

Annex 12

Monitoring and Evaluation Plan

to the GCF Funding Proposal

Climate-resilient landscapes in Central Asia

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Version 2.2

Submitted by:
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Monitoring

1A: Programme Monitoring System				
Monitoring task	Collection tool	Frequency	Indicator	Indicative budget
Design and operationalisation of a web-based programme monitoring system , incl. programme GIS database	Other (please specify) Web-based system	Inception phase	Cross-cutting (relevant for all indicators)	150,000 EUR (GIZ: <i>int. consultancy</i>)
Continuous technical maintenance of the web-based programme monitoring system (troubleshooting), including integration of established data collection tools/templates and monitoring data into the system	Other (please specify) Web-based system	Continuously	Cross-cutting (relevant for all indicators)	70,000 EUR (GIZ: <i>int. consultancy</i>)
Establish the data collection tools and/or templates for all activities of Components 1,2 and 3, including integration of all items required for the monitoring of the LogFrame indicators.	Other (please specify) Web-based system	Continuously (for each activity, prior to its initiation)	Cross-cutting (relevant for all indicators)	25,000 EUR (GIZ: <i>int. consultancy</i>)
Qualitative and quantitative data collection to enhance the baseline data available and monitor the LogFrame indicators over time.	Survey/questionnaire, GIS data, field observation data, focus groups, government data/records, document review, digital access data, sales data	<i>See details in table below</i>		M&E staff of GIZ, CIIP, NCECC, ARIS, MoWRAPI (<i>under subsidiary grant agreements</i>)
Mainstreaming of monitoring data and processes into annual and quarterly planning (including facilitation of the planning process) and into approaches and guidelines of activities.	Other (please specify) Planning	Quarterly and annually		GIZ staff (M&E specialists) <i>see below</i>
Quality checks of activity monitoring data provided by the Executing Entities (ARIS, MoWRAPI, CIIP, NCEEC),	Other (please specify) Data review	Continuously		

including feedback on quality issues and reported figures.				
Analysis of incoming monitoring information & feedback to implementors and GIZ staff (including adapting and fine-tuning approaches and quality of implementation).	Other (please specify) Data review	Annually (and more frequent, if required)		
Organization of learning events to discuss monitoring information & exchange lessons learned for on-going programme implementation.	Other (please specify) Workshops	Annually (and more frequent, if required)		
Supervision of monitoring system design and quality assurance of all monitoring related tasks (see above).	Other (please specify) Quality assurance	Ongoing		
Reporting of monitoring information to GCF, BMZ, the Governments of KGZ, TJK and UZB, and other stakeholders.	Other (please specify) APR	Annually		

1B: Qualitative and quantitative data collection				
Data/Source	Collection tool	Frequency	Relevant indicators	Indicative budget
Household surveys for adaptation and livelihoods	Survey/questionnaire	Baseline, mid-line, end-line	Core 2: Direct and indirect beneficiaries reached direct Mid-term target: 261,515 Final target: 1,046,062 Supplementary 2.1: Beneficiaries (female/male) adopting improved and/or new climate-resilient livelihood options Mid-term target: 48,049 Final target: 192,197	<i>EUR 485,250 (4 local consultancies via ARIS, MoWRAPI, CIIP, NCECC: team lead, enumerators, trainings, equipment)</i>
Baseline survey of targeted land areas (cadastre information, satellite data, ground truthing)	Government data/records GIS data	Baseline	Core 4: Hectares of natural resources brought under improved low-emission and/or climate-resilient management practice Mid-term target: 281,806 ha Final target: 939,354 ha	<i>EUR 112,800 (4 local consultancies via ARIS, MoWRAPI, CIIP, NCECC: team lead, surveyors, trainings, equipment)</i>
Programme GIS database	GIS data	Quarterly	Supplementary 4.1 Hectares of terrestrial-forest, terrestrial-non-forest, freshwater and coastal-marine areas brought under restoration and/or improved ecosystems Mid-term target: 2,963,656 ha Final target: 2,963,656 ha	<i>Cost already included in programme monitoring system above</i>
GHG monitoring system design, operationalisation and continuous technical maintenance and expert input,	Other (please specify)	Inception phase Continuously	Core 1: GHG emissions reduced, avoided or removed/ sequestered Mid-term target: 277,642 tCO₂eq of avoided emissions and removals as compared to the baseline scenario	EUR 650,000 (GIZ: int. consultancy) EUR 100,000 (GIZ: 3 local consultancies) EUR 30,000 (GIZ: consumables, translation, travel, etc.)

GHG monitoring database platform and analysis , including database platforms, carbon datasets for monitoring events, soil sample analysis, equipment for tree monitoring, equipment for soil monitoring	Other (please specify) Data, equipment	Continuously	Final target: 1.27 million tCO ₂ eq of avoided emissions and removals as compared to the baseline scenario	EUR 210,000 (GIZ: <i>local purchases of data and equipment</i>)
GHG monitoring data collection	Survey/questionnaire	Yearly		EUR 270,000 (GIZ: <i>3 local consultancies with team lead, field teams, travel costs, training</i>)
Field visits and spot checks	Field observation visits, focus groups	Continuously	Outcome 1: Number (#) of farmers adopting new climate-resilient livelihood options Climate-informed AFOLU adaptation plans approved at subnational level (2.1) Mid-term target: 180 Final target: 180 Climate-informed forest management plans approved (2.2) Mid-term target: 25 Final target: 25 Climate-informed pasture management plans approved (2.2) Mid-term target: 140 Final target: 140	<i>Cost already included in programme monitoring system above</i>
Post-training surveys & key-informant interviews	Survey/questionnaire	Continuously	Plausible future scenarios developed as a basis for the regional pathway(s) (3.1) Mid-term target: 100 Final target: 300	<i>Cost already included in programme monitoring system above</i>
Documentation of trainings & workshops	Document review	Continuously	Sustainable mechanisms for regional knowledge management, exchange, and information sharing (3.2)	<i>Cost already included in programme monitoring system above</i>

			Mid-term target: 1 Final target: 2	
Documentation / Evidence of other programme activities	Document review	Continuously	Sustainable/green bonds issued with programme support (1.3) Mid-term target: 1 Final target: 4 Financing vehicles established, expanded and capitalised (1.3) Mid-term target: 0 Final target: 3 National processes launched for repurposing harmful subsidies into public support for scaling up CRLE practices and technologies and ecosystem restoration (1.2) Mid-term target: 0 Final target: 3 Sets of draft legal documents and guidelines to enhance access to innovative climate finance (1.2) Mid-term target: 0 Final target: 3 Options assessments for accessing carbon finance for the AFOLU sectors (1.2) Mid-term target: 0 Final target: 3 Operational multisectoral and multiscale coordination platforms using climate information for cross-sectoral decision making in the AFOLU sectors (1.1) Mid-term target: 1	Cost already included in programme monitoring system above

			Final target: 3 Climate modules operationalized in national land information systems (1.1) Mid-term target: 3 Final target: 3 Operational financial mechanisms established or supported by the programme t (2.3) Mid-term target: 9 Final target: 9 Climate resilience toolbox available online (3.2) Mid-term target: 0 Final target: 1 Fund for transborder climate action established (3.3) Mid-term target: 1 Final target: 1	
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1C: Safeguards & Gender Monitoring System				
Monitoring task	Collection tool	Frequency	Indicator	Indicative budget
Integrate Safeguards & Gender aspects (incl. Grievance Redress Mechanism complaints) into data collection tools/ templates for all activities of Components 1,2 and 3.	Document review	Ongoing (for each activity, prior to its initiation)	Cross-cutting (relevant for all indicators from the Environmental and Social Management Plan (ESMP) and the Gender Action Plan (GAP))	GIZ staff (M&E, ESS & Gender specialists) M&E, ESS & Gender specialists from ARIS, MoWRAPI, CIIP, NCECC
Mainstreaming of Safeguards & Gender aspects (including indicators) into annual and quarterly planning (including facilitation of the planning process) and into approaches and monitoring guidelines of activities.	Other (please specify) Planning	Quarterly and annually	Cross-cutting (relevant for all indicators from the Environmental and Social Management Plan (ESMP) and the Gender Action Plan (GAP))	GIZ staff (M&E, ESS & Gender specialists) M&E, ESS & Gender specialists from ARIS/MoWRAPI, CIIP, NCECC GIZ staff (M&E, ESS & Gender specialists) 1,119,840 EUR
Desk review of all monitoring guidelines of Components 1, 2 and 3 to check if Safeguards & Gender requirements are fulfilled and feedback how to adapt the approaches accordingly.	Document review	Ongoing (for each guideline, prior to finalization)		
Quality checks of Safeguards & Gender data provided by the Executing Entities, including feedback on quality issues and reported figures.	Document review	Ongoing		
Analysis of incoming Safeguards & Gender information from implementors and GIZ staff (including adapting and fine-tuning approaches and quality of implementation)	Other (please specify) Data review	Ongoing (with particular emphasis of early implementation of each type of activity)		
Supervision of Safeguards & Gender Monitoring System design and quality assurance of all M&E related tasks (see above)	Other (please specify) Quality assurance	Ongoing		
Reporting of Safeguards & Gender information to the GCF, BMZ, the Governments of the KGZ, TJK and UZB, and other stakeholders	Other (please specify) APR	Annually (and more frequent, if required)		

1. Evaluation

Type	Timing	Independent/self-evaluation	Indicative budget
<i>Formative</i>	Mid-term	Independent	295,747 EUR (from AE Fee request)
<i>Summative</i>	End of programme	Independent	295,747 EUR (from AE Fee request)

Following the first participatory and midterm formative evaluations, the programme will implement **several key learning mechanisms to support adaptive management** (all due within 6 months after receipt of independent mid-term evaluation):

1. **Knowledge sharing workshops:** Discuss evaluation findings and share lessons learned among stakeholders to allow real-time adjustments to programme strategies and a culture of continuous improvement.
 - Responsible: M&E Expert
2. **Adaptive management feedback loops:** The Programme Management Unit (PMU) will review evaluation outcomes and recommend changes to the Programme Steering Committee (PSC) to ensure the programme remains responsive and strategies are refined as needed.
 - Responsible: Head of Programme
3. **Adaptive monitoring:** Adjust monitoring system to capture identified data and information more accurately until the end of the programme.
 - Responsible: M&E Expert