
Advisory Board to the Climate Technology Centre and Network

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AB/2024/24/17

CTCN Annual Operating Plan and Budget for 2025

Implementation of Year 3 of the Third CTCN Programme of Work (2023-2027)

Abbreviations and acronyms

AOP	Annual Operating Plan
COP	Conference of the Parties
CTCN	Climate Technology Centre and Network
GCF	Green Climate Fund
GEF	Global Environment Facility
KMS	knowledge management system
LCIPP	Local Communities and Indigenous Peoples Platform
NDA	National Designated Authority
NDC	nationally determined contributions
NDE	National Designated Entities
NSI	National System of Innovation
PCCB	Paris Committee on Capacity Building
PoW	Programme of Work
RMP	Resource Mobilization and Partnership
RD&D	Research, development, and demonstration
SB	sessions of the subsidiary bodies
SBI	Subsidiary Body for Implementation
SBSTA	Subsidiary Body for Scientific and Technological Advice
TEC	Technology Executive Committee
TNA	technology needs assessment
TAP	technology action plan
UNEP	United Nations Environment Programme
UNFCCC	United Nations Framework Convention on Climate Change
WGC	Women and Gender Constituency
YCI	Youth Climate Innovation
YOUNGO	Youth NGO Constituency
WIPO	World Intellectual Property Organization

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I. Introduction

2025 marks the Climate Technology Centre & Network's (CTCN) 11th year of operation and third year of implementation under its Third Programme of Work (2023-2027) (PoW)¹. The PoW is embedded within the first Joint Work Programme of the Technology Mechanism (2023-2027)², which comprises activities and common areas of work between the TEC and the CTCN, the rolling workplan of the TEC, and the POW of the CTCN. The PoW continues to deliver on the CTCN's mandate to respond to country-driven requests, while aiming to enhance transformational impact and scale across its core service areas through two proven technology enablers (national system of innovation and digitalization) and five system transformations (water-energy-food nexus; buildings and infrastructure; sustainable mobility; energy systems, and business and industry).

The CTCN proposes annual operating plans (AOPs), which provide detail on the specific activities to be carried out annually, in line with the resources available to support its operations and its PoW. Where applicable, budget amounts for planned activities are specified while some activities are funded through the CTCN's operational budget, utilizing existing staff time and resources. Estimated budget amounts are not intended to be precise but to provide general indications.

The following sections describe the activities that the CTCN will implement in 2025. The AOP for 2025 follows the same format as previous AOPs to maintain consistency and ensure alignment with the five key themes of the Technology Framework. Under each theme, CTCN activities are distinguished under the key CTCN service areas of technical assistance, capacity-building, and Knowledge sharing.

Key policies and project documents that will continue to guide the implementation of CTCN activities include the CTCN's updated Gender Action Plan (2023-2027)³, which will promote gender mainstreaming in technology implementation and help identify gender-specific opportunities through participatory, multi-stakeholder processes. Additionally, the updated prioritization criteria for selecting technical assistance, approved at the 23rd CTCN Advisory Board meeting, and the CTCN's Resource Mobilization and Partnership (RMP) Strategy for 2023–2027 will also play crucial roles.

Established in 2022, the CTCN Partnership and Liaison Office (PALO) will enter its third year of operation in 2025, building on its accumulated experiences and lessons to enhance its activities. While PALO's functions are integrated into the CTCN's AOP and Budget for 2025, the office follows a dedicated work plan that outlines its specific focus areas. These include enhancing ongoing efforts in innovation and collaborative research, development, and demonstration; as well as capacity building of National Designated Entities (NDEs) and acting as a liaison with the Green Climate Fund (GCF). Additionally, the CTCN's Asia Pacific portfolio will now be managed from the PALO office, which will also oversee the pro-bono support provided for technical assistance projects.

¹ Available [here](#) f

² [51b7785f86b54889837fecbcb7aecb6b.pdf \(unfccc.int\)](#)

³ Available [here](#)

II. Annual Operating Plan for 2025

A. Technology Framework Theme: Innovation

Goal: Countries can accelerate innovation at different stages of the technology cycle through collaborative approaches.

In 2025, the CTCN will focus its activities under the technology framework theme of Innovation on several key initiatives aimed at shaping systems transformation in areas such as water-energy-food nexus, sustainable-mobility, buildings and infrastructure, energy systems, and business and industry. Central to these efforts is leveraging National Systems of Innovation (NSI) and digitalization as enablers for driving climate technology innovation across all sectors and sustaining the scale-up and transfer of climate technologies.

According to the CTCN's PoW, supporting NSIs involves fostering collaborative climate technology research, development, and demonstration (RD&D), including through promoting policies that create a conducive environment for innovation and enhancing public-private partnerships to drive progress. Digitalization as an enabler will involve leveraging digital tools to boost resilience in communities and bring significant potential in reductions in the global carbon footprint.

Activities under the Technology Framework theme of Innovation include:

Technical Assistance:

- **AFCIA phase I⁴** (5 yrs from Nov. 2020 – Oct. 2025): The 25 micro-grants supported by the CTCN under the AFCIA phase I programme will be finalized in 2025, at which point results and impact will be presented.
- **AFCIA phase II** (5 years from July 2024 – July 2029): Building on the success, experience and lessons learned from AFCIA I, a follow up programme – AFCIA II - has been approved for 10 million USD and will kick off in 2025. The programme will finance up to 60 technical assistance projects.
- **AFCIA coordination services** (3 years from approval): The CTCN has applied for a grant to manage the AFCIA coordination services for the coordination of all individual AFCIA programmes, together with other UN agencies and multilateral organizations, with 3.7 million USD potentially allocated to the CTCN. If approved, this will be formally announced at the Adaptation Fund steering committee meeting on the 10-11 October 2024.
- **Innovative Community-based Climate Technology for Communities at Risk of Conflicts due to Climate Impact⁵** (3 years Jan 2023 - Jan 2026): The programme, funded by the European Commission with 3 million USD, will continue to be implemented in 2025. By the end of 2024, the contracting phase of technical assistance providers is expected to be completed, enabling the rollout of all 10 technical assistance projects.
- **Connecting innovative climate solutions to countries' needs** (3 years Dec 2023 – Dec 2026): The programme, funded by the European Commission with 2 million USD, will

⁴ <https://www.ctc-n.org/technical-assistance/adaptation-fund-climate-innovation-accelerator-afcia>

⁵ <https://www.ctc-n.org/technical-assistance/climate-change-and-security>

continue into 2025. It focuses on delivering technical assistance that aligns innovative climate solutions with the needs of countries for transformative and inclusive climate action. A portfolio of seven projects has been selected for implementation.

- **TEC-CTCN initiative on Artificial Intelligence for Climate Action:** In April 2024, the CTCN Advisory Board and the TEC finalized the Workplan for the Technology Mechanism Initiative on AI for Climate Action (2024 - 2027)⁶ and agreed to proceed with carrying out activities contained therein. Activities for 2025 to be carried out by the CTCN include the implementation of technical assistance projects with components of AI as per the demand by the countries.

Capacity Building:

- **Second edition of the Youth Climate Innovation (YCI) Programme** (Sept 2024 – December 2025): The YCI has the objective of supporting young innovators across Africa, Latin America and the Caribbean (LAC), the Middle East and North Africa (MENA) and Asia Pacific to identify, develop and scale high-impact climate technology solutions. The programme started in September 2024 in collaboration with partners Seedstars and SAFEEM, as well as with the UNFCCC Youth NGO Constituency (YOUNGO). The programme consists of three phases:
 - Idea Labs: A 7-day online event where participants use design thinking tools to brainstorm climate solutions.
 - Incubator Phase: A 12-week online mentoring program to refine and test these solutions.
 - Accelerator Phase: A 4-week hybrid support program that includes funding and partnerships to fast-track the solutions.

At the end of 2025, two winning teams from each region will be invited to an in-person pitch event at COP 30. Additionally, mentorship, partnership, and private sector investor networks will be established to support participating teams during and beyond the YCI Programme.

- **TEC-CTCN initiative on Artificial Intelligence for Climate Action:** As part of the joint initiative, the CTCN will undertake activities in 2025 focused on building the capacity of NDEs in using AI for climate action. The capacity building will be led by the PALO office and may include an online programme aimed at reaching NDEs who did not participate in the 2024 Capacity Building programme on AI and/or the facilitation of a network engagement programme on AI that connects NDEs with Network members who have AI expertise.
- **National Digital Readiness Index:** In 2025, pending resource availability, the CTCN will build on its 2024 efforts by exploring two additional phases: enhancing local capacity to utilize and develop Digital Readiness Indices and expanding this approach across all CTCN transformational areas. This activity will be led by the PALO office.

Knowledge Sharing:

- **Collaborative RD&D Strategy:** In early 2025, the CTCN, led by PALO, will finalize its collaborative RD&D strategy to guide the CTCN's efforts to leverage partnerships, build local capacity, and drive the development and adoption of innovative technological solutions for climate action.
- **Technical Assistance Project Fact Sheets and Dashboard:** Twenty-five fact sheets will be created for the AFCIA I projects, and ten fact sheets will be developed for the

⁶ [cc306226d72e4dc9b52a1604bdf49a09.pdf \(unfccc.int\)](https://unfccc.int/cc306226d72e4dc9b52a1604bdf49a09.pdf)

EC Climate Change and Security programme. Additionally, a dashboard will be designed for AFCIA I to display impacts by geography and project. Videos will also be developed for selected AFCIA projects.

- **Collaborative RD&D Knowledge exchange:** Building on the experience of the knowledge exchange programmes held in 2024—including green hydrogen workshops, the voluntary technology talks in June, and the collaborative RD&D bridge-building workshop in October—the CTCN will replicate this experience in 2025. A new exchange programme will be organized aimed at introducing NDEs to emerging and proven climate technologies. This activity, led by the PALO office, will also create matchmaking opportunities with technology providers and foster collaboration in climate technology development and transfer. This initiative will be supported, through in-kind contributions, by the Korea Institute of Science and Technology and the Korea Institute of Energy Research, as well as additional budget implications, and will be based on expressions of interest from NDEs.
- **TEC-CTCN initiative on Artificial Intelligence for Climate Action:** As part of the joint initiative, activities for 2025 to be carried out by the CTCN include the development of an online platform of regional AI4ClimateAction network. This activity will be led by the PALO office.
- **Joint TEC-CTCN Taskforce on Digitalization:** Under this joint taskforce, the CTCN and the TEC will work together to disseminate information and raise awareness about the AI Application Hub, which was developed in collaboration with Enterprise Neurosystem.

B. Technology Framework Theme: Implementation

Goal: Countries have clear pathways and options to enhance climate technology development and transfer

In 2025, the CTCN will continue to assist countries to identify, prioritize and pilot technologies and facilitate the development and/or implementation of Nationally Determined Contributions (NDCs), Technology Needs Assessments (TNA), and Technology Action Plans (TAPs).

Activities under the Technology Framework theme of Implementation include:

Technical Assistance:

- **Support for developing technical assistance requests:** The CTCN will continue to guide and support NDEs in the formulation of requests for technical assistance.
- **Implementation of technical assistance requests:** The CTCN will oversee implementation of ongoing technical assistance projects currently in progress, as well as initiate the implementation of new requests from developing country NDEs. On average, 25-30 new requests will be supported in 2025 through resources from the CTCN multi-donor trust fund, as well as through earmarked funding from donors.
- **Technology Needs Assessments:** The CTCN will continue to offer technical assistance for the development and updating of Technology Needs Assessments (TNAs), including through potential GCF readiness funding. Currently, 1 TNA is being implemented, with new requests being designed for 5 countries.

Capacity Building:

- **Integrated Capacity Building in Technical Assistance Projects:** Capacity building activities will remain a key component of the response plans for technical assistance projects carried out in 2025. Capacity-building costs are directly embedded in the overall budget allocation for each technical assistance project (i.e. workshops, training sessions etc.).

Knowledge Sharing:

- **Analysis of CTCN-Implemented Technology Needs Assessments and Implementation of their Outcomes:** A knowledge product will be developed to analyze the CTCN's TNA portfolio, focusing on lessons learned and highlighting examples of successful implementation of Technology Action Plans.
- **Follow-up on technical assistance outcomes:** The CTCN will pilot the use of the post-implementation impact assessment form⁷ introduced at the 23rd CTCN advisory board meeting to assess technical assistance projects completed in the last five years, tracking progress and updates on the implementation of recommendations after CTCN support ends.

C. Technology Framework Theme: Enabling Environment & Capacity Building

Goal: Countries have enhanced enabling environments, including policy and regulatory environments to develop, transfer and deploy climate technologies.

The CTCN will continue to assist countries in developing and improving enabling environments, including policy and regulatory frameworks related to technology innovation, deployment, and transfer. Additionally, the CTCN will focus on building the capacity of developing countries to plan and implement systemic transformations in key areas such as buildings and infrastructure resilience, business and industry, sustainable mobility, energy systems, and the water-energy-food nexus.

Activities under the Technology Framework theme of Enabling environment and Capacity-Building include:

Technical Assistance:

- **Implementation of technical assistance requests:** The CTCN will continue to provide timely responses and manage technical assistance requests from developing country NDEs that create enabling environments and favorable market conditions for climate technologies.

Capacity Building:

- **Regional NDE Fora:** In 2025, the CTCN will organize regional NDE forums for Africa, Latin America and the Caribbean (LAC), and Asia-Pacific, and will also aim to organize these forums in conjunction with other relevant stakeholder meetings (e.g. UNFCCC Regional Climate Weeks, NDC events, or GCF Regional Dialogues) wherever possible.
- **Global Thematic Capacity-Building and Peer-to-Peer Learning for NDEs:** Based on

⁷ https://www.ctc-n.org/sites/default/files/AB-2024-23-20.2_H.Post-Implementation%20Form_UPD.pdf

the outcomes of the third Technology Mechanism NDE survey, the CTCN may develop and implement global thematic capacity-building programmes and peer-to-peer learning initiatives tailored for NDEs, focusing on one or more system transformation areas, and pending resource availability.

- One or two webinars for NDEs, Network Members, and implementing partners, offering education and training on gender and climate technologies. Additionally, conduct training sessions on specific gender and climate technology issues at regional fora, focal point workshops, COP, and other relevant climate technology events, as feasible.

Knowledge Sharing:

- **Knowledge Product aligned with the Global Capacity Building Programme:** The CTCN will develop a targeted knowledge product aligned with one of its ongoing capacity-building programmes. This initiative follows the successful example set by previous workshops, such as those focused on green hydrogen⁸. The knowledge product will be designed to support and enhance the specific objectives of the chosen programme, contributing to the broader goals of global capacity building. This activity is led by the PALO office.
- **Gender Mainstreaming Guidelines:** In line with the Gender Action Plan for 2025, the CTCN will develop sector-specific gender mainstreaming guidelines for the energy and buildings and infrastructure sectors as well as for National Systems of Innovation. These guidelines will be shared with technical assistance teams, project proponents and implementing partners to ensure that gender considerations are integrated into project planning and implementation processes.
- **Guidance on Gender-Mainstreaming Budget Calculation:** The CTCN will create a guidance note outlining a standardized methodology for calculating the percentage of the technical assistance budget allocated to gender-mainstreaming activities. This will ensure accurate and consistent reporting against targets.
- **Gender Expert Roster:** The CTCN will maintain and actively promote the Gender Expert Roster. The CTCN will implement a comprehensive communication campaign featuring regular spotlights on individual experts, detailed case studies, and success stories, all showcased through the CTCN website and newsletters.
- **Updated NDE Manual and NDE Onboarding:** The CTCN will publish and distribute the updated NDE manual, incorporating the latest CTCN processes. To support this release, a webinar may be organized to disseminate the information and address any questions from NDEs. This initiative will be linked to virtual NDE onboarding workshops that are planned throughout the year for each region.

D. Technology Framework Theme: Collaboration and stakeholder engagement

Goal: Stakeholders are actively engaged, and gain strengthened capacity to implement climate action through collaboration

The CTCN will continue to engage and mobilize its key stakeholders, including NDEs, Network

⁸ <https://www.ctc-n.org/resources/green-hydrogen-technologies-systems-transformation-national-strategies-plans-and-projects>

Members, and constituency groups, in accordance with COP and CMA decisions. To further this effort, the CTCN will strive to elevate engagement across its network, aiming to reach new levels of interaction among civil society, academic and research institutions, financial institutions, NDEs, and the private sector.

Activities under the Technology Framework theme of Collaboration and Stakeholder Engagement will include:

Technical Assistance:

- **Collaboration with the Global Cement and Concrete Association on cement decarbonization:** The CTCN will strengthen its collaboration with the Global Cement and Concrete Association (GCCA). Several technical assistance requests related to cement decarbonization, including roadmaps and technology feasibility studies, are currently being prepared based on country demand.
- **Global initiative on SF₆ management and phase-out:** The CTCN is coordinating with GIZ on the joint preparation of a global initiative on SF₆ management and phase-out with support from the Federal Government of Germany. The concept note is currently under development and initial discussions for fundraising for the global initiative have been initiated.

Capacity Building:

- **Collaboration under the Gender-Just Climate Solutions Programme:** Support for the Gender-Just Climate Solutions programme will continue for the implementation of activities from the 2024 edition of the programme, in partnership with the UNFCCC Women and Gender Constituency. The focus will be on the technology category to promote women's climate technology solutions.
- **CTCN Network engagement:** The CTCN will continue to develop and implement network engagement activities such as the workshop on Navigating TA bidding process. These workshops introduce the CTCN and its Technical Assistance processes, as well as brief pitches from network members, a Q&A session, and networking opportunities. This activity will be led by the PALO office.
- **NDE Logistical Support Request Mechanism:** The CTCN will continue actively exploring effective modalities for implementing the NDE Support mechanism, as discussed during the 23rd CTCN Advisory Board meeting and based on the updates provided at the 24th CTCN Advisory Board meeting.
- **Follow-Up on the Third Biennial NDE survey outcomes:** After analyzing the results of the third biennial UNFCCC Technology Mechanism NDE Survey, the CTCN will create a response plan to address any issues identified and begin implementing the necessary actions.

Knowledge Sharing:

- **WIPO- CTCN collaboration on Green Technology Database:** The CTCN will continue its collaboration with the World Intellectual Property Organization (WIPO) by implementing a joint dissemination plan to raise awareness and promote the WIPO GREEN – a clean Technology Database - as a valuable resource for NDEs, project proponents and Network Members by providing insights into innovation and technology options. Additionally, the CTCN will support efforts to disseminate the 2024 edition of the WIPO Green Technology Book which focuses on energy technologies whilst also contributing to the 2025 edition of the WIPO Green

Technology Book.

- **Collaboration with the LCIPP:** The CTCN will explore potential collaboration with the UNFCCC Local Communities and Indigenous Peoples Platform (LCIPP) to review and assess the CTCN's past and current work related to Indigenous Peoples and Local Communities in order to inform future work on this topic.
- **UNEP-CCC – CTCN collaboration:** The CTCN will continue its collaboration with the UNEP-Copenhagen Climate Centre (UNEP-CCC) on the 2025 edition of the Climate Technology Progress Report, actively contributing to its development through participation in the Steering Committee and contributing case studies from the CTCN technical assistance as relevant.
- **Communication and Outreach Initiatives:** The CTCN will continue to conduct a range of communications and outreach activities, including events, newsletters, traditional and social media engagement, videos, and web content, to inform and engage key stakeholders. The communications targets are outlined in the Communications and Visibility Strategy⁹, presented at the 23rd AB Meeting and operationalized in the 2025 Communications Workplan.

E. Technology Framework Theme: Support

Goal: Countries have access to financial support for technology scale up and implementation of technologies.

The CTCN Secretariat will continue the implementation of the RMP strategy for 2023 - 2027¹⁰ to secure sufficient funding for the realization of the objectives envisioned in the CTCN's PoW. In line with the RMP strategy, emphasis will be placed on strengthening and enhancing the relationship with existing donors and outreach to non-traditional donors - particularly philanthropies and multilateral development banks (MDBs) - to diversify funding streams.

The CTCN Advisory Board Resource Mobilization Taskforce will continue to guide the CTCN Secretariat's resource mobilization efforts. Taskforce members, along with the broader Advisory Board, will also be encouraged to actively participate in and champion resource mobilization activities for the CTCN's initiatives.

The implementation of the CTCN RMP strategy will adhere to UNEP's 2024 Partnership Policy and Procedures¹¹ which covers all partnership modalities and categories, providing a framework for processing resource mobilization and partnership efforts.

Activities under the Technology Framework theme of Support will include:

Technical Assistance:

- **Pro-bono technical assistance:** In 2025, the CTCN is preparing to execute 5-6 pro-bono Technical Assistance projects, which will be financed by the Korean and Japanese governments.

⁹ [Communications and Visibility Strategy](#)

¹⁰ https://www.ctcn.org/sites/default/files/AB2023.22.22.1_Resource%20Mobilization%20and%20Partnership%20strategy%20for%202023-2027_Endorsed.pdf

¹¹ <https://www.unep.org/civil-society-engagement/policies>

- **Strengthening Engagement with Financial Mechanism Focal Points in Technical Assistance Projects:** The CTCN will continue to promote closer engagement with country-level focal points throughout the implementation of technical assistance projects.
- **Supporting the Implementation of TA Outcomes:** The CTCN will continue to integrate activities into technical assistance projects that facilitate the implementation of outcomes after CTCN support. This will include developing concept notes and financing strategies as part of project deliverables and to promote pro-bono and in-kind support for scalability of TA outcomes. Targeted resource mobilization efforts will focus on scalability and actively promoting individual TAs and their outcomes to traditional and non-traditional donors. Creating linkages between implementing partners and potential funders on the ground is actively encouraged throughout the TA process by inviting private sector companies, IFIs and others to workshops and stakeholder meetings.

Capacity Building:

- **Facilitating NDE Engagement with Financial Mechanism Focal Points:** The CTCN will continue its involvement in GCF Regional Dialogues and support the participation of NDEs. Additionally, the CTCN will explore opportunities to organize joint events, similar to the 2023 event with the GCF that focused on synergies between the Technology Mechanism and the financial mechanism.

Knowledge Sharing:

- **Impact stories:** In line with the RMP strategy, the CTCN will develop between 5 to 6 impact stories to support resource mobilization efforts.

F. CTCN Policy Work and UNFCCC Engagement Activities

Additional activities undertaken by the CTCN as part of its policy work and collaboration with the UNFCCC, including joint efforts with the TEC, include:

- **Engagement with the TEC for the Implementation of the Technology Mechanism Joint Work Plan for 2023–2027:** The CTCN will continue ongoing collaboration with the TEC on the implementation of the joint work programme, guided by discussions from the April and September 2024 joint TEC-CTCN Advisory Board sessions. Key activities include, but are not limited to:
 - Advancing the Technology Mechanism Initiative for Artificial Intelligence according to its work plan.
 - Operating joint taskforces, such as those on digitalization and Monitoring and Evaluation, established in 2024.
 - Continued involvement of the CTCN in TEC Activity Groups.
 - Hosting joint technology mechanism events during the SBs and COP.
- **Engagement with various UNFCCC processes and initiatives, including:**
 - **The Adaptation Committee:** The CTCN has a designated liaison who interacts with the Adaptation Committee, specifically for the Committee’s meetings. The

CTCN will continue to attend meetings and provide information on adaptation-related activities of the CTCN.

- **The Paris Committee on Capacity Building (PCCB):** The CTCN will continue to provide information on its capacity-building activities for inclusion in the PCCB's reports.
- **The Executive Committee of the Warsaw International Mechanism for Loss and Damage (WIM ExCom):** The CTCN has a designated liaison who is a member of the WIM ExCom's Expert Group on Action and Support and attends meetings and contributes relevant information about CTCN activities.
- **The Green Climate Fund:** The CTCN will continue and strengthen its engagement with GCF including through:
 - **GCF Structured Dialogues:** The CTCN will continue to strengthen its engagement during GCF Regional Dialogues, with a focus on facilitating NDE participation. This effort includes exploring opportunities to organize joint sessions that highlight the linkages between technology and financial mechanisms.
 - **GCF readiness programme:** The CTCN plans to explore ways to re-engage more actively with the GCF Readiness Programme while within the UNEP framework for engagement with the GCF.
 - **NDE-NDA Engagement:** The CTCN will showcase and bring visibility to successful case studies that demonstrate positive examples of NDE-NDA collaboration and the upscaling of CTCN Technical Assistance into GCF projects.
 - **Joint Webinars and Workshops:** The CTCN will seek opportunities to co-develop, where possible, one or two webinars or workshops with the GCF on topics relevant for both organizations.
 - **Ongoing Engagement:** The CTCN will maintain engagement with the GCF, particularly through the PALO office, by inviting GCF representatives to relevant meetings and activities. This includes extending invitations for GCF participation in discussions and when NDE delegations visit PALO.

III. Targets for 2025

Actions & Activities (as per the POW)	Updated Indicators (As approved at CTCN AB 22)	Targets for 2025	Means of Verification
Impact indicators	Anticipated metric tons of CO2 equivalent (tCO2e) emissions reduced or avoided as a result of CTCN TA (disaggregated by annual and life of project)	No target	TA Closure Report
	Anticipated number of direct and indirect beneficiaries as a result of the TA	No target	TA Closure Report
Innovation			

Intended outcome (from POW): Countries can accelerate innovation at different stages of the technology cycle through collaborative approaches.

1.1 Support policies, institutional and regulatory frameworks and planning processes on innovation and strengthening National Systems of Innovation	Number of countries that received CTCN support for national institutional, legal, and regulatory frameworks to encourage climate technology RD&D and uptake (PMF indicator # 1.2.a)	5-8	TA Closure Report
1.2 Develop technological transition pathways and options for uptake of climate technologies	Number of countries with strengthened National System of Innovation as a result of CTCN support. (PMF indicator # 1.2.b)	5-7	TA Closure Report
1.3 Promote collaboration and partnerships in climate technology RD&D activities	Number of climate technology RD&D and innovation-related events (PMF indicator # 1.1.a)	10	Event reporting template
	Number of participants in climate technology RD&D and innovation-related events (gender-disaggregated) (PMF indicator # 1.1.b)	200 - 250	Event reporting template
	Number of knowledge resources related to RD&D and new and innovative technologies made available on the CTCN knowledge platform (PMF indicator # 1.1.c).	25-30	KMS
Implementation			
Intended outcome (from PoW): Countries have clear pathways and options to enhance inclusive, gender responsive, technology development and transfer, including endogenous and indigenous technologies			
2.1 Prioritize climate technologies and facilitate the development and implementation of NDCs, including TNAs, roadmaps and pilot studies and alignment with NAPs	Number of TAs supported (disaggregated by TA and FTA, and TNA/TAP/NDC) (PMF indicator # 2.1.a)	30	TA dashboard
	NDE feedback on uptake of CTCN TA and non-TA recommendations and outcomes to enhance technology development and transfer	No target	NDE Feedback Process
	Percentage of TA budget allocation targeting gender mainstreaming. (new)	5 % of each TA budget	Response Plan
	Percentage of TA projects supported with a gender analysis (PMF Indicator # 4.2.e).	100%	TA Closure Report
Enabling environment and capacity-building			
Intended outcome (from PoW): Countries have enhanced enabling environments, including policy and regulatory environments to develop, transfer and deploy climate technologies			
3.1 Design policies, regulations and standards that create enabling environments for climate	Number of policies, strategies, plans, laws, agreements or regulations supported by the technical assistance (PMF indicator # 4.2.a)	15	TA Closure Report

technologies and deliver capacity-building			
3.2 Enhance the capacity of the NDEs to plan, monitor and achieve technological transformation	Number of CTCN training sessions and capacity strengthening activities (PMF indicator # 4.2.b)	10	Event reporting template
	Number of participants attending CTCN training sessions and capacity strengthening activities (disaggregated by gender) (PMF indicator # 4.1.d.)	1000 - 1500	Event reporting template
	Total number of events organized or co-organized by the CTCN (PMF indicator # 4.1.c.)	15	Event reporting template
	Number of technology descriptions, publications, national plans, and other information resources made available on the CTCN knowledge platform (PMF indicator # 4.1.a)	100	KMS
	Number of site visits to CTCN knowledge portal (indicator 4.1.e)	10% increase compared to 2024	Google Analytics
	Number of people reached through CTCN social media channels (PMF indicator # 4.1.f)	10% increase compared to 2024	Google Analytics, Media coverage, social media accounts
	Number of mentions of CTCN in media (PMF indicator # 4.1.g)	30	Google Alerts; Media Coverage; CTCN website
Collaboration and stakeholder engagement			
Intended outcome (from PoW): Stakeholders are actively engaged and have strengthened capacity to implement climate action through collaboration			
1.1 Promote collaboration and partnerships in climate technology RD&D activities	Number of partnership and twinning arrangements ¹²	5- 10	TA and CB teams
1.1 Support policies, institutional and regulatory frameworks and planning processes on innovation and strengthening National Systems of Innovation (NSI)	Number of deliverables produced during the technical assistance) (PMF indicator # 3.1.a)	150 - 200	TA Closure Report

¹² Twinning arrangements are understood in this context as climate technology partnerships between two organizations for technology transfer, development, and collaborative RD&D, encompassing both North-South and South-South collaborations.

4.1 Strengthen knowledge and engagement in an inclusive manner and facilitate collaboration among relevant international organizations, the private sector, academia, and civil society	Total number of members in the CTC Network (PMF indicator # 3.2.a)	3-5% increase compared to 2024	KMS
	Number of collaborations with international organizations, private sector, academia, civil society organizations and Network members for the co-development of activities, including trainings, workshops, and knowledge products.	20 - 25	KMS Event reporting template
	Number of matchmaking events organized (new)	3-5	KMS Event reporting template

Support

Intended outcome (from PoW): Countries have access to Technical Assistance and financial support to enhance development and transfer of gender responsive technologies

5.1 Facilitate access to Financial Mechanism of the UNFCCC and mobilize various types of support including pro-bono and in-kind support	Number of events and trainings co-organized with finance institutions including the operating entities of the Financial Mechanism (GEF, GCF), the Adaptation Fund and MDBs (PMF indicator # 5.1.a)	3-5	Event reporting template
	Percentage increase of funding mobilized from existing bilateral donors and through new donor Parties (revised from PMF indicator # 5.A)	At least 20% increase of the baseline over the PoW period. Baseline: 2018-2022 total contribution from bilateral donor: USD 37,503,081	CTCN Admin and Financial team % increase will be calculated at the end of the 5-year period
	Number of CTCN technical assistance supported by the GEF/GCF/AF (PMF indicator # 5.1.c)	8 - 10	TA closure report
	Percentage increase in funding mobilized through resources from relevant operating entities of the Financial Mechanism, the Adaptation Fund, and other international financial institutions	At least 20% increase of the baseline over the PoW period. Baseline: 2018-2022 total contribution from Financial Mechanism is USD	CTCN Admin and Financial team % increase will be calculated at the end of the 5-year period

		15,059,216	
	Value of pro bono and in-kind support secured for CTCN activities (PMF indicator # 5.2.a)	At least 10 – 15 % increase over the PoW period	CTCN Admin and Financial team % increase will be calculated at the end of the 5-year period
	Level of donor engagement (disaggregated by bilateral donor Parties, and international financial institutions) (PMF indicator # 5.2.b)	20 donors engaged	CTCN Donor team
	Level of engagement with private sector and philanthropic organizations (new)	Minimum of 1 private sector and/or philanthropic organization	CTCN Policy and Donor team
	Number of technology proposals developed through CTCN technical assistance anticipated to be supported by the GEF/GCF/AF and other finance entities, including matchmaking (PMF indicator # 5.2.c)	5 - 10	TA Closure Report
	Number of impact stories developed and disseminated widely	4-6	CTCN website

IV. Proposed budget for 2025

The table below represents the CTCN's proposed budget for 2025 activities:

Main Categories	USD
1. Technical assistance in response to country requests	
1.1 Requests coordination, refinement, support	350,000
1.2 Requests implementation (including Fast Technical Assistance)	5,000,000
Sub-total	5,350,000
2. Outreach, networking, and stakeholder engagement	
2.1 Outreach and Communications	300,000
2.2 NDE engagement	600,000
2.2.i NDE regional forums and other events	450,000
2.2.ii Initial NDE Logistical Support	150,000
2.3 CTCN Network Member Engagement	100,000
2.4 Other Stakeholder Engagement (including with Gender, Youth, collaboration with LCIPP)	600,000
Sub-total	1,600,000
3. Knowledge management, peer learning and capacity building	
3.1 Knowledge sharing activities and content development	400,000
3.2 Capacity building activities and materials	350,000
3.3 Monitoring and evaluation	70,000
Sub-total	820,000
4. CTCN operational costs	
4.1 CTCN Operations	2,200,000
4.2 CTCN Advisory Board Meetings and other UN Meetings	250,000
Sub-total	2,450,000
Grand Total (net of PSC)	10,220,000