Please enter activities and deliverables in line with the Response plan
Indicate expected timeline

Project title: Market assessment in the application of climate technologies in the agriculture sector for rural development in Cambodia
Implementing partner: Sustainable Solutions for Africa (SSA)

Activities		Deliverables		Timeline											
#	Description	Description	Delivery date (DD/MM/YYYY)	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1	**Development of Response Plan, implementation planning and communication documents**														
1.1	**Response Plan**	**Response plan**	**31/8/2023**												
1.1.1	Drafting response plan using the template		3/8/2023												
1.1.2	Discussion of the response plan		10/8/2023												
1.1.3	Refinement of the response plan as an ongoing process		25/9/2024												
1.2	**Implementation Plan**	**Implementation Plan**	**30/9/2023**												
1.2.1	Drafting implementation plan for Local consultants onboarding	Local consultant contracts	15/8/2023												
1.2.2	Consultations on implementation plan at kick-off and coordination calls.	Summary of the meeting	20/8/2023												
1.2.3	Identify key stakeholders in the agriculture and water sectors, streamlining of implementation plan		20/8/2023												
1.2.4	Finalizing implementation plan		25/9/2024												
1.3	**Monitoring and evaluation Plan**	**Monitoring and evaluation Plan**	**30/9/2023**												
1.3.1	Drafting M&E plan		5/9/2023												
1.3.2	Review indicators, the monitoring schedule, and a data		8/9/2023												
1.3.3	Finalizing M&E plan		25/9/2024												
1.4	**Impact Description (initial and final version)**	**Impact Description (ID)**	**30/9/2023**												
1.4.1	Establish the baseline and justify goal estimations, baseline data collection		13/9/2023												
1.4.2	Drafing and team review of the initial impact description	Initial version of ID	20/9/2023												
1.4.3	Ongoing data collection and evaluation for the final version of impact description		ongoing												
1.4.4	Finalize impact description	Final version of ID	25/6/2024												
1.5	**Closure and Data Collection Report**	**Closure and Data Collection Report**	**30/6/2024**												
1.5.1	Gather data for the report throughout the project		ongoing												
1.5.2	Plan, collect, and report on stakeholder feedback.		ongoing												
1.5.3	Evaluate the data and provide insights on project achievements, challenges, and recommendations.		20/6/2024												
1.5.4	Finalize the report		25/6/2024												
2	**Comprehensive knowledge of climate technologies for adaptation and mitigation, operational considerations, business models, governance, and regulatory and policy frameworks**														
2.1	**Kick-off workshop (2 days)**	**Workshop report**	**31/10/2023**												
2.1.1	Make list of key stakeholders (preferably English speaking) with contact details from the agriculture and water sectors, as well as experts in climate technologies and policymakers.		5/10/2023												
2.1.2	Secure the venue, interpreters, and other logistics for the workshop.		5/10/2023												
2.1.3	Send out invitation for the workshop with registration for confirmation purpose.		5/10/2023												
2.1.4	Design the workshop agenda, including key discussion topics, presentations, and consultation sessions in collaboration with the project team.		10/10/2023												
2.1.5	Prepare data collection forms, plan data collection activities during and after the workshop		10/10/2023												
2.1.6	Facilitate the workshop to ensure active participation and information exchange.		19-20/10/2023												
2.1.7	Document the discussions and feedback from stakeholders.		26/10/2023												
2.1.8	Draft, discuss, and finalize workshop report		26/10/2023												
2.2	**Estimate the potential of savings in GHG emissions and adaptation impact.**	**Part of the synthesis report**	**30/11/2023**												
2.2.1	Conduct research on the current emission levels in the agriculture and water sectors.		31/10/2023												
2.2.2	Research and gather data on potential climate technologies and their emission savings.		31/10/2023												
2.2.3	Identify tools, methodologies, and evaluate the adaptation impact of each solution in terms of resilience to climate change, especially in relation to		31/10/2023												
2.2.4	Based on assessments, identify high impact relevant technologies for Cambodia's agriculture and water sectors.		31/10/2023												
2.2.5	Design estimation calculation to project potential savings and impacts with the implementation of identified technologies.		31/10/2023												
2.3	**Investigate business models, governance and regulatory and policy frameworks in Cambodia.**	**Part of the synthesis report**	**30/11/2023**												
2.3.1	Review existing literature and studies on business models being used for similar climate technologies in other regions.		3/11/2023												
2.3.2	Make an overview of current pertinent governance structures and regulations. Partially data can be collected during the workshop.		3/11/2023												
2.3.3	Analyze the gaps and opportunities in the current regulatory and policy framework that can facilitate or hinder the adoption of climate technologies, provide solutions.		3/11/2023												
2.3.4	Study and propose potential business models tailored to Cambodia's rural development context. Suggest existing programs, pilots, and technologies, including their outcomes and impact. Evaluate how the current program can be enhanced and contribute to the agenda, providing relevant examples.		3/11/2023												
2.3.5	Stakeholder Consultations: Engage with technology providers, experts, and local users to gather insights on the practicalities, capabilities, and limitations of each technology		3/11/2023												
2.4	Conduct cost analysis.	**Part of the synthesis report**	**30/11/2023**												
2.4.1	Identify and describe the costs associated with the adoption of each climate technology, considering the entire lifecycle of the technology.		15/11/2023												
2.4.2	Evaluate financial benefits, such as savings from reduced emissions, improved resilience, or increased agricultural productivity.		15/11/2023												
2.4.3	Compare the costs and benefits to provide a clear BCR (benefit-cost ratio) or ROI (Return on Investment) projection for each technology.		15/11/2023												
2.4.4	Explore potential financing and funding sources, including international climate funds, national subsidies, and private sector investments.		15/11/2023												
2.5	**Create an inception report for rural development, including the agriculture and water sectors and the application of climate technologies.**	**Inception report**	**30/11/2023**												
2.5.1	Compile findings from Activities 2.2, 2.3, and 2.4.		24/11/2023												
2.5.2	Write a detailed overview of the current status of Cambodia's agriculture and water sectors in the context of climate change and resilience.		24/11/2023												
2.5.3	Provide recommendations for the adoption of specific climate technologies, supported by the data and analysis conducted.		24/11/2023												
2.5.4	Highlight potential challenges and solutions in implementing the recommended technologies.		24/11/2023												
3	**Understanding of the capabilities and limitations of climate technologies in the water and agriculture sectors that would lead to assessing challenges associated with its implementation and finding solutions to integrate project outcomes to a GCF Concept Note**		**29/2/2024**												
3.1	**Analyse the application of climate technologies to the agriculture and water sector for rural development.**	**Part of the synthesis report**	**22/12/2023**												

3.1.1	List Case Studies: Identify a few regional or similar country case studies where specific technologies have been applied and note their outcomes, both positive and negative.		20/12/2023													
3.1.2	Field Visits: Organize a few field visits to relevant pilot projects in Cambodia, if available, to understand the ground-level application and challenges faced. Provide report and pictures from the field trip to the farmers and vendors.		20/12/2023													
3.1.3	Record findings and update data		20/12/2023													
3.2	**Draft a synthesis report including the identification of technologies, benefits, challenges, solutions and project pipeline.**	**Synthesis report**	**29/2/2024**													
3.2.1	Update list of identified technologies and cost-benefit analysis, if applies.		31/1/2024													
3.2.2	Benefits elaboration: For each technology, describe the potential benefits like GHG emissions reduction, enhanced agricultural productivity, water conservation, resilience to climate variability, etc.		31/1/2024													
3.2.3	Stakeholder Feedback: Before finalizing the report, get feedback from key stakeholders to ensure the report's recommendations are pragmatic and grounded.		31/1/2024													
3.2.4	Provide a gender equality status quo and how the program can contribute.		31/1/2024													
3.2.5	Internal review of the Synthesis Report.		31/1/2024													
4	**Understanding of the financial limitations to piloting, adoption and expansion of the technologies with references to existing applications and case studies**															
4.1	**Consolidate best practices with demonstrated examples, tools, methods, implementation challenges and costs on the application of technologies.**	**Part of the final report**	**30/6/2024**													
4.1.1	Gather first-hand information on their challenges, costs, and strategies.		12/4/2024													
4.1.2	Source data on costs, benefits, and effectiveness of the technologies when implemented in different contexts.		12/4/2024													
4.1.3	Update a set of case studies, highlighting the unique challenges and solutions of each case.		12/4/2024													
4.2	**Provide policy and action recommendations.**	**Part of the final report**	**30/6/2024**													
4.2.1	Current policies analysis: Analyze Cambodia's current policies related to agriculture, water, and climate technologies.		19/4/2024													
4.2.2	Gap analysis: Identify policy gaps hindering the adoption of these technologies.		19/4/2024													
4.2.3	Draft recommendations on policy, ensuring they align with Cambodia's broader developmental and environmental goals.		19/4/2024													
4.3	**Financial instruments consultation workshop**	**Workshop report**	**31/5/2024**													
4.3.1	Engage on the current financial landscape, potential financial instruments, and a profile on the Foreign Trade Bank of Cambodia (FTB).		25/4/2024													
4.3.2	Identify stakeholders for the workshop (preferably English speaking) with email contacts. Invite the stakeholders, including representatives from FTB, local financial institutions, experts in climate financing, and other potential co-financing institutions. Organize invitation for the workshop.		25/4/2024													
4.3.3	Secure the venue, interpreter, and other logistics for the workshop. Send out invitations.		25/4/2024													
4.3.4	Design the workshop agenda, including key discussion topics, presentations, and consultation sessions in collaboration with the project team.		25/4/2024													
4.3.5	Facilitate the workshop to ensure active participation and information exchange.		15/5/2024													
4.3.6	Conduct data collection and feedback survey, analyze the data and include the report. Document the outcomes of the workshop with a summary of discussions, key takeaways, suggested financial instruments, and recommendations for next steps, especially the suggested financial instruments and their feasibility in the Cambodian context.		20/5/2024													
4.4	**Provide suggestions on applying the project outcomes to a GCF Concept Note.**	**Recommendations**	**31/5/2024**													
4.4.1	Based on the analysis, draft suggestions on how to best position the project outcomes for a GCF Concept Note.		25/5/2024													
4.5	**Draft a final report**	**Final report**	**30/6/2024**													
4.5.1	Compile the data for the final report, draft and review the final report		20/6/2024													
4.5.2	Other project reports to finalise the assignment and use of budget.		30/6/2024													