

Monitoring & Evaluation (M&E) Plan and Impact Statement Form

Objective of the M&E Plan and Impact Statement:

- The M&E Plan and Impact Statement must be designed based on the Technical Assistance Response Plan and must enable the Implementer to complete the Closure Report at the end of the assistance.

Process for filling in the form:

- The Implementer must identify relevant quantitative and qualitative indicators as specified in the Closure Report. A sub-set of indicators to monitor and assess must be chosen among these.
- The Implementer may also identify other specific, measurable, achievable, relevant, and time-bound indicators suitable to monitor Activities, Outputs and anticipated Outcomes from the technical assistance and add to the M&E Plan and Impact Statement.
- During implementation of the TA or FTA, the Implementer must collect all relevant data as described in the Monitoring & Evaluation Plan. Aggregated data on selected indicators as well as an updated version of the Impact Statement will be presented in the Closure Report at the end of the assistance.

Basic Information	
Title of response plan	Monitoring System of Adaptation Measures in the water sector, analysis of Barriers and Financial Sustainability for its Implementation - Peru
Technical assistance reference number	3100005048
Country/ countries	Peru
NDE focal point and organisation	Ministry of the Environment
Sector(s) addressed	Water
Technologies supported	Not applicable
Implementation period and total duration	Implementation period: July 2022 – June 2023 Total duration: 12 months
Total budget for implementation	USD 94,989
Designer of the response plan	Metroeconomica Ltd in association with Water, Environment and Business for Development, and Hidrika
Implementer of response plan	Metroeconomica Ltd in association with Water, Environment and Business for Development, and Hidrika

(A) Outputs and Activities as described in the Response Plan	(B) Indicator	(C) Expected results	(D) Method and frequency for data collection	(F) Comments
--	---------------	----------------------	--	--------------

Output 1: Development of a detailed work plan and related communication documents	Number of communications (e-mail and conference calls).	Detailed work plan including (Spanish) Monitoring and evaluation plan (English and Spanish) Impact Statement (English and Spanish)	Conference call between CTCN, MINAM and TA implementer	-
Activity 1.1: Detailed work plan	Number of communications to prepare detail work plan Number of revised versions of detailed work plan	Minutes of conference call Detailed work plan	Conference call between CTCN, MINAM and TA implementer	-
Activity 1.2: Monitoring and evaluation plan	Number of communications to prepare a monitoring and evaluation plan Number of revised versions of a monitoring and evaluation plan	Minutes of conference call Monitoring and evaluation plan	Conference call between CTCN, MINAM and TA implementer	Prepared based on a template provided by the CTCN
Activity 1.3: Impact statement	Number of communications to prepare impact statement Number of revised versions of impact statement	Impact Statement	Conference call between CTCN, MINAM and TA implementer	Prepared based on a template provided by the CTCN
Activity 1.4: Technical assistance closure report	Number of communications to prepare a closure and data collection report Number of revised versions of closure report	Technical Assistance Closure Report	Conference call between CTCN, MINAM and TA implementer	Prepared based on a template provided by the CTCN
Output 2: Initial analysis and diagnosis	Number of documents reviewed Number of face-to-face and online meetings to achieve expected results	Map of actors classified according to their role in the operation of the M&E component for the <u>15 selected indicators</u> Diagnostic report of the technical sheets of the 15 selected indicators at the level of the	Face-to-face workshop with representatives of the TACC to select 15 adaptation measures Literature review: Catalogue of Adaptation Measures; Fiches of Adaptation Measures – Water	Expected results to be validated by the TACC

		products and adaptation measures of the Water NDC Catalogue and diagnosis of the institutional systems and/or platforms that handle information or monitor and/or report the selected indicators; analysis of the potential interoperability with the M&E Component	Component Virtual meetings with working groups	
Activity 2.1: Selection of adaptation measures	Number of stakeholders involved in the Technical Assistance Coordination committee (TACC), by gender	Establishment of the TACC Selection of 15 adaptation measures-indicators	Consultants propose a matrix of criteria and conduct a face-to-face workshop with representatives of the TACC for the selection of the 15 adaptation measures.	-
Activity 2.2: Mapping of actors	Number of actors mapped, by gender	Map of actors classified according to their role in the operation of the M&E component for the 15 selected indicators	Actor mapping follows 3 steps: <u>Identifying</u> - stakeholders will be identified from literature to be reviewed. <u>Cataloguing</u> : - actors (and their roles and relations to the indicators) will be put into a database. <u>Validating</u> : - a validation process with the focal point of the entity corresponding to each component will be done.	-
Activity 2.3: Identification and diagnosis of systems and/or platforms	Number of systems and/ or platforms identified Number of virtual meetings with actors	Diagnostic report of the technical sheets of the indicators at the level of the products and adaptation measures of the NDC Water Catalogue and diagnosis of the institutional systems and/or platforms that	A scoping and triangulation exercise (<u>including virtual meetings with actors mapped</u>) will identify the systems and platforms for data collection, monitoring and/or reporting. Using the developed	-

		handle information or monitor and/or report the selected indicators; analysis of the potential interoperability with the M&E Component	database, the team will carry out a diagnosis of the systems and/or platforms identified, specifying the type of information obtained, and its relationship with the adaptation measures	
Output 3: Process mapping	Number of virtual meetings Number of participants in the virtual meetings, by gender	Mapping report of validated processes. Report of virtual meetings and summary of interviews, including at least (i) list of participants, (ii) data disaggregated by gender	Literature review: Catalogue of Adaptation Measures; Fiches of Adaptation Measures – Water Component Virtual meetings with working groups	Expected results to be validated by the TACC
Activity 3.1: Elaboration of a process mapping	Number of virtual meetings Number of participants in the virtual meetings, by gender	Mapping report of validated processes with the professionals of the directorates and areas involved in the monitoring and implementation of the measures Report of virtual meetings and summary of interviews, including at least (i) list of participants and (ii) data disaggregated by gender	Within the developed database, the team will analyse the flow of information in the institutions involved through a mapping of processes, identifying the main procedures, from requesting indicator data, loading and data consistency, to reporting the results of the indicators of the selected measures, that will be linked to the monitoring and evaluation system of the adaptation measures that is being implemented. As part of this activity a virtual work meeting to validate the process maps will be held.	-
Output 4: Design of operational monitoring and evaluation models	Number of virtual meetings Number of participants in the	Operational models for M&E validated Report of virtual meetings and summary	Literature review: Catalogue of Adaptation Measures; Fiches of Adaptation Measures – Water	Expected results to be validated by the TACC

	virtual meetings, by gender	of interviews, including at least (i) list of participants and (ii) data disaggregated by gender	Component Virtual meetings with working groups	
Activity 4.1: Elaboration of the designs of the operational models for M&E	Number of virtual meetings Number of participants in the virtual meetings, by gender Number of operational models developed Number of operational models validated	Operational models for M&E developed and validated Report of virtual meetings and summary of interviews, including at least (i) list of participants and (ii) data disaggregated by gender	The development and validation of the operational model will combine desk research and workshops. The following 6 steps will be followed: (i) identifying the processes or procedures; (ii) developing the diagram of flow that identifies the main processes and procedures, ranging from the request for the indicator data; (iii) linking to the process of generating the report of the results of the indicators of the selected measures; (iv) linking to other processes of existing monitoring of other functional state systems; (v) description and specifications of the flowchart operations; (vi) Virtual validation workshops key stakeholders identified in Activity 2.2 The organisation of the virtual validation workshops will follow 3 steps: (i) Develop workshop protocol and guides; (ii) Implement co-design workshop; (iii) implement validation workshop	-
Output 5: Development and testing of a prototype for the M&E system	Number of virtual meetings Number of	Prototype for the collection, analysis, and reporting of information, of the	Output 5 will further develop and test the M&E model validated in Output 4	Expected results to be validated by the TACC

	participants in the virtual meetings, by gender	monitoring and evaluation component Report with the results of the pilot test of the monitoring and evaluation system Report of virtual meetings and summary of interviews, including at least (i) list of participants and (ii) data disaggregated by gender		
Activity 5.1: Development and testing of a prototype for the M&E system	Number and type of indicators used Number of women in the virtual meeting Number of individuals representing marginalised groups (including women) in the virtual meeting	Prototype for the collection, analysis, and reporting of information, of the monitoring and evaluation component Report with the results of the pilot test of the monitoring and evaluation system Report of virtual meetings and summary of interviews, including at least (i) list of participants and (ii) data disaggregated by gender	Developed using a 4-step process: Step 1 - Working group meeting with TACC. Step 2 - Workshop for data capture and data collection formats. Step 3 - Capacity Building Workshop. Step 4: Prototype developed and tested. Members of the focal group and working group meetings will help run the prototype test	-
Output 6:	Number of virtual meetings Number of participants in the virtual meetings, by gender	Compilation and analysis of successful international cases of strategies for the financial sustainability of M&E/MRV systems Report with diagnosis of status and barriers to long-term sustainability of the M&E system in the thematic area Water Financial strategy, understood as mechanisms and combination of financing options from	See activities 6.1 – 6.4	Expected results to be validated by the TACC

		public resources, user payment for public services, international cooperation, and private investment Report of virtual meetings and workshops, including the list of participants, data disaggregated by gender and other pertinent documentation Concept Note to complete the remaining phases of the implementation of monitoring and evaluation of adaptation measures		
Activity 6.1: Review of international experiences for the maintenance of M&E and/or MRV systems of mitigation and adaptation measures	Number of international experiences reviewed	Compilation and analysis of successful international cases of strategies for the financial sustainability of M&E/MRV systems	Previously developed international M&E and/ or MRV projects related to adaptation and mitigation will be reviewed. Focus will be given to experiences in comparable and proximate countries to Perú	-
Activity 6.2: Analysis of the current status	Number of long-term sustainability barriers identified	Report with diagnosis of status and barriers to long-term sustainability of the M&E system in the thematic area Water	Analyse the long-term sustainability of the monitoring and evaluation components, including aspects such as internal actions established in local and national entities Identification of barriers to the long-term sustainability of the M&E system in the Water thematic area	-
Activity 6.3: Recommendations	Number of recommendations to	Financial strategy, understood as	Preparation of recommendations for	-

for the financial sustainability of the M&E Component in the Water thematic area	overcome barriers proposed	mechanisms and combination of financing options from public resources, user payment for public services, international cooperation, and private investment Report of virtual meetings and workshops, including the list of participants, data disaggregated by gender and other pertinent documentation	each key entity involved and reporting of information for the long-term sustainability of the M&E Component Organize face-to-face workshops for socialization, validation, and adjustment of the financial strategy	
Activity 6.4: Preparation of a Concept Note	Concept note includes a description of the activities undertaken as part of the project and the role of identified key stakeholders. Concept note underlines the importance and relevance of the establishment of an M&E component in the water area in Perú	Concept Note to complete the remaining phases of the implementation of monitoring and evaluation of adaptation measures	Drafting of a concept note for the management of climate fund resources to complete the implementation of the monitoring and evaluation component of adaptation measures	-

Note: The Response Plan may contain information useful for the section below. The information in the table below will be used by the CTCN for public communication of the achieved and expected results of the Technical Assistance through the CTCN website www.ctc-n.org and other communication channels. See for example: https://www.ctc-n.org/sites/www.ctc-n.org/files/benin_a_ag_forestry.final_.pdf

Impact Statement	
Challenge	Peru is the 59 th most water scarce country on earth. The Regulation of the Framework Law on Climate Change establishes the creation of the Monitoring of Adaptation and Mitigation Measures System. The Peruvian Ministry of the Environment developed a roadmap for the Monitoring and Evaluation of Adaptation Measures to climate change. This project will contribute to the implementation of this roadmap by developing a monitoring system for the implementation of adaptation measures in the water sector.
CTCN assistance	▪ Development of the design phase for 15 water-related adaptation measures and analysis of the sustainability of subsequent phases ▪ Development of a monitoring system for adaptation measures in the water sector ▪ The identification of barriers to the implementation of the Adaptation Monitoring System ▪ Development of a financial sustainability analysis

Anticipated impact	▪ Establishment of the 15 most important adaptation measures related to water in Peru ▪ Capacity to assess if measures follow the planned paths, as well as their effectiveness and how they can be improved
Anticipated co-benefits from the TA	While the TA focuses on the water sector, this sector is related to multiple other areas, meaning that the project is expected to generate multiple co-benefits: Agriculture: with a more resilient water sector able to provide sufficient water for irrigation Social wellbeing: increased water security means the public has a more reliable source of water to drink and clean with. Equality: taking gender and social standing into account the TA is able to contribute to empowerment of marginalized groups
Gender aspects of the TA	Given the differing impact of water scarcity on gender, this element has been given significant salience within this project. The project will follow an integrated gender-approach and includes a national expert on gender. Moreover, during stakeholder engagements gender will also be considered.
Anticipated contribution to NDC	▪ Support the to establish a monitoring and evaluation system to assess the implementation of the NDCs ▪ Support coordination between institutions and sectors implementing measures highlighted in the NDC's
The narrative story	The consolidation of a monitoring and evaluation system for adaptation measures to climate change is essential to assess the progress of adaptation interventions, how these interventions are reducing risks, improving adaptive capacity, and supporting affected populations due to climatic impacts. Moreover, such frameworks, contribute to the identification and prevention of maladaptations, which could, if not dealt with, result in the opposite outcomes of those intended. The transversality of the adaptation measures in the water thematic area represents a challenge in the consolidation of the M&E system, since it is necessary to harmonize and homogenize the data systems at the national, regional, and sectoral levels, a task not developed before with this level of complexity. Moreover, the differing impacts faced by communities further complicates the process, with the M&E system having to incorporate these impacts and perspectives into its working. The overarching goal of this assignment is to contribute to the implementation of the roadmap of the monitoring and evaluation component of the Monitoring System of Adaptation and Mitigation Measures of Peru.
Contribution to SDGs	As the technical assistance focuses on the monitoring and evaluation of water related adaptation measures, it will contribute to SDG 6, allowing the development of a more resilient water sector able to provide communities with clean water. Moreover, given the importance of gender perspectives within the project and the gender-water relationship, the technical assistance will also contribute to SDG 5, empowering women and curbing the populations gendered relationship to water. The establishment of the Monitoring System of Adaptation and Mitigation Measures of Peru, also, contributes to the achievement of SDG 13, providing the capacity to see if measures are following their planned paths, assessing their effectiveness and how they can be improved.
Reference to knowledge products	N/A