

Annex 11 Monitoring and Evaluation Plan - TREPA

Monitoring				
Data/Source	Collection Tool	Frequency	Indicators ¹	Indicative Budget
<i>Households, communities</i>	<i>Survey/questionnaire</i>	<i>Annually</i>	<i>A1.2, A2.2, A8.1, A7.1, 1.4, 1.5, 3.2</i>	<i>50,000</i>
<i>Geospatial maps of ecosystem coverage</i>	<i>GIS data</i>	<i>Annually</i>	<i>A4.1</i>	<i>50,000</i>
<i>National or sub-national plans, policies, strategies or budgets</i>	<i>Government data/records</i>	<i>Annually</i>	<i>A.5.1, 3.1</i>	<i>20,000</i>
<i>Households</i>	<i>Baseline study</i>	<i>Baseline</i>	<i>A1.2, A2.2, 1.4, 2.2</i>	<i>80,000</i>
<i>Project field sites</i>	<i>Field observation visits</i>	<i>Quarterly</i>	<i>1.1, 1.2, 1.3, 3.3</i>	<i>120,000</i>
<i>Project Documents</i>	<i>Document review</i>	<i>Quarterly</i>	<i>3.3, 3.4</i>	<i>-</i>
<i>Training beneficiaries, Farmer groups</i>	<i>Focus groups</i>	<i>Quarterly</i>	<i>2.1, 3.2</i>	<i>150,000</i>
<i>Business Community</i>	<i>Key informant interviews</i>	<i>Quarterly</i>	<i>2.2, 2.3, 3.4, 3.5</i>	<i>150,000</i>
Total				620,000

Evaluation & Learning			
Type	Timing	Independent/Self-evaluation	Indicative Budget (US\$)
<i>Participatory</i>	Annual Review	Self-Assessment	60,000
<i>Process</i>	Mid-term Review	Independent	60,000
<i>Outcome</i>	End-term	Independent	80,000
Total			200,000

A more detailed information of the Performance Monitoring & Evaluation Plan is shown below (Table 1).

¹ See Indicator list and numbers below.

Table 1: Performance Monitoring Plan for Fund level impacts and Outcomes.

Performance indicator	Indicator definition and unit of measurement	Data source	Method/ approach of data collection	Data collation, validation, and analysis		Data regularly available at mission	Reporting	
				Schedule/ Frequency	Responsible party		Schedule	Responsible party
Fund-level Impact 1: Increased resilience and enhanced livelihoods of the most vulnerable people, communities and regions.								
A1.2 <i>Number of males and females benefiting from the adoption of diversified, climate resilient livelihood options (including fisheries, agriculture, tourism, etc.)</i>	Definition: The indicator tracks the number of people (both males and females) who receive monetary or non-monetary benefits from the adoption of diversified, climate resilient livelihood options (including fisheries, agriculture, tourism, etc.); Unit: # of project beneficiaries disaggregated by gender	Impact assessment reports; Gender responsive household survey reports; climate change vulnerability reports	Gender responsive Household surveys & assessments and, sampling visits at project sites;	Annually Mid-term End-term	Data collection: PMU, Independent Consultants. Data validation: M&E Officer	Yes	Annually	PMU
Fund-level Impact 2: Increased resilience of health and well-being, and food and water security.								
A2.2 <i>Number of food secure households (in areas/periods at risk of climate change impacts)</i>	Definition: The indicator measures the number of households with access to sufficient and nutritious food to meet their dietary needs; Unit: # (disaggregated by gender headed households)	Gender responsive survey reports	Gender responsive Comprehensive Food Security and Vulnerability and Nutrition Analysis Survey	Baseline Mid-term End-term	Data collection: Independent Consultant; PMU Data validation: M&E Officer	Yes	Annually	PMU
Fund-level Impact 3: Improved resilience of ecosystems and ecosystem services.								
A4.1 <i>Coverage/scale of ecosystems protected and strenghened in response to climate variability and change</i>	Definition: This indicator tracks the area or number of hectares of the ecosystems that have been brought under protection or rehabilitation in response to climate variability and change; Unit: # Hectares	Geospatial maps of ecosystem coverage	Review of plans, surveys, site visits, Participatory Ecosystem Assessments; GIS/Remote Sensing data	Baseline Annual Mid-term End-term	Data collection: Independent Consultant, PMU. Data validation: M&E Officer	Yes	Annually	PMU

Performance indicator	Indicator definition and unit of measurement	Data source	Method/ approach of data collection	Data collation, validation, and analysis		Data regularly available at mission	Reporting	
				Schedule/ Frequency	Responsible party		Schedule	Responsible party
Outcome 1: Strengthened awareness of climate threats and risk-reduction processes.								
A8.1 Number of males and females made aware of climate threats and related appropriate responses	Definition: The indicator measures the number of people aware of the most important climate threats, preparedness measures and the appropriate responses; Unit:: # People (disaggregated by Gender – Males & Females)	Survey reports	Knowledge, Attitude and Practice (KAP) surveys; household surveys with a representative sample.	Baseline Annual Mid-term End-term	Data collection: PMU, independent consultants. Data validation: M&E Officer	Yes	Annually	PMU
Outcome 2: Strengthened adaptive capacity and reduced exposure to climate risks.								
A7.1 Use by vulnerable households, communities, businesses and public-sector services of Fund-supported tools instruments, strategies and activities to respond to climate change and variability	Definition: The indicator assesses the proportion (percent) of target population who use Fund-supported tools, instruments, strategies and activities to respond to climate change and variability; Unit: Percent (%) disaggregated by gender	Vulnerability assessment reports, household/ beneficiary survey reports;	Household/ community assessments and surveys, sampling visits at project sites; vulnerability assessment	Mid-term End-term	Data collection: PMU, Independent consultants. Data validation: M&E Officer	Yes	Mid-term End-term	PMU
Outcome 3: Strengthened institutional and regulatory systems for climate-responsive planning and development.								
M5.1 Institutional and regulatory systems that improve incentives for climate resilience planning and development and their effective implementation.	Definition: The indicator tracks the number of project supported existing or new institutional and regulatory systems that improve incentives for climate resilience and their effective implementation; Unit: # national/sub-national development plans, budgets or policies	Government Records (National or sub-national plans, policies, strategies or budgets; Progress reports)	Review of Government Records (national or sub-national policies and plans); Scorecard to assess incentives for climate resilience and their implementation status	Annual Mid-term End-term	Data collection: PMU, Independent consultants. Data validation: M&E Officer	Yes	Annually	PMU

Table 2: Performance Monitoring Plan for Output 1.

Performance indicator	Indicator definition and unit of measurement	Data source	Method/ approach of data collection	Data collation, validation, and analysis		Reporting	
				Schedule/ Frequency	Responsible party	Schedule	Responsible party
Main Output 1: Priority landscapes brought under restoration to support climate resilient agro-ecological systems and livelihoods in Eastern Province.							
1.1: Area (ha) of agroforestry or fruit tree farms established	Definition: Measurement of area of farms under agroforestry or fruit tree; Unit: # of hectares; Disaggregation:	National or sub-national land use or management plans, spatial plans; Communities assessments, Project field sites.	Management or land use plans reviews, Site visits , beneficiary surveys;	Quarterly	Data collection: Implementing Partners (IPs) Data validation: M&E Officer	Quarterly	PMU
1.2: Area (ha) of target landscapes brought under rehabilitation or restoration	Definition: measurement of are under rehabilitation or restoration ; Unit: # of hectares; Disaggregation: Woodlots, tree plantations, shorelines, buffer zones, ecologically sensitive and erosion prone lands etc.	Management plans, spatial plans; Communities assessments, Project field sites.	Management plans reviews, Sample site visits , surveys on beneficiary farmers; Participatory landscape assessments	Quarterly	Data collection: Implementing Partners (IPs) Data validation: M&E Officer	Quarterly	PMU
1.3: Area (ha) of climate resilient silvopastoral units established in degraded rangelands	Definition: Measurement of area covered by climate resilient silvopastoral techniques promoted by the project; Unit: # of hectares; Disaggregation: Fodder trees, shrubs, grasses and herbaceous legumes species.	Management plans, spatial plans; Communities assessment reports, Project field sites.	Management plans reviews, Sample site visits , surveys on beneficiary farmers; Participatory rangeland assessments	Quarterly	Data collection: Implementing Partners (IPs) Data validation: M&E Officer	Quarterly	PMU
1.4: Percent (%) increase in the number of households with access to Improved Cook Stoves (ICS), cooking material and technology.	Definition: Assessment of the proportion of households accessing improved energy solutions (services & products); Unit: Percent (%); Disaggregation: Gender.	Both secondary and primary data sources, Households survey reports.	Secondary data analysis; Household surveys and focus groups; Key Informant Interviews;	Baseline, Mid-term, End-term	Data collection: Implementing Partners (IPs) Data validation: M&E Officer	Quarterly	PMU
1.5 : # trained in climate resilient natural resource management and governance	Definition: The indicator measures the number of people who have learning benefits from the knowledge and skills-transfer activities (such as field-based trainings, demonstrations and awareness-raising sessions) supported by the project; Unit: # trained; Disaggregation: Gender	Training plans and reports, Communities assessments; Progress reports,	Review of training plans and reports, Survey with a representative sample of project training beneficiaries; Focus group discussions.	Quarterly	Data collection: MOAI Data validation: M&E Officer	Quarterly	PMU

Table 3: Performance Monitoring Plan for Output 2.

Performance indicator	Indicator definition and unit of measurement	Data source	Method/approach of data collection	Data collation, validation, and analysis		Reporting	
				Schedule/Frequency	Responsible party	Schedule	Responsible party
Main Output 2: Climate resilient agricultural markets and value chains developed to promote public and private investments in forests, rangelands and agroforestry.							
2.1: # of Farmers groups strengthened for climate resilient markets & value chains	Definition: Indicator measures the number of farmer cooperatives/group members with demonstrated benefits from project support such as formation or registration of new groups, access to resource centres and market infrastructure, linkage with value chain actors and training; Unit: # people Disaggregation: Gender, Type of benefit	Beneficiary monitoring Primary data	Project monitoring data through Beneficiary surveys; Focus group discussions , Key Informant Interviews.	Quarterly	Data collection: IP Data validation: M&E Officer	Quarterly	PMU
2.2: # of climate resilient agricultural value chains developed	Definition: Assessment of the number of crop and livestock based value chains developed; Unit: # value chains Disaggregation: Type of value chain	Both secondary and primary data sources - Baseline reports; Value chain assessment reports	Value chain analysis, Key Informant Interviews , project progress and review reports	Quarterly	Data collection: IP Data validation: M&E Officer	Quarterly	PMU
2.3: # of climate resilient financial products developed	Definition: Indicator is a count of the different financial products developed for respective value chains; Unit: # Products Disaggregation: Value chains	Primary data (Baseline reports, survey reports) and secondary data (review of financial records)	Key Informant Interviews;	Quarterly	Data collection: IP Data validation: M&E Officer	Quarterly	PMU

Table 4: Performance Monitoring Plan for Output 3.

Performance indicator	Indicator definition and unit of measurement	Data source	Method/ approach of data collection	Data collation, validation, and analysis		Reporting	
				Schedule/ Frequency	Responsible party	Schedule	Responsible party
Main Output 3: Local and national institutional capacity for climate adaptation in land planning and management strengthened.							
3.1: Number (#) of cross-sectoral plans, strategies and community landscape restoration plans developed mainstreaming gender-responsive climate resilience metrics.	Definition: Indicator tracks the number of cross sectoral plans, monitoring & reporting plans, strategies, performance contracts and landscape restoration plans that integrate climate resilience metrics in planning processes; Unit: # of plans, strategies or contracts; Disaggregation:	Secondary data (existing government documents - cross sectoral plans, strategies, performance contracts and landscape restoration plans); primary data (monitoring data, interview reports)	Key informant interviews with the relevant stakeholders (local communities, government officers at national and sub-national levels) and a review of relevant government documents .	Quarterly	Data collection: IP Data validation: M&E Officer	Quarterly	PMU
3.2: Number (#) of staff from central and district authorities with improved capacity or knowledge for climate change adaptation decision support	Definition: Assessment of the number of central or district government officials who gain knowledge and skills in climate change adaptation and knowledge/information management due to project support; Unit: # of Officers; Disaggregation: Gender and level of government authority (i.e. central of district).	Staff development and training plans and reports	Review of training plans and reports, Survey with a representative sample of project training beneficiaries; Focus group discussions .	Quarterly	Data collection: IP Data validation: M&E Officer	Quarterly	PMU
3.3: Number (#) of seed and seedling supply initiatives promoted or produced to diversify climate adapted species and varieties.	Definition: Indicator seeks to track the number of seedling supply initiatives or products (such as breeding programme and Agro-climatic tree and crop species suitability maps) promoted by the; Unit: # of initiatives or products; Disaggregation: Type of initiatives or products.	Primary data (site visit monitoring reports and secondary data such as existing reports and maps.	Review documents such as project progress reports and maps; site visits , key informant interviews.	Quarterly	Data collection: IP Data validation: M&E Officer	Quarterly	PMU
3.4: Number (#) of climate resilience related research publications or knowledge materials produced	Definition: Assessment of the evidence of best practices (research publications or knowledge materials) generated by the project. It tracks the number of materials produced. Unit: # of materials; Disaggregation: Type of material.	Documents (reports, publications and other research products); primary data from key informants (researchers and project teams)	Key informant interviews and review of research or other knowledge materials produced by the project.	Quarterly	Data collection: IP Data validation: M&E Officer	Quarterly	PMU