00	\$2,700.00			-
	Staff	\$20,035.00	\$20,035.00	\$20,035.00	\$20,035.00	\$80,140.00			-
Total Output 2		\$116,035.00	\$115,735.00	\$147,057.24	\$147,535.00	\$526,362.24	-	-	-
Output 3									
Opportunities for enhanced regional exchange and awareness on climate resilience created	International Consultants	-	-	-	\$14,000.00	\$14,000.00			-
	Local Consultants	\$19,500.00	\$18,000.00	\$18,000.00	-	\$55,500.00		\$6,000.00	\$6,000.00
	Contractual Services - Individ	-	-	-	-	-			-
	Audio Visual & Print Prod Costs	\$6,000.00	\$5,000.00	\$5,000.00	\$8,000.00	\$24,000.00			-
	Travel	\$31,000.00	\$19,000.00	\$20,000.00	\$31,000.00	\$101,000.00			-
	Miscellaneous Expenses	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$4,000.00	\$26.61		\$26.61
	Training, Workshops and Conference	\$20,000.00	\$22,000.00	\$22,000.00	\$20,000.00	\$84,000.00			-
	Salary costs	\$17,927.00	\$17,927.00	\$17,927.00	\$17,927.00	\$71,708.00			-
Total Output 3		\$95,427.00	\$82,927.00	\$83,927.00	\$91,927.00	\$354,208.00	\$26.61	\$6,000.00	\$6,026.61
Output 4									
Enhanced climate-related early warning and prevention measures demonstrated at pilot site/s	International Consultants	\$16,000.00	-	-	-	\$16,000.00			-
	Local Consultants	\$28,000.00	\$22,000.00	-	-	\$50,000.00			-
	Contractual Services - Individ	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$140,000.00			-
	Travel	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$24,000.00			-
	Contractual Services - Companies	\$4,000.00	\$3,800.00	\$3,000.00	-	\$10,800.00			-
	Grants	-	\$200,000.00	\$262,000.00	\$120,000.00	\$582,000.00			-
		-	\$105,000.00	\$150,000.00	\$60,000.00	\$315,000.00			-

	Audio Visual & Print Prod Costs	\$6,000.00	\$7,000.00	\$7,000.00	\$7,102.00	\$27,102.00			-
	Miscellaneous Expenses	\$660.00	\$2,000.00	\$2,000.00	\$1,000.00	\$5,660.00			-
	Staff	\$22,715.00	\$22,715.00	\$22,715.00	\$22,715.00	\$90,860.00			-
	Total Output 4	\$118,375.00	\$403,515.00	\$487,715.00	\$251,817.00	\$1,261,422.00	-	-	-
Output 5									
Project Management	Supplies	\$1,565.43	\$1,500.00	\$1,500.00	\$1,500.00	\$6,065.43	\$568.55		\$568.55
	Information Technology Equipmt	\$23,000.00	-	-	-	\$23,000.00	\$3,670.05	\$4,262.00	\$7,932.05
	Rental & Maintenance-Premises	\$2,800.00	\$2,800.00	\$2,800.00	\$2,300.00	\$10,700.00			-
	Miscellaneous Expenses	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$4,800.00	\$9.75		\$9.75
	Contractual Services - Individ	\$102,969.44	\$103,369.44	\$103,369.44	\$103,369.44	\$413,077.76	\$4,874.85		\$4,874.85
	Travel	\$8,700.00	\$8,700.00	\$8,700.00	\$8,700.00	\$34,800.00	\$368.29		\$368.29
	Audit/Evaluation	\$4,500.00	\$4,500.00	\$4,500.00	\$33,000.00	\$46,500.00			-
	Salary costs	\$7,441.20	\$7,441.20	\$7,441.20	\$7,441.20	\$29,764.80			-
	Total Output 5	\$152,176.07	\$129,510.64	\$129,510.64	\$157,510.64	\$568,707.99	\$9,491.49	\$4,262.00	\$13,753.49
Total direct project costs		\$643,013.07	\$862,587.64	\$848,209.88	\$652,789.64	\$3,006,600.23	\$10,850.90	\$25,602.00	\$36,452.90
Total Remuneration (GMS) 7%		\$45,010.91	\$60,381.13	\$59,374.69	\$45,695.27	\$210,462.02	\$759.56	\$1,792.14	\$2,551.70
GRAND TOTAL PROJECT COST		\$688,023.98	\$922,968.77	\$907,584.57	\$698,484.91	\$3,217,062.25	\$11,610.46	\$27,394.14	\$39,004.60

Of the \$39,004.60 presented above \$11,610.46 corresponds to eligible expenses (as per IPSAS terminology) and \$27,394.14 represents legal commitments currently in force between UNDP (or UNDP's implementing partners) and a third party.

Description	Amount US\$
The Total Cost of action as per article 3.1 Special Conditions	3,217,062.25
The EU Contribution in US\$ as per article 3.1 Special Conditions	2,925,500.00
The EU Prefinancing in US\$ (received on 15 December 2020)	615,100.00
The Total Project Costs (reporting period)	39,004.60
The % of Total Costs Vs the EU pre-financing (1st installment)	6.34%
Request of Second pre-financing as per SC art 4.2	N/A

Annex 4: A Workplan with Budget Estimates for 2022

EXPECTED OUTPUTS	PLANNED ACTIVITIES	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET US\$					CO- FUNDING Amount US\$
		Q1 2022	Q2 2022	Q3 2022	Q4 2022		Funding Source	Budget Description	Y2022	2 nd instalment (to be received)	Y2022 total	
Output 1. Enhanced knowledge base and capacities to identify and assess climate-driven resilience risks in the Kyrgyz Republic, Tajikistan, and Uzbekistan with focus on Ferghana Valley <i>Indicators:</i> 1.1. Status of national climate change and resilience assessments <u>Baseline (2020):</u> n/a <u>Y1 target:</u> at least 2 national assessments initiated. <u>Y2 target:</u> 3 national assessments under development. 1.2. Number of sectoral specialists who increased their knowledge on sectoral interlinkages between climate change resilience and vital sectors up to a level allowing	Activity 1.1. Systematic review and screening of national climate change and resilience assessments/strategies/plans and climate information tools, as part of a gap analysis.	X	X			UNDP Kyrgyzstan	EC	71300 Local Consultants	\$15,000.00	\$10,000.00	\$25,000.00	
	(i) Recruitment of local consultants to deliver systematic review and screening of national climate change and resilience assessments/strategies/plans and climate information tools and carry out participatory risk assessment.					UNDP Tajikistan	EC	71300 Local Consultants	\$7,500.00	\$10,000.00	\$17,500.00	
						UNDP Uzbekistan	EC	71300 Local Consultants	\$8,680.00	\$9,000.00	\$17,680.00	
	Activity 1.2. Undertaking participatory assessments through structured national and regional consultations to discuss climate change resilience implications and to identify hot-spot areas within the Ferghana Valley, thus supporting consensus-building on possible adaptation measures.	X	X	X	X	UNDP Kyrgyzstan	EC	71300 Local Consultants	\$15,000.00	\$10,000.00	\$25,000.00	
	(i) Recruitment of consultant to support/validate gender-responsive risk and vulnerability assessment, assessment of gaps in CI and EWS (Regional level).							71600 Travel	\$2,500.00	\$2,500.00	\$5,000.00	
								75700 Workshops & Conferences	\$7,500.00	\$7,500.00	\$15,000.00	
								74500 Miscellaneous	\$500.00	\$400.00	\$900.00	
						UNDP Tajikistan	EC	71300 Local Consultants	\$11,500.00	\$7,000.00	\$18,500.00	
								71600 Travel	\$2,500.00	\$2,500.00	\$5,000.00	
								75700 Workshops & Conferences	\$7,500.00	\$7,500.00	\$15,000.00	

<i>them to feed optimally the decision makers' regional dialogue (disaggregated by sex and country)</i> <u>Baseline (2020): 0</u> <u>Y1 target: 0</u> <u>Y2 target: 30</u>	(ii) Regional and national working-level consultations to identify hotspot areas with conceivable adaptation measures in the Ferghana Valley, including participation of local communities.					UNDP Uzbekistan	EC	71300 Local Consultants 71600 Travel 75700 Workshops & Conferences 74500 Miscellaneous	\$17,000.00 \$500.00	\$9,000.00 \$2,500.00 \$6,000.00 \$500.00	\$26,000.00 \$2,500.00 \$6,000.00 \$1,000.00		
						UNDP IRH	EC	71200 International Consultants	\$10,000.00	\$10,000.00	\$20,000.00		
	Activity 1.3. Technical trainings for national counterparts/ stakeholders on sectoral interlinkages between climate change resilience and vital sectors such as water, energy, health, food	X	X	X	X	UNDP Kyrgyzstan	EC	75700 Workshops & Conferences 71600 Travel	\$7,500.00 \$2,500.00	\$7,500.00 \$2,500.00	\$15,000.00 \$5,000.00		
						UNDP Tajikistan	EC	71300 Local Consultants 75700 Workshops & Conferences 71600 Travel	\$5,000.00 \$7,500.00 \$2,500.00	\$3,000.00 \$7,500.00 \$2,500.00	\$8,000.00 \$15,000.00 \$5,000.00		
						UNDP Uzbekistan	EC	75700 Workshops & Conferences 71600 Travel	\$11,000.00 \$3,000.00	\$5,000.00 \$2,500.00	\$16,000.00 \$5,500.00		
	Activity 1.4. Improving public awareness on climate-induced risks and resilience building through, inter alia, awareness raising activities and effective knowledge exchange activities, with special attention to marginalized groups.	X	X	X	X	UNDP Kyrgyzstan	EC	74200 Audio Visual & Print Prod Costs	\$2,000.00	\$2,000.00	\$4,000.00		
						UNDP Tajikistan	EC	74200 Audio Visual & Print Prod Costs	\$1,400.00	\$2,000.00	\$3,400.00		
						UNDP Uzbekistan	EC	74200 Audio Visual & Print Prod Costs	\$2,000.00	\$2,000.00	\$4,000.00		
	(i) Development of training modules and country level trainings to national project teams and stakeholders on sectoral linkages between climate change and specific sectoral impacts such as water, energy, health, food, etc.												
	(i) Production of publication and printing materials and dissemination as part of a set of capacity building activities.												
Sub-total UNDP Kyrgyzstan									\$52,500.00	\$42,400.00	\$94,900.00		
Sub-total UNDP Tajikistan									\$45,400.00	\$42,000.00	\$87,400.00		

	Sub-total UNDP Uzbekistan							\$42,180.00	\$36,500.00	\$78,680.00			
	Sub-total UNDP IRH							\$10,000.00	\$10,000.00	\$20,000.00			
	SUB-TOTAL for Outcome 1							\$150,080.00	\$130,900.00	\$280,980.00			
Output 2. Technical assistance on the introduction of climate resilience risks into national policies, climate change adaptation and development strategies and plans in the Kyrgyz Republic, Tajikistan, and Uzbekistan provided. <i>Indicators:</i> 2.1. Number of strategic documents (policies, strategies and plans) for priority sectors (climate-related resilience, civil protection, environment and development) reviewed and revised to mainstream climate-fragility risks and adaptation measures with the assistance of the intervention (disaggregated by country) (matching EURF 2.19 (a)) <u>Baseline (2020): 0</u> <u>Y1 target: 0</u> <u>Y2 target: 3</u> 2.2. Number of national and basin-wide water policies and river basin management plans that mainstream climate-fragility risks with the assistance of the intervention <u>Baseline (2020): 0</u> <u>Y1 target: 0</u>	Activity 2.1. Support to national and sectoral adaptation planning: mainstreaming climate-fragility risks and resilience building measures into key strategic documents (policies, strategies, and plans) for priority sectors (i) Contractual services (international/local experts) to develop recommendations on enhanced climate resilient policies, strategies and plans. (ii) Recruitment of national consultants to support policy mainstreaming work and consultations with stakeholders.	X	X	X	X	UNDP Kyrgyzstan	EC	71300 Local Consultants	\$9,000.00	\$9,000.00	\$18,000.00	\$16,216.00	
								71400 Service Contracts – individual.	\$12,000.00	\$12,000.00	\$24,000.00		
								75700 Workshops & Conferences	\$3,000.00	\$5,000.00	\$8,000.00		
								71600 Travel		\$4,000.00	\$4,000.00		
								74500 Misc.		\$300.00	\$300.00		
								61300 Staff					
						UNDP Tajikistan	EC	71300 Local Consultants	\$9,500.00	\$7,500.00	\$17,000.00		\$7,854.00
								71400 Service Contracts – individual	\$12,000.00	\$12,000.00	\$24,000.00		
								75700 Workshops & Conferences	\$3,500.00	\$3,500.00	\$7,000.00		
								71600 Travel		\$4,000.00	\$4,000.00		
								61300 Staff					
						UNDP Uzbekistan	EC	71300 Local Consultants	\$4,000.00	\$5,000.00	\$9,000.00		
		71400 Service Contracts – individual.	\$12,000.00	\$12,000.00	\$24,000.00								
		75700 Workshops & Conferences	\$1,000.00	\$2,000.00	\$3,000.00								
		71600 Travel		\$4,000.00	\$4,000.00								
		7500 misc.		\$400.00	\$400.00								
		61300 Staff											
		UNDP IRH	EC	71200 International Consultants	\$8,000.00		\$8,000.00						

<u>Y2 target: 1</u> 2.3. Number of national decisionmakers and stakeholders who increased their knowledge on climate-induced resilience impacts, climate change adaptation and conflict prevention up to a level allowing them to contribute to the regional dialogue (disaggregated by sex and country) <u>Baseline (2020): 0</u> <u>Y1 target: TBD</u> <u>Y2 target: TBD</u>	Activity 2.2. Supporting water policies and river basin management plans in all three countries to improve sustainable use of water resources in Ferghana Valley (i) Recruitment of international and national consultants to support/validate water management plans and sectoral policy documents, deliver training.	X	X	X	X	UNDP Uzbekistan	EC	71300 Local Consultants	\$5,000.00	\$4,000.00	\$9,000.00	
						UNDP IRH	EC	71200 International Consultants	\$8,000.00		\$8,000.00	
						UNDP Tajikistan	EC	71300 Local Consultants	\$5,000.00	\$7,000.00	\$12,000.00	
	Activity 2.3. Conducting regional training workshops for national decision-makers and institutional stakeholders on climate-induced resilience impacts, climate change adaptation and resilience building measures. (i) Organizing the first regional training workshop which will be hosted by UNDP Uzbekistan.	X	X	X	X	UNDP Uzbekistan	EC	75700 Workshops & Conferences 74200 Audio Visual and Print Prod Costs	\$2,000.00 \$2,000.00	\$2,000.00 \$2,000.00	\$4,000.00 \$4,000.00	
	Sub-total UNDP Kyrgyzstan								\$24,000.00	\$30,300.00	\$54,300.00	\$16,216.00
	Sub-total UNDP Tajikistan								\$30,000.00	\$34,000.00	\$64,000.00	\$7,854.00
	Sub-total UNDP Uzbekistan								\$26,000.00	\$31,400.00	\$57,400.00	\$16,000.00
	Sub-total UNDP IRH								\$16,000.00		\$16,000.00	
	SUB-TOTAL for Outcome 2								\$96,000.00	\$95,700.00	\$191,700.00	\$40,070.00
Output 3. Opportunities to promote regional exchange and awareness on climate resilience created Indicators: 3.1. Number of decisionmakers engaged through high-level regional events on climate-fragility risks conducted by the project (disaggregated by sex and country) <u>Baseline (2020): 0</u> <u>Y1 target: TBD</u> <u>Y2 target: TBD</u>	Activity 3.1. Three high-level regional events / policy dialogues on climate-resilience risks with participation of stakeholders from five Central Asian countries. (i) Organizing the first high level regional event/policy dialogue on climate resilience risks.	X			X	UNDP Uzbekistan	EC	75700 Workshops & Conferences 71600 Travel 74500 Miscellaneous	\$12,000.00 \$5,390.00 \$1,000.00	\$3,000.00 \$4,000.00 \$1,000.00	\$15,000.00 \$9,390.00 \$2,000.00	
						UNDP Tajikistan	EC	71600 Travel	\$5,000.00	\$4,000.00	\$9,000.00	
						UNDP Kyrgyzstan	EC	71300 Local Consultants 71600 Travel	\$6,000.00 \$8,000.00	\$6,000.00 \$3,000.00	\$12,000.00 \$11,000.00	
						UNDP Tajikistan	EC	71300 Local Consultants	\$1,000.00	\$6,000.00	\$6,000.00	
	Activity 3.2. Information meetings and workshops in each project country to build understanding and awareness at national level amongst high-level decision-makers and key stakeholders of	X	X	X	X							

3.2. Level of awareness on climate -related implications among national decision makers <u>Baseline (2020):</u> TBD¹ <u>Y1 target:</u> No change from baseline. <u>Y2 target:</u> N/A to be measured in Y4. 3.3. Status of the regional knowledge sharing practice <u>Baseline (2020):</u> Doesn't exist. <u>Y1 target:</u> TORs/ Concept/ Action Plan for the regional knowledge sharing practice. <u>Y2 target:</u> Regional knowledge sharing practice established.	climate risks and corresponding adaptation measures.							75700 Workshops & Conferences 71600 Travel 61300 Staff	\$3,000.00		\$1,000.00	
	(i) Recruitment of local experts to support sub-regional and national awareness building platform and knowledge sharing practice, including stakeholder consultations and surveys conducted.								\$3,000.00		\$6,000.00	\$7,854.00
						UNDP Uzbekistan	EC	71300 Local Consultants 61300 Staff	\$10,000.00	\$6,000.00	\$16,000.00	\$28,000.00
						UNDP IRH	EC	71600 Travel	\$5,000.00	\$5,000.00	\$10,000.00	
	Activity 3.3. Preparing outreach information and awareness materials reflecting the outcomes of the participatory assessments in each project country.	X	X	X	X	UNDP Kyrgyzstan	EC	74200 Audio Visual and Print Prod Costs	\$1,000.00	\$1,000.00	\$2,000.00	
	(i) Production of publications and printing materials					UNDP Tajikistan	EC	74200 Audio Visual and Print Prod Costs	\$1,000.00	\$1,000.00	\$2,000.00	
						UNDP Uzbekistan	EC	74200 Audio Visual and Print Prod Costs	\$1,000.00	\$1,000.00	\$2,000.00	
						UNDP IRH	EC	74200 Audio Visual and Print Prod Costs	\$3,000.00	\$2,000.00	\$5,000.00	
	Activity 3.4. Developing a regional knowledge sharing practice through a series of regular thematic webinars on climate-related fragility risks.	X	X	X	X	UNDP Kyrgyzstan	EC	75700 Workshops & Conferences	\$3,000.00	\$16,000.00	\$19,000.00	
	(i) Organizing webinars to set up a concept for the regional climate change dialogue and the regional knowledge platform.					UNDP Tajikistan	EC	75700 Workshops & Conferences	\$2,000.00	\$3,000.00	\$5,000.00	
						UNDP Uzbekistan	EC	75700 Workshops & Conferences	\$4,000.00		\$4,000.00	
						Sub-total UNDP Kyrgyzstan			\$18,000.00	\$26,000.00	\$44,000.00	
						Sub-total UNDP Tajikistan			\$12,000.00	\$17,000.00	\$29,000.00	\$7,854.00
						Sub-total UNDP Uzbekistan			\$33,390.00	\$15,000.00	\$48,390.00	\$28,000.00
						Sub-total UNDP IRH			\$8,000.00	\$7,000.00	\$15,000.00	
						SUB-TOTAL for Outcome 3			\$71,390.00	\$65,000.00	\$136,390.00	\$35,854.00

¹ Baseline to be established during the Year 1 of the project through a stakeholder survey.

Output 4. Enhanced climate-related early warning and prevention measures demonstrated at pilot site/s in Ferghana valley <i>Indicators:</i> 4.1. Status of community early warning system/s within Ferghana valley <u>Baseline (2020):</u> n/a <u>Y1 target:</u> Local high-risk communities for piloting community based EWS (CBEWS) identified; CBEWS concept developed <u>Y2 target:</u> CBEWS designed.	Activity 4.1. Community-based climate-related risk and vulnerability assessments and participatory adaptation and resilience planning for selected pilot communities in three pilot transboundary hot-spots. Developing preparedness and response plans for pilot communities. (i) Recruitment of an international consultant to provide advice and guidance and to validate design of the community resilience pilot projects (commissioned by regional PMU/Uzb). (ii) Recruitment of national consultants to support community-based climate-related risk and vulnerability assessments and participatory adaptation and resilience planning	X	X			UNDP IRH	EC	71200 International Consultants	\$16,000.00		\$16,000.00	
						UNDP Kyrgyzstan	EC	71300 Local Consultants 72600 Grants 71600 Travel	\$10,000.00 \$2,000.00	\$8,000.00 \$100,000.00 \$2,000.00	\$18,000.00 \$100,000.00 \$4,000.00	
						UNDP Tajikistan	EC	71300 Local Consultants 72600 Grants 71600 Travel	\$10,000.00 \$2,000.00	\$8,000.00 \$100,000.00 \$2,000.00	\$18,000.00 \$100,000.00 \$4,000.00	
						UNDP Uzbekistan	EC	71300 Local Consultants 71600 Travel	\$5,200.00 \$1,630.00	\$6,000.00 \$2,000.00	\$11,200.00 \$3,630.00	
						UNDP Kyrgyzstan	EC	71400 Service Contracts – Ind. 61300 Staff	\$12,000.00	\$12,000.00	\$24,000.00	\$15,534.00
	Activity 4.2. Implementing/enhancing community-based early warning and last mile communication on climate-induced extreme events and disasters at selected pilot communities (i) Contractual services for establishing community based EWS.	X	X	X	X	UNDP Tajikistan	EC	71400 Service Contracts – Ind. 61300 Staff	\$12,000.00	\$12,000.00	\$24,000.00	\$13,896.00
						UNDP Uzbekistan	EC	72100 Contractual services – Companies 72200 Equipment	\$4,000.00	\$3,800.00 \$105,000.00	\$7,800.00 \$105,000.00	
	Activity 4.3. Implementing adaptation and risk reduction measures to enhance climate resilience of the identified communities in the transboundary hotspots (i) Contractual services to support/initiate local resilience building projects	X	X	X	X	UNDP Uzbekistan	EC	71400 Service Contracts – Ind. 61300 Staff	\$11,000.00	\$11,000.00	\$22,000.00	\$13,960.00
	Activity 4.4. Developing and distributing information and awareness materials on the climate change and resilience	X	X	X	X	UNDP Uzbekistan	EC	74200 Audio Visual Print Prod Costs	\$2,000.00	\$2,000.00	\$4,000.00	
								74500 Miscellaneous	\$330.00	\$1,000.00	\$1,330.00	
	4.2. Status of availability of information and awareness materials on climate-fragility risks among communities across Ferghana valley (disaggregated by country) <u>Baseline (2020):</u> No information materials produced by the project. <u>Y1 target:</u> Information/awareness needs defined. <u>Y2 target:</u> Information awareness materials designed.											
	4.3. Number of local communities engaged in participatory adaptation planning and resilience building <u>Baseline (2020):</u> 0 <u>Y1 target:</u> TBD (target to be established upon identification of pilot sites.) <u>Y2 target:</u> TBD											

	across pilot transboundary hot-spot areas (i) Production of publications and community awareness materials as well as miscellaneous supplies.						UNDP Kyrgyzstan	EC	74200 Audio Visual Print Prod Costs 74500 Miscellaneous	\$2,000.00 \$330.00	\$3,000.00 \$1,000.00	\$5,000.00 \$1,330.00	
							UNDP Tajikistan	EC	74200 Audio Visual Print Prod Costs	\$2,000.00	\$2,000.00	\$4,000.00	
							Sub-total UNDP Kyrgyzstan			\$26,330.00	\$126,000.00	\$152,330.00	\$15,534.00
							Sub-total UNDP Tajikistan			\$26,000.00	\$124,000.00	\$150,000.00	\$13,896.00
							Sub-total UNDP Uzbekistan			\$24,160.00	\$130,800.00	\$154,960.00	\$13,960.00
							Sub-total UNDP IRH			\$16,000.00		\$16,000.00	
							SUB-TOTAL for Outcome 4			\$92,490.00	\$380,800.00	\$473,290.00	\$43,390.00
Output 5. management (Including communications, and reporting)	Project M&E, visibility	(i) Quality assurance, M&E, reporting, coordination calls, regional exchange	X	X	X	X	UNDP IRH UNDP COs	EC	N/A	N/A			
		(ii) Project Team recruited (RPM, NCs, Regional and National Project Assistants)	X				UNDP Kyrgyzstan	EC	72500 Supplies 72800 IT Equipment 73100 Rental & Mainten. Premises 74500 Miscellaneous 71400 Contractual Services – Indiv 71600 Travel 74100 Audit – Evaluation 61300 Staff	\$472.00 \$4,000.00 \$1,000.00 \$400.00 \$27,000.00 \$3,000.00 \$1,500.00	\$500.00 \$1,000.00 \$400.00 \$27,000.00 \$3,000.00 \$1,500.00	\$972.00 4,000.00 \$2,000.00 \$800.00 \$54,000.00 \$6,000.00 \$3,000.00	\$4,486.40
							UNDP Tajikistan	EC	72500 Supplies 73100 Rental & Mainten. Premises 74500 Miscellaneous 71400 Contractual Services – Indiv	\$500.00 \$1,000.00 \$708.88 \$26,600.00	\$500.00 \$1,000.00 \$400.00 \$27,000.00	\$500.00 \$2,000.00 \$1,108.88 \$53,600.00	

								71600 Travel	\$2,700.00	\$2,700.00	\$5,400.00	\$6,396.00		
								74100 Audit – Evaluation	\$1,500.00	\$1,500.00	\$3,000.00			
								61300 Staff						
								UNDP Uzbekistan	EC	72500 Supplies	\$2,000.00	\$500.00	\$2,500.00	\$10,000.00
										72800 IT Equipment	\$8,400.00		\$8,400.00	
										73100 Rental & Mainten. Premises	\$800.00	\$800.00	\$1,600.00	
										74500 Miscellaneous	\$375.00	\$400.00	\$775.00	
										71400 Contractual Services – Indiv	\$37,867.93	\$49,369.44	\$87,237.37	
										71600 Travel	\$3,000.00	\$3,000.00	\$6,000.00	
										74100 Audit – Evaluation	\$1,500.00	\$1,500.00	\$3,000.00	
				61300 Staff										
Sub-total UNDP Kyrgyzstan								\$37,372.00	\$33,400.00	\$70,772.00	\$4,486.00			
Sub-total UNDP Tajikistan								\$32,508.00	\$33,100.00	\$65,608.88	\$6,396.00			
Sub-total UNDP Uzbekistan								\$53,942.93	\$55,569.44	\$109,512.37	\$10,000.00			
SUB-TOTAL for Outcome 5								\$123,823.81	\$122,069.44	\$245,893.25	\$20,882.00			
Total for UNDP Kyrgyzstan								\$158,202.00	\$258,100.00	\$416,302.00	\$36,236.00			
Total for UNDP Tajikistan								\$145,908.88	\$250,100.00	\$396,008.88	\$36,000.00			
Total for UNDP Uzbekistan								\$179,672.93	\$269,269.44	\$448,942.37	\$67,960.00			
Total for UNDP IRH								\$50,000.00	\$17,000.00	\$67,000.00				
Total								\$533,783.81	\$794,469.44	\$1,328,253.25	\$140,196.00			
GMS (7%)								\$37,364.87	\$55,612.86	\$92,977.73				
GRAND TOTAL								\$571,148.68	\$850,082.30	\$1,421,230.98				

Annex 5. Risk-log Estimations for 2022

Risk	Type	Estimated Impact	Risk Level (H/M/L)	Risk management strategy	Risk owner
Omicron variant of COVID-19 outbreak in the programme countries	Other	Travel restrictions and ban for organizing public events. Health problems among the project staff, target communities and stakeholders.	H	The project team will closely monitor the situation and organize regular online meetings, while ensuring regular coordination calls, delegation of tasks and responsibilities between the regional and country teams.	UNDP
Political instability in the programme countries and potential border conflicts between participating countries	Political	Delays in the project implementation due to the possible changes in the Govt and focal points.	M	The project team will closely monitor political situation in the region and work with the Govts to demonstrate benefits from the project implementation.	UNDP
Sensitivity of the subject and reluctance of the national and local officials to disclose climate risk-related information	Organizational	Limited information and possibilities for open evidence-based dialogues will hinder the project implementation	L	Involvement of influential stakeholders able to facilitate the achievement of compromise. Towards this end, the Action will demonstrate to those officials the concrete benefits of an adequate disclosure of climate-related risks at the national and community levels.	UNDP