

Impact Statement Form

Impact Statement	
Challenge	<p><i>Approximately 500 characters with space</i></p> <p>In Cambodia, agricultural efficiency and climate resilience in rural areas confront challenges like limited technology know-how, low awareness of eco-friendly alternatives, outdated farming costs, and gaps in adaptive knowledge. Key obstacles include a scarcity of understanding or limited access to green technologies, absence of supportive policies, high initial costs without tailored financing, no comprehensive green tech database, and weak connections between rural Cambodians and tech/service providers. Addressing these can strengthen Cambodia's rural climate resilience.</p>
CTCN assistance	<p><i>2 to 4 bullet points. Approximately 450 characters with space</i></p> <ol style="list-style-type: none"> 1) Identify climate technologies in Cambodia's agriculture sector for rural development to aid in implementing its NDCs, and network to promote adoption of these technologies. 2) Draft an inception report assessing climate technologies for rural development. 3) Release a synthesis report analyzing the application of climate technologies to the agriculture and water sectors in rural areas, barriers and avenues for scaling up. 4) Evaluate financial barriers to piloting, adopting, and expanding technologies, referencing existing applications and case studies to unlock financing potential.
Anticipated impact	<p><i>2 to 4 bullet points. Approximately 250 characters with spaces. Include at least one of the core impact indicators from the Closure Report.</i></p> <ol style="list-style-type: none"> 1) Enhanced collaboration & knowledge Strengthened stakeholder engagement and heightened understanding of climate technologies in Cambodia's sectors. 2) Promotion of climate tech Prioritized promotion of feasible climate technologies within Cambodia's agricultural and water landscapes. 3) Capacity building & training Emphasis on training sessions, enhancing local capacities to understand, adopt, and benefit from promoting adoption of climate technologies. 4) Scalable resilience blueprint Formulating a foundational strategy for climate resilience with policy gap identified, aligning efforts for potential GCF Concept Note integration.
Anticipated co-benefits from the TA	<p><i>Instruction: Please indicate expected co-benefits as described in the response plan and in the relevant deliverables</i></p> <p>The program implementation will co-tail a number of co-benefits:</p> <ul style="list-style-type: none"> - Stakeholder Alignment and Collaboration: The emphasis on stakeholder engagement, particularly through workshops, ensures that all key players – from governmental bodies to private entities – are aligned in their objectives and can collaborate more effectively. This could lead to better resource sharing, knowledge exchange, and enhanced cooperation in future projects.

	<p>- Knowledge Capital: With the creation of reports, workshops, and evaluations, there's a generation of substantial knowledge capital. This can be used as a reference for other similar projects, not just in Cambodia but potentially in other countries with similar challenges.</p>
<p>Gender aspects of the TA</p>	<p><i>Instruction: Please indicate if technical assistance will be supported by a gender analysis. Describe expected gender benefits as described in the response plan and in the relevant deliverables</i></p> <p>The CTCN technical assistance emphasizes gender equality and inclusivity. The gender-responsive approach ensures equitable opportunities for both genders in climate technologies within Cambodia's agriculture and water sectors. Gender aspects are highlighted through:</p> <ol style="list-style-type: none"> 1) Policymaking Advocacy for policies addressing the unique needs and challenges women face in these sectors. 2) Knowledge dissemination Emphasis on the gender-related benefits of climate technologies and facilitating women's access to resources. 3) Equal participation Ensuring balanced representation in project activities, including workshops and decision-making forums, while engaging women-led businesses and organizations. 4) Co-benefits The resulting GCF Concept Note will prioritize green job and business opportunities for women as a key indicator.
<p>Anticipated contribution to NDC</p>	<p><i>2 to 4 bullet points. Approximately 350 characters with spaces.</i></p> <p>The CTCN's technical assistance supports mitigation projects/activities and adaptation actions embedded in Cambodia's updated NDC, in particular:</p> <ol style="list-style-type: none"> 1) Harvesting and post-harvesting techniques, agro-food processing incl. solar cooling, food product saving and packaging, 2) Bio-digester and biochar production, manure management, and compost-making, 3) Water management for improved crop production, improved quality-safety (incl. solar water pumping, hydroponics, and rainwater harvesting system).
<p>The narrative story</p>	<p><i>Approximately 1200 characters with spaces</i></p> <p><i>Please provide a brief description of the background and context for the technical assistance. Describe the main problems and barriers for climate change mitigation and/or adaptation in terms of climate technologies that the CTCN technical assistance will address.</i></p> <p>Cambodia, with its agricultural vitality, grapples with intensifying climate challenges. Committed to a low-carbon and climate-resilient future, the nation actively integrates climate policies at both national and sub-national levels. Yet, its prominent position in climate adaptation highlights the vulnerability it still faces. To address these, Cambodia prioritizes climate adaptation and mitigation, advocating for inventive financing and technology</p>

	<p>adoption to harness its vast untapped water and renewable energy resources.</p> <p>Despite the nation's progress, rural Cambodian communities confront multiple challenges. From inadequate awareness of climate-smart technologies to financial constraints, high operational costs due to outdated practices, and lack of local policy support — the barriers have many folds. Climate-induced stressors further aggravate these challenges: frequent droughts, erratic rainfall, and changing climate patterns threaten water resources, risking decreased surface water availability in rural zones.</p> <p>This backdrop underscores the CTCN's technical assistance's vital role. By championing climate technologies, nurturing stakeholder alliances, and offering capacity-building avenues, it aims not merely to address immediate needs but to lay a resilient, sustainable, and inclusive foundation for Cambodia's growth. Tackling the barriers—be it technology awareness, supportive policies, financial hurdles, or effective linkages—stands central to this mission, ensuring that Cambodia's rural heartland thrives in a climate-conscious era.</p>
<p>Contribution to SDGs</p>	<p><i>To the extent possible, please describe contribution to approximately 3 SDGs, including SDG13, with a few sentences for each SDGs concerned. A complete list of SDGs and their targets is available here: https://sustainabledevelopment.un.org/partnership/register/.</i></p> <p>This program will contribute primarily to three SDGs.</p> <p>SDG1 - No Poverty By fostering sustainable agricultural practices and promoting green technologies, the TA can potentially boost rural incomes, reduce vulnerabilities, and play a significant role in poverty eradication. Enhanced agricultural yields and agro-business opportunities can lead to improved livelihoods and economic empowerment for rural communities.</p> <p>SDG2 - Zero hunger By enhancing agricultural efficiency and resilience, the TA combats food scarcity, aiming for sustainable food production, which is integral in ensuring food security.</p> <p>SDG5 - Gender equality The program's emphasis on a gender-inclusive approach ensures equal opportunities for both genders in climate tech adoption, promoting gender equity in agriculture.</p> <p>SDG13 - Climate action The TA will foster a comprehensive understanding of climate technologies for adaptation and mitigation, as well as operational considerations, business models, governance, and regulatory and policy frameworks, thereby facilitating informed decision-making and enabling effective climate change actions in the water and agriculture sectors.</p>
<p>Reference to knowledge products</p>	<p><i>Please indicate if any UNFCCC Technology Executive Committee (TEC) knowledge products (publications, briefs, tools etc.) were used in the development of the TA request and/or are envisaged to be used during implementation of the technical assistance.</i></p> <p><i>Link to TEC knowledge database:</i> https://unfccc.int/ttclear/tec/documents.html</p>

	<p><i>Which knowledge products do you envisage to use? Please list</i></p> <p>UNFCCC TEC knowledge products are instrumental in this program planning and implementation:</p> <ol style="list-style-type: none">1. Technology and NDCs: Stimulating the Uptake of Technologies in Support of NDC Implementation Relevant to Output 2 and Output 3: This publication outlines the critical interplay of technology in NDCs, spotlighting technological needs and challenges. By presenting success stories from different regions, it aids in gaining a comprehensive understanding of climate technologies for adaptation and mitigation, along with the challenges of their implementation.2. Summary for policymakers: Good practices and lessons learned on the setup and implementation of National Systems of Innovation Relevant to Output 1, Output 2, and Output 4: Designed for policymakers, this summary offers insights into strengthening National Systems of Innovation in climate action. Its two-step approach to analyzing NSIs and the recommendations provided can guide the development of response plans, offer insight into governance and regulatory frameworks, and help address financial constraints related to technology adoption. <p>These resources serve as foundational pillars for the program's outcomes, ensuring a knowledge-driven approach to achieve Cambodia's climate resilience and sustainable development goals.</p>
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