

# Annex 11

## M&E Plan

to the GCF Funding Proposal

*Land-based Mitigation and Adaptation through a Jurisdictional  
Approach in West-Kalimantan*

09/08/2024

Version 4.0

Submitted by:

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Monitoring				
Data/Source	Collection Tool	Frequency	Indicator	Indicative Budget (EUR)
<b>Monitoring &amp; Evaluation System</b>				
<b>Design a M&amp;E system</b> for all activities of Component 1, 2 and 3, including the integration of all data-items required for indicator monitoring including the programming of a <b>Cloud Database</b> to collect local information on the impact of social forestry interventions (MRV) and climate resilient value chains development.	Other (please specify)  Online system	<i>Inception phase</i>	<i>Core 1: GHG emissions reduced, avoided or removed/ sequestered</i>  <b>Mid-term target:</b> 3.6 million tCO <sub>2</sub> eq of avoided emissions and removals as compared to the baseline scenario  <b>Final target:</b> 15.4 million tCO <sub>2</sub> eq of avoided emissions and removals as compared to the baseline scenario	<i>300,000 (Int. Consultancy)</i>  <i>EUR 180.582 (Monitoring Equipment, Software, System)</i>
<b>Maintenance</b> of technical aspects (troubleshooting) including integration of established data-collection tools/templates and Monitoring Data into the system.	Other (please specify)	<i>Ongoing</i>	<i>Core 2: Direct and indirect beneficiaries reached</i>	<i>80,000</i>
<b>Stakeholder engagement activities</b> (e.g. workshops, focus groups)	Focus groups	<i>Ongoing</i>		
<b>Trainings</b> and ongoing coaching of project and EE staff to use the system and cloud database to extract data for national and project M&E systems.	Other (please specify)	<i>Ongoing</i>	<b>Mid-term Total direct beneficiaries:</b> 200,000 out of which 50% are women <sup>1</sup>	<i>50,000</i>

<sup>1</sup> The Indonesian government devised a specialised data tool, that is tailored towards measuring and monitoring the vulnerability of Indonesian communities. The Vulnerability Index Data Information System (SIDIK) is a tool (calculator-like, web-based/online) for calculating climate vulnerability and risks (flood, drought, forest and land fires). From the vulnerability perspective, SIDIK can calculate both general and sectoral-based vulnerability levels. SIDIK conducts rapid vulnerability analysis using 21 indicators, consisting of 97 biophysics and socio-economic data variables representing exposure, sensitivity, and adaptive capacity level. The tool consists of two main indices, the Indeks Kapasitas Adaptif (IKA), measuring the adaptive capacity and the Indeks Keterpaparan dan Sensitivitas (IKS), measuring exposure and sensitivity. A low IKA index and high IKS index means a low vulnerability, while a high IKA index and a low IKS index mean high vulnerability. They each consist of multiple sub-indicators. Both values are normalised between 0-1 and aggregate to a total vulnerability level expressed in whole numbers between 1 and 7, with 1 being the least vulnerable.

Baseline values for the five regencies and the province were captured and will be used to track future changes in adaption capacity and sensitivity.

More info can be found here: <https://publicadministration.un.org/unpsa/innovation-hub/Winners/2024-winners/Vulnerability-Index-Data-Information-System>

	Trainings			
<b>Mainstreaming of M&amp;E</b> aspects (including indicators) into annual planning (including facilitation of the planning process) and into approaches and guidelines of activities.	Other (please specify)  Planning	Annually	<b>Final</b> <b>Total direct beneficiaries:</b> 680,000 out of which 50% are women  4,800,000 <b>indirect beneficiaries</b> (of which 50% are women)  <i>Core 4: Hectares of natural resources brought under improved low-emission and/or climate-resilient management practice</i>  <b>Mid-term target</b> 2,000,000 ha <b>Final target</b> 6,700,000 ha  <i>Supplementary 4.1: Hectares of terrestrial forest, terrestrial non-forest, freshwater and coastal marine areas brought under restoration and/or improved ecosystems</i> <b>Mid-term target</b> 150,000 ha <b>Final target</b> 530,000 ha	GIZ staff – (M&E specialists etc.) EUR 896.316,40  EUR 82.563,50 (Travel Costs)
<b>Quality-checks</b> on M&E project and local data provided by EEs, including revision of protocols for collecting data, feedback on quality issues and finalized figures (to be used for data-analysis and reporting).	Other (please specify)  Data review	Ongoing		EUR 100,000 (Int. Consultants)

Analysis of incoming monitoring information & <b>feedback to implementers</b> and technical advisors (including adapting and fine-tuning approaches and quality of implementation, and workshops).	Other (please specify)  Data review	<i>Annually (and more frequent, if required)</i>		<i>EUR 350,000 (Int. Consultants)</i>
<b>Supervision</b> of M&E System design and quality assurance of all M&E related tasks (see above) & Management of M&E Team.	Other (please specify)  Quality assurance	<i>Ongoing</i>		
Analysis of incoming monitoring information & <b>reporting</b> to the GCF, GIZ, Government of Indonesia and other stakeholders including travels.	<i>Other (please specify)</i>  Data review	<i>Annually (and more frequent, if required)</i>		
Carry out of <b>subject specific</b> surveys on improvement of local economic opportunities and capacities of direct beneficiaries including printing surveys and communication materials.	Survey/questionnaire	<i>Baseline, Mid-term, End of project</i>		<i>EUR 200,000 (Int. Consultants)</i>
<b>Safeguards Monitoring System</b>				
<b>Integrate Safeguards and Gender aspects</b> (incl. Grievance Redress Mechanism Complaints) to monitor and mitigate into data-collection tools/templates for all activities of Components 1, 2 and 3	Document review	<i>Ongoing (for each activity, prior to its initiation)</i>	The system is to be established in a cross-cutting way, including all indicators and data-items to monitor from the: - Environmental and Social Management Plan (ESMP) - Gender Action Plan (GAP) - Indigenous Peoples Plan (IPP)	<i>As part of the M&amp;E system mentioned above</i>
<b>Mainstreaming</b> of Safeguards and Gender aspects (including indicators) into annual and quarterly planning (including facilitation of the planning process) and into approaches and guidelines of activities	Other (please specify)	<i>Quarterly and annually</i>	Guidelines with Safeguard and Gender aspects developed	

	Planning			
<b>Desk Review of all guidelines</b> of Components 1, 2 and 3 to assess, in as far Safeguards requirements are fulfilled and feedback, how to adapt the approaches accordingly.	Document review	<i>Ongoing (for each guideline, prior to finalization)</i>	Guidelines with Safeguard and Gender aspects reviewed	<i>GIZ- Safeguards and Gender advisor (not listed under M&amp;E budget)</i>
Contracting of <b>Village-Safeguards Facilitators</b> , (including travel costs) to monitor and mitigate safeguards compliance of village-level activities with a focus on IPs	Field observation visits	<i>ongoing</i>	Contracts signed	<i>EUR 75,000 (Local Consultants)</i>
<b>Conflict sensitive</b> reflection cycle on reception of project activities in the regions	GIS data	<i>Quarterly</i>	Guidelines with interview protocols	<i>GIZ, ESS and Gender experts (see above)</i>
<b>Quality-checks</b> on Safeguards and Gender monitoring data provided by implementation partners, including feedback on quality issues and finalized figures (to be used for data-analysis and reporting)	Document review	<i>ongoing</i>	Reports from implementation partners	<i>GIZ, ESS and Gender experts (see above)</i>
Analysis of incoming safeguards monitoring information & <b>implementation partners</b> (incl. GRM complaints) and technical advisors (including adapting and fine-tuning approaches and quality of implementation)	Other (please specify)  Data review	<i>ongoing (with particular emphasis of early implementation of each type of activity)</i>		<i>GIZ, ESS and Gender experts (see above)</i>
<b>Supervision</b> of Safeguards & Gender Monitoring System design and quality assurance of all M&E related tasks incl. GRM complaints (see above)	Other (please specify)  Quality assurance	<i>ongoing</i>	Documentation on supervision processes	<i>GIZ- M&amp;E &amp; ESS and Gender) specialists (see above)</i>

Analysis of incoming safeguards information, monitoring & <b>reporting</b> to the GCF, GIZ and other stakeholders	Other (please specify)  Data review	<i>Annually (and more frequent, if required)</i>	Documentation on analysis	<i>GIZ- M&amp;E &amp; GIZ ESS and Gender specialists (see above)</i>
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Evaluation			
Type	Timing	Independent/Self-evaluation	Indicative Budget
<i>Participatory</i>	Baseline, Mid-term, End of project	<b>Independent</b>	<i>already budgeted above</i>
<i>Formative</i>	Mid-term	<b>Independent</b>	
<i>Summative</i>	End of project	<b>Independent</b>	

Following the first participatory and midterm formative evaluations, the project 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 project strategies and a culture of continuous improvement.

- Responsible: M&E Expert

2. Adaptive Management Feedback Loops: A dedicated committee within the PMU will review evaluation outcomes and recommend changes to the steering committees for approval to ensure the project remains responsive and strategies are refined as needed.

- Responsible: Programme Director

3. Learning and Improvement Plan: Document lessons and integrate them into future phases to guide adaptive management by tracking and implementing lessons learned.

- M&E Expert

4. Capacity Building Initiatives: Enhance stakeholder skills based on evaluation insights to empowers stakeholders to contribute effectively to the project's adaptive management.

- Responsible: HCD Expert

5. Adaptive Monitoring: Adjust monitoring system to capture identified data and information more accurately in the second term.

- Responsible: M&E Expert