



Annex 11: Monitoring and evaluation plans

Project Monitoring and Evaluation Plan

Monitoring				
Data/Source	Collection Tool	Frequency	Indicator	Indicative Budget
Project Area,	<p><i>Other (please specify)</i></p> <p>Field observation, Stakeholders map, documents review, focus group, key informants, government data/records, CDM verification</p>	<p><i>Bi-annual, after operationalization of well</i></p>	<ul style="list-style-type: none"> • GHG emissions reduced avoided or removed/sequestered • Installed renewable energy capacity (MW) • Renewable energy generated (MWh) • Direct and indirect beneficiaries reached • Beneficiaries (female/male) adopting improved and/or new climate-resilient livelihood options (number of individuals) • Beneficiaries (female/male) with more climate-resilient water security • Beneficiaries (female/male) with improved food security • Degree to which GCF investments contribute to strengthening institutional and regulatory frameworks for low emission climate-resilient development pathways in a country-driven manner • Degree to which GCF investments contribute to technology deployment dissemination development or transfer and innovation • Degree to which GCF Investments contribute to market development/transformation at the sectoral local or national level • Degree to which GCF investments contribute to effective knowledge generation and learning processes and use of good practices methodologies and standards 	926,996
	<p>Data provided by smart meters, Field observation visits</p> <p>Policies, framework strategies and standards</p>	<p><i>Annual</i></p>	<ul style="list-style-type: none"> • Number of households benefiting from irrigation system and potable water supply • Number and quality of policies, framework strategies and standards introduced. • Number of trained technical and/or policy experts 	



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	Training records, key informant interviews			
	Survey, KII, FGD, documents review, expert review	<i>Annually</i>	<ul style="list-style-type: none"> • Number of local employment opportunities created. • Increase in local economic activities • Number of individuals trained. • Number of sustainable water supply systems designed and operated • Number of women in leadership positions. • Number of girls enrolled in education programs • Number of households with improved food security. • Increase in agricultural productivity • Number of households with access to safe drinking water. • Reduction in water-borne diseases 	
	Field observation, periodic reports, construction records, registration records, training attendance records, meeting records, Survey data, Fund disbursement records, Financial records, Beneficiary business surveys, Policy documents, expert reviews, regulatory audits, key informant interviews, training reports	<i>Quarterly, bi-annual, annual</i>	<ul style="list-style-type: none"> • Number of solar water pumps installed, • Functionality of installed pumps, • Reduction in diesel pump usage, • Kilometres of irrigation system, • Number of water points, • Number of cattle troughs, • # of IUAs/Water Use Associations established • •# of male and female farmers trained • Increase in women participation in water management, • Number of revolving fund schemes, • Number of beneficiaries accessing the fund, • Number of policies/frameworks established, • Number and overall share of wells equipped with digital payment and metering systems • # of Business models co-created • Share of women-led agro-businesses associated with SWP technology • # of trained technicians; • Existence (yes/no) and quality of the knowledge-sharing and coordination platform 	
			Total Monitoring budget in USD	926,996

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Evaluation			
Type	Timing	Independent/Self-evaluation	Indicative Budget
<i>Impact</i>	Mid-term	Independent	USD 142,500
<i>Formative</i>	Final-term	Independent	USD 150,000
Total Evaluation cost (USD)			USD 292,500

Note: The budget for mid-term evaluation is USD 142,500, and for the final evaluation is USD 150,000. This budget reflects the combined contributions from both the GCF and MOF (co-financing). The costs presented in Annex 12, USD 64,125 for mid-term evaluation and USD 67,500 for final evaluation, reflect only the GCF contribution to the Evaluation cost. Annex 4 reflects the Government's (MOF) contribution to the evaluation cost, i.e., USD 78,375 for mid-term and USD 82,500 for final evaluation cost. Overall, the AE fee (Annex 12) appropriately reflects only the GCF financing as intended, while Annex 11 presents the comprehensive M&E budget including both GCF and MOF contributions.