

Readiness and Preparatory Support Interim Progress Report

Grant Agreement Number: TKM-RS-002

NDA/Delivery Partner Name: Ministry of Agriculture and Environmental Protection of Turkmenistan/UNDP

Sections in this report:

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- Section 6: Challenges, Lessons Learned, and Way Forward
- Annex: Subsequent Disbursement Request Form

For more information, please refer to the GCF Readiness and Preparatory Support Programme guidebook available online. Please submit the Interim Progress Report to opm@gcfund.org.

Interim Progress report should be prepared and signed by Delivery Partner and/or National Designated Authority (NDA).

Name and Title (DP): Ms Narine Sahakyan Position: UNDP Resident Representative	Signature: Receip	Date: 01.02.23
Name and Title (NDA): Mr. Berdi Berdiyev Position: Head of Department on Coordination of International Environment Cooperation and Projects, Ministry of Agriculture and Environmental Protection of Turkmenistan	Signature:	Date: 03.02. 23.



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EXECUTIVE SUMMARY

The current IPR is the fourth report since the project approval covering the period July - December 2022. By the end of this reporting period the project team was finally fully staffed. The Water Management Analyst (NPSA) joined the team in September. The last core team member, the Climate Change Analyst (NPSA), will assume her duties in January 2023.

During the current reporting period, the project entered into an active implementation stage. During the first Project Board Meeting on October 4, 2022, the team presented interim results of the first studies, such as the NAP Baseline Assessment, Gender Analysis, the Institutional Guidance for the NAP process and drafting a concept for the series of trainings on the assessment of climate change risks and good practices in adaptation planning. Conceptualization and implementation of every activity was carried out in close coordination with the national partner. Thus, each study was preceded by a series of stakeholder consultations with government authorities, representatives of civil society, academia, etc.

Initial workshops were organized in October-December 2022, namely:

- The Project Board meeting to present the preliminary results of ongoing studies, report on progress made to date, and present the work plan for 2023.
- A two-day CC awareness raising and capacity building <u>workshop</u> for decision-makers on "Climate change: risks, assessment, planning". This event was carried out on 10-11 November jointly with the IOM project "Turkmenistan: mainstreaming the migration, environment and climate change nexus into climate-related national planning processes" (Activity 1.1.3);
- A first private sector and civil society <u>dialogue</u> with GoT was organized on December 1, and centered on the role of the private sector in NAP (Activity 3.2.3);
- <u>Practical training</u> on the use of hydrological instruments OTT QLiner and OTT MF Pro. Hydrologists of Turkmen Hydromet from Lebap, Mary, Ahal, Balkan regions and Ashgabat convened in Turkmenabat for a theoretical overview and hands-on experience measuring the depth and velocity of Amudarya river (Activity 3.1.2); and
- A workshop was held to present international experience on coordination of adaptation actions, and options for a NAP coordination mechanism for Turkmenistan (Activity 1.1.1).

These workshops demonstrated the interest of different stakeholders in the NAP process, such as willingness to gain new technical skills in order to improve the quality of data, or share their own experience of adaptation actions, including challenges and possible solutions.

Planned activities:

In the next reporting period, the project plans to support the work of the Working Group on International Agreements on Climate Change under the Interdepartmental Commission on Environment Protection (Activity 1.1.1). During the work on Institutional Guidance, it was agreed that after strengthening the mandate and enlarging the composition of the WG it would be the right entity to take a leading role in coordinating CC adaptation at the national level. It is also planned to commence works on defining and establishing an M&E framework for adaptation actions (Activity 1.1.2). From February onwards, it is planned to deliver four awareness building seminars (Activity 1.1.3) and start with climate risks assessments (Activity 2.1.1.), and prioritization of risks (Activity 2.1.2.) in March 2023 at the latest, with announcement being posted in January 2023. The team will develop a ToR for a service provider company under Activity 2.1.3. The Project Team expects that the contract with the service provider under Activities 3.1.1., 3.1.3. and 3.1.4. will be ready in January 2023 with the scoping mission and preparation works completed in the first quarter of 2023. This will provide enough time to plan and deliver the first in the series of workshops for the members of Coordination Mechanism and water specialists of Ashgabat and Dashoguz regions by June 2023. It is also planned to



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conduct two trainings for the staff of Turkmen Hydromet: an online session by OTT Hydromet on data processing with QReview software and a practical training in the field on the use of SEBA measurement tools (Activity 3.1.2.). A service provider company will be identified and the work on design and delivery of private sector focused workshops and preparation of information products on climate change adaptation will start in the 1st quarter of 2023 (Activity 3.2.1. and 3.2.2.). Finally, it is envisaged to deliver four roundtable discussions on climate change adaptation between the representatives of government, private sector, civil society and academia, and develop respective summary reports (Activity 3.2.3.).

Lessons Learned:

• The <u>Climate change and awareness raising workshop</u> demonstrated that in-person workshops are more engaging and efficient. The project's international expert travelled to Turkmenistan, and with support from the national consultant has delivered an engaging seminar for the participants. An invitation to additional guest speakers from the FAO CACILM-II and UNDP Sustainable Cities project made the workshop more interesting. And, finally, cooperation with the IOM project enabled a presentation of the nexus of climate change and migration; and to attract additional participants from the State Migration Service.

Feedback from the session showed high levels of interest from the participants in the group work exercise. Participants enjoyed switching their roles from passive listeners to active decision makers. They were invited to study plausible scenarios in different sectors of economy, classify risks and reflect on the threats and opportunities in their respective sectors. The workshop was successful and extensively covered by UNDP communication channels and local media.

- Private sector, civil society and the GoT held a dialogue in December 2022, which was a successful event. There is an ongoing communication between government authorities and other stakeholders in the country. Likewise, the private sector is working closely with some research institutions regarding the irrigation systems. However, the event proved that in consideration of water resources management and topics of adaptation to climate change, there is a need to support a regular dialogue between the academia, higher education institutions and private companies as well as between government entities and private business. There is a high untapped potential to engage the private sector in the NAP process, and the NAP project will continue to work closely with the Union of Industrialists and Entrepreneurs of Turkmenistan as well as using its professional network, inviting more companies to share and document their good adaptation practices with consideration of interests of different groups of stakeholders, including women. There was an interest from the Global Water Partnership regional coordinator to support the organization and delivery of the next workshop. This option will be further explored and discussed with UNDP management in the next reporting period.
- While preparing a ToR for procurement of services for elaboration and delivery of trainings on integration of adaptation into water planning, it was decided to announce a call for a consortium of international and local companies in lieu of international service provider company for the following reasons: First, there are still travel limitations in place. This modality would allow a smooth implementation of some tasks by a local company with the remote guidance from an international counterpart. Second, since there is no expertise locally for implementation of complex assignments planned under the NAP project, this cooperation of international and local companies could be considered as an efficient capacity building measure for the local company and national experts.



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SECTION 1: GENERAL INFORMATION

This section provides information on completing the General Information of the Readiness Support Interim Progress Report template.

1.	Country	Turkmenistan
2.	Grant agreement number	TKM-RS-002
3.	Implementing Entity	UNDP
4.	Date of grant agreement signed	28/05/21
5.	Grant effectiveness date	28/05/21
6.	Date of 1st disbursement received from GCF	13/08/21
7.	Tranche number of the committed funding during the reporting period	First tranche
8.	Reporting period	From: 01/07/22 To: 31/12/22
9.	Total approved grant amount	USD 1,814,767
10.	Total grant amount received from GCF during the reporting period	USD 0
11.	Total grant amount expended during the reporting period	USD 163,972.96
12.	Documents provided (Please tick the relevant boxes)	 ☑ Interim Progress Report ☑ Subsequent Disbursement Request ☑ Audited Financial Report ☑ Audited Financial Report



SECTION 2: REPORTING ON COUNTRY READINESS LOGICAL FRAMEWORK This section requires an update on progress in implementing the planned Readiness activities. Any draft to the expected output should be submitted with progress report.

Progress is reported for the period (should be consistent with section 1.8)

From: 7/1/2022 To: 12/31/2022



Outcome 1: An Institutional framework to implement the Paris Agreement is established

Outcome narrative: Under this Outcome support was provided to update the adaptation component of the country's NDC and establish a coordination mechanism that will enable the government to implement adaptation measures towards achievement of goals of the Paris Agreement. Turkmenistan's NDC has been endorsed by the Cabinet of Ministers on January 28, 2022, approved by the President of the country on May 12, 2022, and submitted to the UNFCCC at the end of May 2022. The document is yet to be officially published on the UNFCCC website.

Within the project an Institutional Guidance was prepared that presents two options for the institutional structure and coordination of adaptation actions at the national level. It was presented twice during the workshops and raised many discussions among stakeholder partners. During the validation workshop, the participants agreed that the best way to proceed would be to strengthen the mandate of the Working Group that was established in January 2021 on International Agreements on Climate Change under the Inter-ministerial Commission on Environment Protection.

Outputs	Baseline summary	Activities	Targets achieved	Indicators	Milestones and deliverables achieved	Variance explanation	Qualitative assessment of activities undertaken	Planned activities and corresponding deliverables/milestones for the next reporting period
1.1 A coordination mechanism to implement the adaptation components of the Paris Agreement established and operationalized	Presently, there is no institutional coordination mechanism for the NAP process or for implementing adaptation goals and obligations of the Paris Agreement.	Activity 1.1.1: Review the existing institutional framework and design a coordination mechanism and schedule of meetings for adaptation planning. Conduct a validation workshop for the coordination mechanism.	An institutional coordination mechanism is established. Mandate, roles, processes and procedures validated. The coordination mechanism meets regularly and produces and shares summary reports of the meetings <i>in</i> <i>progress</i>	Institutional Guidance Document, including the description and functional of the Coordination Mechanism Meeting minutes protocols summary reports	1.1.1. Institutional Guidance is elaborated and submitted for final review and feedback to the national partner. Validation meeting protocol and final draft of the report are attached as part of the deliverables. Event was covered on UNDP and other social media channels.	N/A	1.1.1. Consultation meetings with national stakeholders took place; intermediate findings were presented during the Project Board Meeting on 4 Oct. 2022. Discussion points were documented in the meeting protocol. The results of the study were presented during the validation workshop on 20 Dec.2022. Feedback and final remarks were documented in the meeting minutes.	1.1.1. It is planned to proceed with works aimed at strengthening the mandate of the Interdepartmental Commission on Environment Protection, namely the role of its Working Group on International Agreements on Climate Change as a main body for coordination of adaptation actions. It is expected that the composition of the WG as well as its functions will be enlarged. That could be approved by the Decision of the Commission during one of the regular meetings taking place twice a year.
					NAP Baseline Assessment was conducted. Final report and database file are attached as part of the deliverables)		Consultation meetings with national stakeholders and international organizations/ projects took place (structured interviews). Intermediate findings were presented during	



						the Project Board Meeting.	
There is no exis national M&E framework to in adaptation indic and for adaptat actions.	Activity 1.1.2: Define and establish an M&E framework for adaptation actions that track the effectiveness of adaptation efforts as well as finance flows	The national M&E framework is defined and established to include indicators for adaptation actions not started	Proposal for M&E Framework with set of indicators to track adaptation actions.	N/A	N/A	N/A	1.1.2. Drafting ToRs for IC1 and NC1; launching the recruitment process. Commencement of assignment on elaboration of the national M&E framework: stakeholder consultation meetings possibly starting from June 2023 onwards.
responsible for	Build awareness of ficials the national decision- makers and members of the coordination mechanism (The State Committee for Water Management; The Ministry of Finance and Economy; Ministry of Agriculture and Environmental	Senior GoT managers and members of the coordination mechanism are knowledgeable about the risks of climate change to the country and understand good practices in adaptation planning. An explicit effort will be made to ensure that the curriculum includes the unique risks faced by women and other vulnerable groups <i>in progress</i>	Concept note/ curriculum for the series of the seminars is developed # of delivered seminars (target – 6) # of participants (up to 30)	1.1.3. Concept, curriculum and schedule for the series of workshops were prepared. The 1 st physical workshop was conducted on 10-11 Nov. 2022 in partnership with IOM project (24 participants, excluding NAP project team). Concept note/ curriculum, Interim Consultancy Report, overview of local and UNDP media coverage are attached as part of the deliverables.	N/A		1.1.3. In February and May 2023, the 2 nd and 3 rd workshops will be conducted. In addition to presentations by IC and NC, the NAP project team is planning to invite the representatives of development projects and national partners as guest speakers to enrich the content and engage the audience. During the 1 st workshop there were two interventions by the experts of CACILM-2 (FAO) and UNDP Sustainable cities project. There is a continued interest from IOM to contribute thematically for the follow-up workshops. It was confirmed that IOM project will support with organization of the 2 nd workshop in February 2023.



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components of Turkmenistan's NDC 2020 supported	The current and previous versions of the NDC do not contain details on adaptation, rather only broad categorical aspirations.	Activity 1.2.1: Prepare the adaptation components of Turkmenistan's NDC.	The forthcoming NDC will contain details on adaptation goals, priority areas for action and is supported with robust data - <i>not</i> <i>started</i>	Report (s) presenting: 1.macro-climate trends, potential impacts, and vulnerabilities; 2. proposed two national long-term adaptation goals; 3. gaps and barriers to achieve the proposed adaptation goals; 4.short term actions to achieve adaptation goals.		N/A	N/A	1.2.1. Drafting ToRs for IC4 and NC4; launching the recruitment process. Commencement of assignment on preparation of the adaptation components of Turkmenistan's NDC: stakeholder consultation meetings, desk-study, etc. staring from June 2023 onwards.
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Outcome 2: Evidence base for adaptation planning in the water sector strengthened

Outcome narrative: This Outcome seeks to strengthen the rationale for adaptation planning through assessment of climate risks and development and prioritization of sound adaptation measures and actions.

The implementation of Outcome 2 will start in 2023. During the reporting period the team prepared a ToR for service provider company to conduct climate risk assessments in the water sector of Ashgabat, and the water and agricultural sectors of Dashoguz region.

Outputs	Baseline summary	Activities	Targets achieved	Indicators	Milestones and deliverables achieved1	Variance explanation	Qualitative assessment of activities undertaken	Planned activities and corresponding deliverables/milestones for the next reporting period
2.1 Climate risks	The information base	Activity 2.1.1:	Climate risk	Inception Report	Gender Analysis for		Gender Analysis was	NAP project team will refer
identified,	for adaptation	Conduct climate risk	assessments of the		the NAP is ready and		presented during the	to the Gender Analysis in
assessed and	planning is	assessments on the	water sectors		attached as part of			planning of all activities.
prioritized.	underdeveloped.	water resources in	conducted in city of	tool and step-by-step	the deliverables.		and found as a useful	
prioritizou.	Specific climate risks	Ashgabat and the	Ashgabat and the	User Guide			knowledge product for	
	are not identified, well	province of Dashoguz	province of				UNDP CO Gender	
	understood,	using a multi-criteria	Dashoguz. Climate	Assessment reports,			Seal exercise, and	
	assessed, prioritized	analysis that takes	risks are analysed	maps, and summary			was published on	
	and validated.	into account the	and prioritized –	for two pilot sites			UNDP CO website:	
		unique impacts on	informing decision-				Mainstreaming Gender	
		particularly vulnerable	makers and	Policy briefs with			in Climate Change	
		groups including	stakeholders	findings and			Adaptation United	
		women.	thereby guiding the	recommendations			Nations Development	
			adaptation process				Programme (undp.org)	
			and planning in	Summary of key				
			progress	meetings, workshops		N/A	N/A	

1 If possible, please provide hyperlinks to supporting documents.



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				including objectives,	2.1.1. Finalized the			2.1.1. Posting of
				participants, topics, and outcomes	ToR for a service provider company to			advertisement and recruitment of Service
				Final consultancy	conduct climate risk assessments in the			Provider Company in the 1 ^s quarter of 2023.
				report	water sector (one Service Provider company for Activity 2.1.1 and 2.1.2) –			Commencement of assignment on conducting climate risk assessment an preparation of the inception
					attached as part of the deliverables.			report.
	The GoT does not have a list of prioritized climate risks for which adaptation actions can be taken to address.	Activity 2.1.2: Analyse and prioritize climate risk assessments for action that consider economic, environmental and social costs and benefits, and the unique risks by vulnerable groups including women.	The GoT has a report that presents a ranked list of climate risks that are to be addressed. The ranking will be done according to the severity of expected impacts, and alignment with national development priorities - <i>in</i> <i>progress</i>	Two assessments reports for Ashgabat and the region of Dashoguz. A national level methodological guide for assessing climate risks and vulnerabilities.	2.1.2. Cleared ToR for service provider company to conduct climate risks assessment in water sector (one Service Provider company for Activity 2.1.1 and 2.1.2) – attached as part of the deliverables.	N/A	N/A	2.1.2. Posting of advertisement and recruitment of Service Provider Company in the 1 st quarter of 2023.
	Regulatory policies and plans were not developed with a view towards integrating adaptation measures in a tangible manner. As such, while many policies and plans note that adaptation is a concern and priority, they need to be updated to allow for integration of adaptation measures.	Activity 2.1.3: Analyze regulatory policies and plans to identify entry points to integrate climate risk considerations.	There are clear entry points for integrating adaptation into key policies and plans that relate to water. Policymakers and planners have a clear view on where and how to focus their efforts to integrate adaptation into these policies and plans not started	A report with findings and recommendations for integrating climate risks into policies and plans.	N/A	N/A	N/A	2.1.3. Drafting ToR for a service provider company and NC5 (National Consultancy 5)
2 Adaptation tions identified,	It is broadly understood that some communities in the	Activity 2.2.1:	By surveying and analyzing the effectiveness of	Report presenting the identified indigenous	N/A	N/A	N/A	N/A



Outcome 2: Ev	vidence base for	adaptation plan	ning in the wate	r sector strengt	hened			
budgeted, prioritized and supported by concept notes.	target areas are taking micro adaptation actions. In the actions there may be opportunities for replication and scale up. However, these adaptations are not well understood or documented thereby preventing the opportunity for replication and scaling up. Adaptation planning is constrained and uncoordinated as adaptation themes and actions have not been researched, explored, developed and are agreed to be strategically important.	Conduct a survey of indigenous adaptation	local micro- adaptation actions in the target areas the evidence base is enhanced and provides an opportunity to policy makers and individuals alike to learn from, replicate and scale up these adaptive actions not started Adaptation planning	Adaptation practices and recommendations for replication and scaling across the country.	N/A	N/A	N/A	N/A
	Adaptation planning is constrained by the lack of a pipeline of bankable projects that address the most pressing concerns.	Activity 2.2.3: Develop 2 concept notes that address the top priority adaptation options for Ashgabat and Dashoguz.	The NAP process is supported with an initial pipeline of concept notes for which to take initial action <i>not started</i>	Two concept notes.	N/A	N/A	N/A	N/A

Outcome 3: Capacity for adaptation planning strengthened

Outcome narrative: Activities under Outcome 3 will enhance the capacity of key stakeholders on national adaptation, including water and private sectors. The first private sector, civil society and GoT meeting took place in December 2022 and demonstrated that there is stakeholder interest and a need to support a regular dialogue among the stakeholders. There is a high untapped potential to engage the private sector in the NAP process. The NAP project will continue to work closely with the Union of Industrialists and Entrepreneurs of Turkmenistan through various capacity building and awareness raising activities in 2023 and in 2024.



Outcome 3: Capacity for adaptation planning strengthened

Starting from January 2023 it is planned to work on the preparation and delivery of trainings on integration of adaptation into water planning and conducting a capacity development programme of trainers to support mainstreaming adaptation techniques and practices. It is also planned to support at least one more practical training on the use of available equipment for the national Hydromet Service under the Ministry of Agriculture and Environment Protection.

Outputs	Baseline summary	Activities	Targets achieved	Indicators	Milestones and deliverables achieved2	Variance explanation	Qualitative assessment of activities undertaken	Planned activities and corresponding deliverables/milestone s for the next reporting period
3.1 The capacity of national adaptation and water planners enhanced	Those involved in the NAP process, including those in the Coordination Mechanism and the MAEP, lack a deep understanding of the specific challenges faced by the water sector especially over the mid to long term. This inhibits the NAP process, especially in the most important area of water. Water planners are faced with new and evolving challenges of water use and scarcity. They lack the capability to capture and produce key information required to inform and contribute to effective adaptation planning.		Members of the Coordination Mechanism and others involved in are sufficiently capacitated, with a deep understanding of the water sector. They have been equipped with the knowledge and tools to address problems through adaptation actions and manage the NAP process- <i>in</i> <i>progress</i>	Capacity needs assessment report. Curriculum, training programme and learning materials. # of delivered 2-day trainings (target – 6) # of participants (up to 50)	3.1.1. International Service provider company with strong experience in the region was identified. The Project Team has prepared an evaluation report and other relevant documents. The set of documents was submitted to the UNDP Procurement Unit for review and contract preparation.	N/A	3.1.1. Given the similar nature of assignments, it was decided to group Activities 3.1.1, 3.1.3 & 3.1.4 into one ToR. Due to the fact that there are still some travel restrictions, only a few international flights have resumed, it was decided to minimize the risk and opt for an option of a Consortium of international and local companies. This modality will allow smooth implementation of some tasks by the local company with remote guidance received from the international partner. Since there is no local expertise for implementation of similar tasks, this cooperation of an international and local company is an	3.1.1. Conducting the capacity needs assessment and development of the series of 2-day trainings. Detailed preparation and delivery of at least one in the series of 6 workshops in May-June 2023.

² If possible, please provide hyperlinks to supporting documents.



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						efficient capacity	
						building measure for the local company and national experts.	
The MAEP lacks a deep understanding of how to fully utilize their existing meteorological and ecological monitoring equipment. As such planning and operations are not optimized. Important information useful to long term adaptation planning is not being captured and factored.	Activity 3.1.2: Training the MAEP on the use of their meteorological, hydrological and ecological monitoring equipment.	The MAEP is utilizing its meteorological and ecological monitoring equipment generating high quality data that is informing the NAP process as well as planning and operations. – <i>in</i> <i>progress</i>	Training programme or materials # of delivered trainings (at least 2) # of participants (up to 25)	3.1.2. One practical 3- day training was prepared and delivered on 7-9 Dec 2022 to the staff of TurkmenHydromet in Turkmenabat, Lebap province (14 participants, excluding the project team). OTT Executive summary on training on QLiner2 and MF Pro, information on media coverage are attached as part of the deliverables.	N/A	3.1.2. Based on a written request from the Head of the National Hydromet Service under the MAEP (project partner), the manufacturer of the field equipment OTT Hydromet GmbH was contracted under the direct contract modality. The trainer conducted 3-days training and updated to the very latest version of QLiner software QLiner PDA (pocket PC). 3 out of 4 MF Pro devices were updated to the latest firmware version 2.07.	3.1.2. OTT Hydromet GmbH offered to deliver an online 1,5 h wrap-up session (free of charge) to give comments on the data gathered during the field exercises and the usage of the software QReview. It is planned to organize this session in February 2023. There are also some preliminary agreements with hydrology tools manufacturer SEBA to conduct 3-day practical training for hydrologists in May-June 2023.
Water planners within national organizations have an underdeveloped level of expertise when it comes to adopting and implementing adaptation measures. As such there is a need for building knowledge to upgrade skills and improve water planning through the integration of adaption planning	Training on how to integrate adaptation into water planning delivered.	Water planners within national organizations are highly knowledgeable about adaptation in water planning leading to improved utilization of water in all contexts. – in progress	Capacity development curriculum # of workshops (target – 2) # of participants (up to 50)	3.1.3. An international service provider company was identified. The Project Team has prepared an evaluation report and other relevant documents. Those were submitted to the UNDP Procurement Unit for review and contract preparation.	N/A	3.1.3. the same as above - under 3.1.1.	3.1.3. Development of a concept note for the series of 3-day workshops. Detailed preparation and delivery of at least the first of the two planned workshops for city and district municipality specialists in the 2 nd quarte of 2023.



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	Knowledge about the	Activity 3.1.4:	A cadre of well	2-day TOT for up to	3.1.4. An international	N/A	3.1.4. Explained	3.1.4. Development of a
	impacts of climate change and adaptation options is not well known in throughout the country. As such there is a need to	Conduct capacity development programme of trainers to support the mainstreaming of adaptation techniques and practices. An	informed and trained individuals to work with various types of stakeholders to mainstream adaptation planning	30 specialists from MAEP, SCWM, City and District Municipalities, UIET, CSOs and Academia delivered	service provider company was identified. Project team has prepared evaluation report and other relevant documents. Those		under 3.1.1.	concept note for a 2-day training of trainers and teaching guideline in close consultation with the national partners by June- July 2023
	significantly scale up knowledge of CC impacts and adaptation across all areas of the public and private sector but there is a lack of informed people to do this work.	effort will be made to ensure that there is a balance of genders of the trainers.	across Turkmenistan. – <i>in</i> progress		were submitted to Procurement Unit for review and contract preparation.			
3.2 Private Sector engaged in adaptation activities n the water resources sector	The private sector has essentially no awareness of adaptation as a concept, nor have they adopted adaptation practices into their business models. The private sector needs to develop an awareness of the problems of climate change on their business, the solutions of adaption, and the business opportunities.	Activity 3.2.1: Private sector focused workshops will be designed and delivered a wide group of stakeholders that will aim to be gender balanced and include vulnerable groups. This activity will be conducted in partnership with the Union of Industrialists and Entrepreneurs	Major actors of the private, civil society and the youth sectors are informed about adaptation challenges and options in water usage as it relates to industry. All groups are exploring and implementing adaptation techniques that provide economic benefits. – not started	 # of workshops (target – 12: 6 in Dashoguz and 6 in Ashgabat) # of participants (up to 50) 	N/A	N/A	N/A	3.2.1. Drafting ToR for the recruitment of a service provider Company. Elaboration of the concept for the series of private sector workshops, and delivery of the first workshop in Dashoguz and Ashgabat by July 2023 Activity 3.2.1 and 3.2.2. wi start in parallel.
	The private sector has little formal information about climate risks and adaption measures. As such these issues are not factored into their strategic business planning and operational plans.	Activity 3.2.2: Design and produce practical adaptation Information products for consumption by the private sector and civil society.	The private sector has access to and is consuming information about climate change risks and adaptation measures. They use this information as part of their strategic business	# of information products on climate change risks and adaptation measures # of booklets (up to 1000)	N/A	N/A	N/A	3.2.2. Drafting ToR, recruitment of Service Provider Company.Development of information products in line with the concept and topic of the series of private sector focused workshops The first set of information products is to be prepared



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		planning and overall operations reducing their vulnerability and increasing resilience- not started.					by July 2023 for the 1 st workshops in Ashgabat and Dashoguz.
Structured conversations between the private sector and the GoT for the purposes of increasing climate resilience are infrequent and have generally not included civil society, academia, women, youth and other vulnerable groups.	Activity 3.2.3 Private Sector and Civil Society Dialogues with GoT held quarterly.	Planned and ongoing formal conversation between the GoT and representatives of the private, civil society, academia and women and youth orientated groups are facilitating and driving cooperation, action to build climate resiliency. – <i>in progress</i>	# of convened forums# of participants (up to 50-75)Quarterly reports of the dialogues	3.2.3. The first workshops on climate change between the representatives of government, private sector, civil society, and academia took place on 1 Dec 2022. The first quarterly report was prepared and disseminated to the workshop participants, excluding project team). The workshop agenda, LoP, quarterly report and media coverage are attached as part of the deliverables.	N/A	3.2.3. The first workshop revealed the interest and need for a diverse group of stakeholders to discuss the challenges and opportunities of adaptation to climate change. Private sector engagement in the NAP process is at the initial stage and is very important. It is envisaged the follow- up workshops will support companies by addressing important issues, especially with regard to water management/ irrigation as well as to explore and document good practices of climate change adaptation measures already employed by Turkmer companies.	



SECTION 3: ACTUAL IMPLEMENTATION TIMETABLE

Please provide the timeline of the Readiness Support activities and deliverables described in the outcomes in the Gantt chart below according to the actual progress of the activities and month(s) in which the deliverable was completed. Please ensure the outcomes/outputs/activities match those highlighted in Section 3.

Progress is reported for the period (should be consistent with section 1.8) From: 7/1/2022 To: 12/31/2022

Outcome 1. An Institutional framework to implement the Paris Agreement established

										Α	ctu	ial 1	īme	eline	e of	Imp	plei	me	ntat	ion	of /	Activ	/itie	s Du	ring	the	Rep	oorti	ng F	Perio	bd						
Outputs	Activities	1	2	3	4 !	5 6	6	7	8	9	1 0	1 1	1 2	1 3	1 4	. 1	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	3 0	3 1	3 2	3 3	3 4	
1.1 A coordination mechanism for the NAP process established and	Activity 1.1.1: Review the existing institutional framework and design a coordination mechanism and schedule of meetings for adaptation planning. Conduct a validation workshop for the coordination mechanism.																																				
operationalized	Deliverable 1.1.1: An institutional guidance document. Annual schedule of meetings. Summary reports from coordination mechanism meetings. A validation workshop																																				
	Activity 1.1.2: Define and establish an M&E framework for adaptation actions that track the effectiveness of adaptation efforts as well as finance flows																																				
	Deliverable 1.1.2: A gender sensitive monitoring and evaluation framework for tracking adaptation actions and finance																																				
	Activity 1.1.3: Build awareness of the national decision-makers and members of the coordination mechanism (The State Committee for Water Management; The Ministry of Finance and Economy; Ministry of Agriculture and Environmental Protection, including the State Hydrometeorological Service; The National Institute for Deserts, Flora, and Fauna) on climate change risks and good practices in adaptation planning																																				



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	Deliverable 1.1.3: Six workshops provided for up to 30 key specialists representing MAEP and its relevant agencies, SCWM, Ministry of Finance and Economy. Study materials will be distributed and findings report from the organizing team will be shared with relevant stakeholders from the coordination mechanism															
1.2 Updating of the adaptation	Activity 1.2.1: Prepare the adaptation components of Turkmenistan's NDC															
components of Turkmenistan's NDC 2020 supported	Deliverable 1.2.1: One report presenting 1. macro-climate trends, potential impacts, and vulnerabilities; proposed 2 national long-term adaptation goals; 3. gaps and barriers to achieving the proposed adaptation goals; and 4. and near-term actions to achieve adaptation goals															

Outcome 2. Evidence base for adaptation planning strengthened Actual Timeline of Implementation of Activities During the Reporting Period Outputs Activities 2 2 2 1 2 3 4 5 6 7 8 9 1 1 1 1 2 2 2 2 2 2 2 3 3 3 1 1 1 1 1 1 3 3 3 3 7 9 0 2 5 6 7 8 9 3 5 3 5 6 8 1 1 1 2 4 3 4 0 2 4 6 0 Activity 2.1.1: Conduct climate risk 2.1 Climate risks assessments on the water resources in identified, Ashgabat and the province of Dashoguz using assessed and a multi-criteria analysis that takes into prioritized account the unique impacts on particularly vulnerable groups including women. Deliverable 2.1.1: Two reports presenting assessments of the climate risks facing the water sectors in Ashgabat and the region of Dashoguz (one report for each location) A multi-criteria analysis tool for assessing climate risks. Activity 2.1.2: Analyze and prioritize climate risk assessments for action that consider economic, environmental and social costs and benefits, and the unique risks by vulnerable groups including women Deliverables 2.1.2: Two assessment reports that rank climate risks to be addressed in Ashgabat and the region of Dashoguz. A national level methodological guide for assessing climate risks and vulnerabilities developed based on data from Ashgabat and the region of Dashoguz Activity 2.1.3: Analyze regulatory policies and plans to identify entry points to integrate climate risk considerations.



	Deliverable: 2.1.3: A report that presents findings and recommendations for integrating climate risks into policies and plans												
2.2 Adaptation options identified,	Activity 2.2.1: Conduct a survey of indigenous adaptation practices												
budgeted, prioritized and supported by concept notes.	Deliverable 2.2.1: Report presenting the identified indigenous adaptation practices with recommendations for replication and scaling across the country.												
concept notes.	Activity 2.2.2: Develop and prioritize adaptation themes and actions for Ashgabat and Dashoguz that are informed by stakeholder consultations and the ranked climate risks of 2.1.2.												
	Deliverable 2.2.2: Report that presents the criteria and results of prioritized adaptation investment themes and actions												
	Activity 2.2.3: Develop 2 concept notes that address the top priority adaptation options for Ashgabat and Dashoguz												
	Deliverable 2.2.3: Two GCF quality concept notes												

Outcome 3. Capa	city for adaptation planning strengthe	ned																																					
											Act	ual	Tim	elin	e o	f Im	nple	me	ntat	tion	of	Acti	vitie	es D	urin	ng th	ne F	Rep	orti	ng F	eric	bd							
Outputs	Activities	1	2	3	4	5	6	7	8	9	1 0	1 1	1	L 1 2 3	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2		2 : 3 /	2 4	2 5	2 6	2 7	2 8	2 9	3 0	3 1	3 2	3 3	3 4	3 5	-
3.1 The capacity of national adaptation and water planners	Activity 3.1.1: Assess the capacity needs of the Coordination Mechanism and the MAEP as it relates to understanding and utilizing climate information to conduct adaptation planning																																						
enhanced	Deliverables 3.1.1: Capacity needs assessment of the coordination mechanism and MAEP conducted. Curriculum developed for increasing knowledge and capability for understanding and utilizing climate information. Training programs with learning materials developed and in total of 6 (2-day) trainings provided for up to 50 specialists of the MAEP, SCWM, Ashgabat municipality and Dashoguz regional governments Activity 3.1.2: Training the MAEP on the use																																						
	of their meteorological, hydrological and ecological monitoring equipment																																						



	Deliverable 3.1.2: Training programs on the use of field equipment conducted (total of 10 workshops) that include up to 50 specialists - representatives from water planners from city and district municipalities across the country as well as academia (Academy of Science, Agricultural University in Ashgabat and Agricultural Institute in Dashoguz					
	Activity 3.1.3: Training on how to integrate adaptation into water planning delivered					
	Deliverables 3.1.3: A tailored capacity development curriculum formulated and conducted via two 3-day workshops in Ashgabat and Dashoguz for up to 50 city and district municipality specialists					
	Activity 3.1.4: Conduct capacity development programme of trainers to support the mainstreaming of adaptation techniques and practices. An effort will be made to ensure that there is a balance of genders of the					
	trainers Deliverable 3.1.4: Up to 30 trainers representing, MAEP, SCWM, City and District Municipalities, UIET, CSOs and Academia capacitated and provided with teaching guides during 2-day ToT conducted in Ashgabat					
3.2 Private Sector engaged in adaptation activities in the water resources sector	Activity 3.2.1: Private sector focused workshops will be designed and delivered a wide group of stakeholders that will aim to be gender balanced and include vulnerable groups. This activity will be conducted in partnership with the Union of Industrialists and Entrepreneurs					
	Deliverable 3.2.1: A total of 12 one-day workshops (6 in Ashgabat and 6 in Dashoguz) on the risks and opportunities of climate change provided for up to 50 participants representing UIET, Union of Women, CSOs and Academia					
	Activity 3.2.2: Design and produce practical adaptation Information products for consumption by the private sector and civil society					
	Deliverable 3.2.2: Printed and digital gender sensitive information products (1,000 booklets) produced and distributed					
	Activity 3.2.3 Private Sector and Civil Society Dialogues with GoT held quarterly					



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Deliverable 3.2.3: Quarterly reports of the																
dialogues summarizing discussions, learnings																
and action steps circulated with members and																
other relevant groups																

SECTION 4: BUDGET & EXPENDITURE REPORTING

This section requires the applicant to report on the proposed budget. Please complete this section using the Readiness Budget Expenditure & Resource Report template (MS Excel)

Attached as Annex



Item Description	Unit	Price	Total Estimated Cost	Procurement Method
NC1 - Define and establish an				
M&E framework for adaptation				
actions	40 days	\$200/day	\$8,000	Open tender/competitive process
NC1 - detailed proposals for				
coordination mechanism	8 days	\$200/day	\$1,600	Open tender/competitive process
IC4 - Prepare the adaptation				
components of NDC	50 days	\$600/day	\$30,000	Open tender/competitive process
NC4 - Prepare the adaptation				
components of NDC	50 days	\$200/day	\$10,000	Open tender/competitive process
SP - climate risks assessments				
in water sector & risks		\$125,000	\$125,000	Open tender/competitive process
SP-trainings for adaptation				
planning in water sector		\$95,000	\$95,000	Open tender/competitive process
SP-meteorological and				
hydrological equipment SP - Deliver private sector		\$20,000	\$20,000	Direct Procurement
focused workshops + design		\$68,000	\$68,000	Open tender/competitive process
Workshops	14 days	1500	\$21,000	Direct Procurement
Audio visual & printing	14 workshops	500	\$7,000	Direct Procurement
TOTAL			\$336,000	

*CO Senior management approval was obtained for direct procurement



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SECTION 6: CHALLENGES, LESSONS LEARNED AND WAY FORWARD

Please describe what were the challenges encountered during the current reporting period; what were the solutions to mitigate them; and what were the key lessons learned and what will the project do to undertake course corrections during the next reporting period.

Challenges

Similar to the previous reporting period, in the current reporting period the challenge of implementing the project with an understaffed team remained. The Water Management Analyst was recruited in September 2022. The position of Climate Change Analyst had to be re advertised, but the recruitment process was completed during the reporting period. She will assume her duties in January 2023. Recruitment challenges have led to delays in the implementation of the planned activities and procurement for 2022. It is expected that in the first quarter of 2023 there will be some delays in posting requests or processing contracts by the UNDP Country Office due to the migration from Atlas to Quantum system which is UNDP's new financial data management system launched in January 2023.

Another noteworthy challenge is the substantial deficit in project budget related to workshops and seminars under BL75700 and BL74200. There is a big difference in foreign currency exchange rate (official versus alternative). Costs for venues and catering are set by the market rate. According to UNDP CO all transactions with local suppliers are conducted in local currency. As a mitigation measure, the majority of events have been held in UN House to avoid excessive payments made for the venue. The Project Team is also seeking synergies with other development agencies/ projects to optimize available resources instead of reducing the number of trainings. In the next reporting period, it is planned to improve the planning, and try to conduct events back-to-back to reduce travel costs for participants from the regions.

There is an insufficient amount budgeted under PMC for travel of the PMU staff, only USD3000. As per the Prodoc, there are activities planned in Ashgabat and Dashoguz region. Project staff will need to travel to Dashoguz, and possibly other regions to ensure organization and implementation of planned events. This was discussed with the RTA and is being brought to the attention of GCF in the current report.

Lessons Learned

It was noted that travel limitations still remain despite the gradual opening of the country, and resumption of certain international flights. Incoming international experts are subjected to mandatory PCR testing. Even with the negative results, it occurred that the international expert was taken to Infections Disease clinic for 3-days quarantine. After an intervention from the UNDP Resident Representative, the expert was allowed to leave the hospital.

Unlike in the pre-Covid period, it is required now to obtain the approval from the Ministry of Foreign Affairs for the visit of particular expert, by communicating his/her name and travel dates. This slows the process of receiving a visa invitation letter. Without the letter, it proved to be impossible for experts to book the tickets with Turkmenistan airlines, one of the two airlines that is currently operational in Turkmenistan.

Both instances made it clear that the team needs to closely monitor and provide logistical support in bringing the consultants to Turkmenistan, which becomes an addition to their daily duties. As a possible solution, it was decided to search for international service provider companies that can build consortium with local companies. This modality would allow smooth implementation of some tasks by a local company with remote guidance from an international counterpart. Since there is no local expertise for implementation of similar tasks, this cooperation of international and local companies could be considered as an efficient capacity building measure for the local company and national experts.

Lastly, considering substantial delays in the project implementation incurred beyond the control of the PMU, the project team prepared an ambitious work plan for 2023, and intends to strive for increasing the delivery rate starting in January 2023.



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Comments			
Reviewed by:	Signatura	Date: (DD-MM-YYYY)	
Name and Title (Reviewer): Position:	Signature:		
Final assessment by: (Satisfactory to GCF)	Olama damas	Date: (DD-MM-YYYY)	
Name and Title (Reviewer):	Signature:		
Position:			



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Annex. Subsequent Disbursement Request Form

Please fill the below form to request for the subsequent disbursement when the interim progress report along with unaudited financial statement/financial audit report/certified financial statements as applicable in accordance with Grant Agreement has been submitted to GCF (please note that the disbursement request can be processed only after these conditions are met).

SUBSEQUENT DISBURSEMENT REQUEST 1. Total amount approved for the project USD 0 2. Disbursement from GCF made to Choose an item. Example: USD 120,000 /40 % (refer to Grant Agreement) date/Percentage of Total Grant (%) Choose an item. Example: USD 118,000 3. Total expenditure to date 4. Expenditure rate as of the Interim Progress Please divide the received amount (2) by the executed amount Report submission date (%) (3). Example: 70% 5. Total amount of the subsequent disbursement Choose an item. Example: USD 130,000/43 % (refer to Grant to request/Percentage of Total Grant (%) Agreement) Name of Beneficiary Bank and located country 6. 7. Account number Bank address 8. SWIFT (BIC) 9. 10. IBAN Code 11. Date of the disbursement request Click or tap to enter a date.

Name and Title*: Position:	Signature:	Date:
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*The signatory of grant agreement (either NDA or Delivery Partner) or any authorised person who is certified in the letter of authorisation submitted to the Fund can sign here. When this is not plausible, please kindly consult with the Fund (^{opm@gcfund.org}) prior to the submission of the disbursement request.



SPECIAL ADDENDUM: COVID-19 RELATED IMPACTS

This section provides information on temporary measures to support project implementation through the extension period. Please be advised that the measures do not constitute a permanent change in policy. If you have any questions, please feel free to send an inquiry to opm@gcfund.org.

Turkmenistan has not availed this extension as of now. This will be re-evaluated towards the end of the next reporting period and at mid-point of implementation of the ambitious Project Annual Work Plan for 2023 agreed with the NDA.

GCF has granted up to six-months extension of the grant term/anticipated duration of readiness activities for specific grants that had been approved by the GCF prior to the pandemic having arisen and which expire after 1 March 2020 and are effective prior to 8 April 2020. GCF has granted additional flexibilities with guidelines as outlined below.

No-Cost Extension

- i. All grants will be automatically extended by six months. However, please be informed that the willingness on the part of the GCF to provide this six-month extension on the basis of the COVID-19 pandemic is not intended to prevent RPSP activities from being delivered under the pre-pandemic existing contractual timelines. Delivery partners and National Designated Authorities/Focal Points (NDA/FP) can complete the grant implementation sooner than the full no-cost extension period. Therefore, the GCF expects that delivery partners will fully coordinate with NDA/FPs in relation to the application of the said extension as a result of the COVID-19 pandemic.
- ii. Delivery partners should include a revised workplan for the new period in the next reporting cycle.
- iii. Grants requiring an extension longer than the six-months must submit well justified requests in line with standard practices and procedures for the GCF's consideration and approval.
- iv. The originally agreed grant sum required to complete the activities under the respective legal agreements remains unchanged for grants accepting the no-cost extension.

Project management costs: The project management costs (PMC) cap has been increased from 7.5 percent to 12.5 percent of the total activity budget approved. Partners can tap into the approved contingency fund to meet these additional costs up to the 12.5% cap. If the delivery partner increases the PMC, then the delivery partner is required to provide detailed documentation and justification supporting the increase in PMC and clearly outlining how the additional costs are related to the COVID-19 pandemic. This justification should be included in the interim progress report or completion reports due for submission as detailed in the grant agreement.

Contingency budget: The approved contingency amount included in the budgets for these activities may be used to cover unforeseen costs relating the COVID-19 pandemic without prior approval from GCF. The contingency budget may be used for project management costs (PMC). The said contingency expenses will need to be justified and included in the detailed reports that are required to be submitted by the delivery partner/recipient under the respective legal agreement between the delivery partner/recipient and the GCF.

Budget Re-allocation: The reallocation of approved budget among the budget line items can be made from one budget category to another up to 25 percent variation across the categories. The receiver and giver budget category can only take or give without prior fund approval up to 25 percent based on the previously approved budget. Budget can also be reallocated from outputs without changing the project scope to PMC if the contingency budget is insufficient to meet the increases in PMC. The delivery partner is required to provide detailed documentation and justification supporting the budget reallocation in the submitted reports in line with the grant agreement.



			Implementatio	n and Deliverables Schedule			
Types of Measures	Output No.	Activity No.		he change to activities, deliverab Deliverable	oles, etc.) Original Date	Revised Date	Budgetary Implications
Choose an item. Choose an item. Choose an item.							
Choose an item. Choose an item.							
Choose an item.							
In-country Sta (Please provide an u the status of the coun COVID-19 pande	Ipdate of Itry due to						
Justification for Re and Implication (Please provide detation changes to support up of temporary measured	ons ills of the utilization						
Mitigation Meas (Please provide detai risks will be mitig	ils of how						



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Comments		
Reviewed by: Name and Title: Position: DSS Finance	Signature:	Date: (DD-MM-YYYY)
Certified by: Name and Title: Position: DSS Finance	Signature:	Date: (DD-MM-YYYY)
Approved by: Name and Title: Position: CFO	Signature:	Date: (DD-MM-YYYY)

FOR GREEN CLIMATE FUND'S SECRETARIAT USE ONLY			
Comments			
Reviewed by: Name and Title (Reviewer): Position:	Signature:	Date: (DD-MM-YYYY)	
Final assessment by: (Satisfactory to GCF) Name and Title (Reviewer): Position:	Signature:	Date: (DD-MM-YYYY)	