

Advisory Board to the Climate Technology Centre and Network

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CTCN Annual Operating Plan and Budget for 2026

Implementation of Year 4 of the Third CTCN Programme of Work (2023-2027)

Cover Note

I. Introduction

A. Background

1. The CTCN proposes annual operating plans (AOPs), which provide details on the specific activities to be carried out annually, in line with the resources available to implement its PoW.

B. Scope of the note

2. The AOP for 2026 has been restructured to align with the budget table categorization as per the CTCN annual financial report.
3. The AOP 2026 outlines two scenarios: the Business-as-Usual (BaU) scenario (10.8 million USD per year) and the Enhanced Scenario (15.8 million USD per year).

C. Possible action by the CTCN Advisory Board

4. The Advisory Board will be invited to consider the draft document and endorse the AOP and Budget for 2026, based on one of the two scenarios.

II. Annex

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

II. Annex	1
Abbreviations and acronyms	1
I. Introduction	5
II. Approach to the AOP 2026	5
III. Annual Operating Plan for 2026.....	6
A. The five key themes of the Technology Framework	6
1. Innovation.....	6
2. Implementation.....	7
3. Enabling Environment & Capacity Building.....	7
4. Collaboration and stakeholder engagement	8
5. Support.....	8
B. CTCN activities in 2026.....	9
1. Technical Assistance in response to country requests	9
1.1 Business as Usual Scenario.....	9
1.2 Enhanced Scenario	10
2. Outreach, Networking and stakeholder engagement.....	12
2.1 Under the Business-as-Usual Scenario	12
2.1.1 Outreach and Communications.....	12
2.1.2 NDE engagement.....	14
2.1.2 i NDE logistics support	14
2.1.2 ii NDE fora	14
2.1.3 Network Member engagement.....	14
2.1.4 Other stakeholder engagement (including gender and youth)	15
2.2. Under the Enhanced scenario:.....	16
2.2.1 Outreach and Communications.....	16
2.2.2 NDE engagement.....	16
2.2.2 i. NDE logistics support	16
2.2.2. ii NDE fora	16
2.2.3 Network member engagement.....	17
2.2.4 Other stakeholder engagement (including gender and youth)	17
3. Knowledge management, peer learning, and capacity building	17
3.1 Under the Business-as-Usual Scenario	17
3.1.1 Knowledge sharing and content development	17
3.1.2 Capacity building activities and materials, peer learning	18
3.1.3 Monitoring and evaluation	19
C. UNFCCC Engagement Activities	19

IV.	Targets for 2026.....	21
V.	Proposed budget for 2026.....	25
VI.	Funding overview and resource mobilization.....	26

I. Introduction

2026 marks the Climate Technology Centre & Network's (CTCN) 12th year of operation and fourth 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).

Key policies and project documents that will continue to guide the implementation of CTCN activities include the CTCN's updated Gender Action Plan, the updated prioritization criteria for selecting technical assistance, and the CTCN's Resource Mobilization and Partnership (RMP) Strategy for 2023–2027³. The CTCN will also pilot the use of the post-implementation impact assessment form introduced at the 23rd CTCN advisory board meeting to assess technical assistance projects completed over the last five years, tracking progress and updates on the implementation of recommendations after CTCN support ends.

Established in 2022, the CTCN Partnership and Liaison Office (PALO) will enter its fourth year of operation in 2026, building on its accumulated experiences and lessons to enhance its activities. While CTCN PALO's functions are integrated into the CTCN's AOP and Budget for 2026, 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, this office also serves as a focal point for the CTCN Asia Pacific technical assistance, including those supported by pro-bono contributions.

II. Approach to the AOP 2026

The CTCN proposes annual operating plans (AOPs), which provide details on the specific activities to be carried out annually, in line with the resources available to implement its PoW. The AOP for 2026 has been restructured to align with the budget table categorization as per the CTCN annual financial report. While it still follows the five key themes of the Technology Framework (Innovation, Implementation, Enabling Environment & Capacity Building, Collaboration and stakeholder engagement, and Support), CTCN activities in the AOP 2026 are distinguished between the three key services of CTCN, namely Technical Assistance, Capacity Building, and Knowledge

¹ Available [here](#)

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

³ [AB2023.22.22.1_Resource_Mobilization_and_Partnership_strategy_for_2023-2027_Endorsed.pdf](#)

Sharing.

Estimated budget amounts are not intended to be precise but to provide general indications.

For the first time, the 2026 AOP outlines two scenarios: the Business-as-Usual (BaU) scenario (10.8 million USD per year) and the Enhanced Scenario (15.8 million USD per year).

The Enhanced Scenario covers additional activities that are not part of the BaU scenario, such as additional NDE forums, pursuing innovative programmatic approaches (such as SF6 phase-out and the decarbonization of cement and concrete), and post-implementation TA activities, which are requested by countries and for which the CTCN sees the potential for scale-up.

III. Annual Operating Plan for 2026

A. The five key themes of the Technology Framework

The five key themes (Innovation, Implementation, Enabling Environment and capacity building, Collaboration and stakeholder engagement, and Support) were adopted by Parties at COP24 (CMA1) in 2018 in Katowice to operationalize the Technology Framework established under Article 10, paragraph 4, of the Paris Agreement through a series of focused areas of actions to be undertaken by the TEC and the CTCN. These five themes have been reflected in the CTCN Programme of Work 2019-2022 and in Joint Work Programme (JWP) of the Technology Mechanism⁴ for 2023-2027, of which the CTCN Programme of Work for 2023-2027 is an integral part along with the TEC rolling work plan and the joint activities of the TEC and CTCN for the same period.

The AoP 2026 is structured around the five key themes and their goals as contained in the 2020 approved M&E framework by the CTCN Advisory Board, which is in alignment with the reporting on the implementation of the Technology Framework.

1. Innovation

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

In 2026, 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

⁴ Available at: <https://unfccc.int/ttclear/tec/documents.html>

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 for reductions in the global carbon footprint. The CTCN will continue facilitating the sharing of knowledge and a deeper understanding of the setup of the national system of innovation among countries through various means, including its NDE forums.

2. Implementation

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

In 2026, the CTCN will continue to assist countries to identify, prioritize and pilot technologies based on the needs and priorities of the country including in implementing the outcomes of Technology Needs Assessments (TNA), and Technology Action Plans (TAPs) as guided by recent decisions of Parties.

Many countries will submit their updated Nationally Determined Contributions (NDCs) by 2025. Therefore, the CTCN's focus in 2026 on this key theme is to encourage countries to use the CTCN services to facilitate the implementation of their NDCs in the prioritized technologies or sectors contributing to the country's NDC.

As adaptation becomes a prime issue for many countries, the CTCN also aims to collaborate with countries to support the implementation of components of their national adaptation plans (NAPs). The CTCN will also seek opportunities to find synergies between the technical assistance on adaptation provided by the CTCN's AFCIA programme to the country's NAP.

3. 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 through its technical assistance

services in developing and improving enabling environments, including policy and regulatory frameworks related to technology innovation, deployment, and transfer. On capacity building, the CTCN will focus on supporting 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 into major topics raised by countries such as finance and climate action.

4. 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, the Network Members and constituency groups, in accordance with COP and CMA guidance. To further this effort, the CTCN will continue to elevate engagement across its network, building on enhanced levels of interaction among civil society, academic and research institutions, financial institutions, NDEs, philanthropic foundations, and the private sector. The CTCN looks forward to reinvigorating the engagement of network members as per the Network engagement strategy that will be presented at AB26.

5. 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 - 2027 to secure sufficient funding for the realization of the objectives envisioned in the CTCN's PoW. In line with the RMP strategy, emphasis will continue to 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 also adhere to UNEP's 2024 Partnership Policy and Procedures⁵, which covers all partnership modalities

⁵ [UNEP Partnership Policy | UNEP - UN Environment Programme](#)

and categories, providing a framework for processing resource mobilization and partnership efforts.

B. CTCN activities in 2026

As explained previously, for the 2026 AOP, the CTCN secretariat will present two scenarios, the Business-as-Usual scenario and the Enhanced scenario. This section will elaborate on activities under each scenario according to the budget line categorization contained in the budget table of the AOP presented to the Advisory Board every year. This is done to enhance transparency of budgeting and to facilitate ease of reference and comparison between the two scenarios.

1. Technical Assistance in response to country requests

This subsection covers both request coordination, refinement, support and request implementation under 1.1 and 1.2, respectively, in the budget table categorization.

1.1 Business as Usual Scenario

Programmatically, the CTCN delivers through below windows:

The AFCIA I programme will conclude implementation of its 25 technical assistances end of 2025, at which point results and impact will be presented. Building on the experience and lessons learned from AFCIA I, AFCIA II kicked off in 2025 and will run until 2029 and implement up to 60 technical assistance projects.

The EC-funded programme on Innovative Community-based Climate Technology for Communities at Risk of Conflicts due to Climate Impact, which started in June 2023 in the amount of USD 3 million will conclude in October 2025 with reporting on the results for all ten technical assistance projects concluding the programme.

The EC-funded Innovative Climate Solutions Program (ICS) in the amount of USD 2.1 million started in 2024 to connect innovative climate solutions to LDC and SIDS countries' needs for transformative and inclusive climate action. A portfolio of 8 technical assistance projects was selected by the EC together with the CTCN secretariat, and it will continue implementation in 2026.

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 2026 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.

The CTCN plans to process 30 technical assistance projects in 2026 based on available resources from the CTCN multi-donor trust fund, as well as through earmarked and non-earmarked funding from donors of 5.4 million USD for technical assistance. Of these 30 TAs, 19 of which are funded by AFCIA II and 11 against core funding, are in addition to the list of TAs from the AOP 2025, out of which 7 contracts for TA processing were signed before 30 June 2025 with 29 TAs projected to be signed before the end of 2025.

The main budget for technical assistances, based on current fund availabilities, will come from the AFCIA II programme (19 technical assistances) focusing on technical assistances with components of adaptation innovation

The CTCN is discussing one multi-country programmatic window with SIDS, which could be established to create a platform for SIDS to share lessons learnt and policies on sea level rise.

The CTCN will continue to guide and support developing countries in the formulation of technical assistances, which contribute to NDC implementation, and to seek support for technological innovations leading to transformative actions for climate adaptation and mitigation.

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.

1.2 Enhanced Scenario

To strengthen its post-implementation engagement, the CTCN will implement a structured impact assessment process following the completion of TA activities using the Post-Implementation Impact Assessment Form to systematically evaluate outcomes and inform subsequent actions.

Key components of this follow-up include:

- Development of concept notes and initial project proposals to facilitate the scaling and replication of successful TA outcomes.
- Formulation of financing strategies: Designing financial plans as integral parts of project deliverables to attract investment and support.

⁶ [#AI4ClimateAction](#)

- Promotion of pro-bono and in-kind support: Encouraging contributions that enhance the scalability and replication of pilot projects.
- Targeted resource mobilization: Engaging both traditional and non-traditional donors to secure funding, emphasizing the scalability and impact of individual TAs.
- Facilitation of partnerships: Actively connecting implementing partners with potential funders to foster collaborative opportunities on the ground.

To effectively execute these initiatives, the CTCN would need to recruit additional resource/capacity that will focus specifically on Post-Implementation Impact and Assessment and Matchmaking tasks. Currently when such tasks are requested by countries, CTCN TA specialists would perform the functions, adding to their main tasks of dealing with technical assistance processing. By having a dedicated capacity for these new functions, it is expected that countries can benefit further support from the CTCN on the post-technical assistance activities in developing strategic documentation, and coordinating resource mobilization efforts relating to post-TA scale-up, as well as potentially matchmaking the need of TA with available funding, strengthening exit strategy of the TA in the process.

Furthermore, the CTCN PALO is exploring the feasibility of AI applications in identifying hardware technology-focused CTCN TAs, and hardware technology components from TNAs and NDCs to utilize those data for the collaboration with other funding organizations and scale-up of CTCN TAs.

The CTCN PALO foresees the scale-up of two hardware technology-focused CTCN TAs through the collaboration with ADB K-Hub Centre and other funding organizations.

Under the enhanced scenario, the CTCN plans to implement the following thematic windows:

The **Climate Innovation in Cement and Concrete (CICC) Programme** is designed to catalyze transformational change in African countries by enabling the decarbonization of cement and concrete, as one of the continent's most carbon-intensive sectors. The CTCN will strengthen its collaboration with the Global Cement and Concrete Association (GCCA) and other key partners. Three technical assistance projects in MENA and Sub-Saharan Africa related to cement decarbonization, including roadmaps and technology feasibility studies, would be supported based on the request of countries in 2026. In addition, capacity building activities would be organized at a regional level in collaboration with key partners to enable knowledge transfer and peer-to-peer

learning between countries with ongoing technical assistance projects and those that would be supported in the future.

The proposed CTCN **SF₆ Phase-Out Programme** is designed to support developing countries in the safe management and phase-out of SF₆ through a combination of policy support, knowledge transfer on environmentally friendly technologies, and capacity building. The global initiative on SF₆ management and phase-out will support 5 interested countries globally through technical assistance projects.

Apart from the work under the programmatic window, under the Enhanced Scenario, the CTCN will set up an AI system for the agroforestry sector in the Dominican Republic, which has high potential for replication in other countries.

2. Outreach, Networking and stakeholder engagement

2.1 Under the Business-as-Usual Scenario

2.1.1 Outreach and Communications

The CTCN will intensify its outreach and communications efforts to broaden engagement and enhance visibility across all stakeholder groups. Central to this will be the strengthening of existing and/or establishing new partnerships that will support the CTCN's delivery on system transformation, particularly with non-traditional donors such as philanthropic foundations, Multilateral Development Banks, and the private sector.

In particular, outreach and communication activities in 2026 are expected to increase as per the communication and outreach plans for AFICA II and EC programmes.

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

CTCN will continue to conduct communications and outreach activities to inform and engage key stakeholders, in partnership with the TEC, including for example at SB and COP, and at new non-traditional forums where the CTCN has not traditionally participated, such as the Stockholm World Water Week, Adaptation Futures, Financing for Development conference, etc. These efforts will be complemented by an expanded digital strategy, including the use of emerging social media platforms to reach new audiences.

The communications targets are outlined in the Communications and Visibility

Strategy⁷, the CTCN will leverage outreach and social media to communicate the impact of its initiatives and projects, while introducing new elements to boost engagement and audience growth. This includes publishing 50 content pieces annually on the CTCN website, of which at least 5 will highlight impact stories. The CTCN will continue running targeted social media campaigns such as YCI Programme, AFCIA II and EC programmes impact stories as well as awareness-raising campaign on CTCN's Instagram to ensure that key stakeholders stay informed and engaged.

On social media posts, the CTCN will maintain a minimum of 10 posts per month and launch at least two new campaigns annually, with a goal of achieving at least a 5% increase in followers on LinkedIn, Facebook, Instagram and other media. Newsletter distribution will continue monthly, with a focus on increasing both the subscriber base and open/click-through rates by 5 % annually.

The CTCN will continue to develop cooperation with WIPO GREEN, including contributing to the 2026 edition of the WIPO Green Technology Book and collaboration on joint communications stories, as well as using the green technology assets and expertise as a resource for member states, NDEs and TAs to gain insight into innovation and technology options.

The CTCN will continue its collaboration with the UNEP-Copenhagen Climate Centre (UNEP-CCC) on the 2026 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.

In the AOP2026 budget, the CTCN has allocated resources to key communications and knowledge sharing activities under the EC-funded ICS Programme. These include three photo reportages, graphic design services; an executive summary of the ICS impact report; development of ICS knowledge products and other knowledge products; podcast production; photo documentation; and translation of key materials.

As part of its presence at COP31, the CTCN will secure exhibition space and implement a targeted informative and advocacy campaign aimed at communicating the CTCN's impact to Parties, stakeholders, and the wider public with a goal to raise awareness, demonstrate added value, and encourage broader participation in the CTCN's work.

⁷ https://www.ctc-n.org/sites/default/files/AB-2024-23-28_CTCN%20Communications%20and%20Visibility%20Strategy.pdf

2.1.2 NDE engagement

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.

The CTCN will publish and distribute the updated NDE manual, incorporating the latest CTCN processes. To support this release, a webinar is planned to 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.

The CTCN will continue to promote closer engagement with country-level focal points throughout the implementation of technical assistance projects.

2.1.2 i NDE logistics support

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.

The CTCN plans to improve the dashboard of TA activities for effective monitoring, and further support NDEs in field-monitoring activities, through logistical support services.

2.1.2 ii NDE fora

In 2026, the CTCN will organize regional NDE forums for Africa, Latin America and the Caribbean (LAC), and Asia and the Pacific, inclusive of non-Annex I NDEs that do not have a dedicated regional forum, and will also aim to organize these forums in conjunction with other relevant stakeholder meetings (e.g. UNFCCC Climate Weeks, NDC events, or GCF Regional Dialogues) wherever feasible.

2.1.3 Network Member engagement

The CTCN will enhance engagement with existing Network Members through engagement on innovative solutions, lessons learned, and TA experiences in various channels (ex. Network leaflets, solutions catalog). It will continue to expand its global expertise in focus areas across R&D institutions to easily deployable technology providers, in particularly creating partnership

opportunities with accredited entities of the Financial Mechanism.

The CTCN will continue to develop and implement network engagement activities such as Voluntary Technology Talk on AI and NDE-Network Matchmaking events to foster scalable climate technology innovation project development collaboration between key stakeholders. It will conduct an RD&D bridge-building workshop and a learning visit on energy storage systems to Jeju Island, Republic of Korea. This activity will be led by the PALO office.

2.1.4 Other stakeholder engagement (including gender and youth)

Gender mainstreaming guidelines: In line with the Gender work plan for 2025⁸, the CTCN is currently developing four sector-specific guidelines for a gender-transformative approach in CTCN thematic areas of work. These guidelines for system transformation areas and cover energy systems, Buildings and Infrastructure and two enablers – digitalization and national systems of innovation are currently under development. The CTCN is conducting this work with the support of two hired consultants and in collaboration with its gender partner Women Engaged for a Common Future (WECF). 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 develop 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 and Climate Technology 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.

Under the AFCIA coordination services programme, the CTCN will facilitate regional innovation hubs by supporting these logistically to gather representatives of AF, IPs, project proponents, NDEs and NDAs of the countries in which TAs are being implemented. Other stakeholders such as CSOs and private sector will be invited as well. The regional innovation hubs will create innovative marketplaces and strengthen the AFCIA partnership and are part of a multi-year coordination effort (years 2 and 3 of AFCIA Coordination Services, which were signed in 2024).

⁸ [AB_2024_24_20_CTCN_Gender_Work_Plan_for_2025.pdf](#)

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.

Welcome Youth group visits to the CTCN Copenhagen and PALO offices, upon request.

2.2. Under the Enhanced scenario:

2.2.1 Outreach and Communications

The CTCN would actively engage in Climate Weeks events, such as the UNFCCC Climate Weeks, when they are organized not in conjunction with the NDE forums and other similar events, such as London Climate Weeks and the African Climate Investment Summit, offering high-impact platforms bringing together governments, private sector, and stakeholders to drive climate action. Beyond traditional arenas, we intend to expand our presence into non-traditional forums, recognizing these settings as valuable opportunities for cross-sector engagement and idea exchange.

2.2.2 NDE engagement

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 CTCN proactive support of the participation of a number of NDEs in the GCF regional structured dialogues where the NDEs benefitted from structured engagements with the NDAs and Accredited Entities.

2.2.2 i. NDE logistics support

Under the enhanced scenario, the NDE logistics support is maintained at USD 150,000 for 2026 at USD 5000 per request. The focus of the CTCN effort in 2026 will be to ensure that NDEs are fully aware of this type of support and effectively make use of it. The CTCN secretariat will continue looking into more efficient ways to deploy the fund based on the lessons learned from the ongoing cases.

2.2.2. ii NDE Fora

Under the enhanced scenario, as per the aspiration of the Advisory Board the CTCN will add the organization of 3 more fora: Eastern Europe, SIDS, Central Asia, to the regular three fora (Africa, Asia-Pacific, and Latin America and the

Caribbean), resulting in a total of 6 regional NDE fora.

2.2.3 Network member engagement

2.2.4 Other stakeholder engagement (including gender and youth)

In 2026, the support for Gender-Just Climate Solutions will continue, with a special focus on the technology category aimed at promoting women's climate technology solutions. This effort empowers women on different levels, fostering innovation and equitable access to opportunities for women-led initiatives. It will also include one webinar for NDEs, Network Members, and implementing partners, which will provide education and training opportunities on gender.

The CTCN will collaborate with IPO to develop a dialogue series to explore how climate indigenous knowledge and traditions can be shared within the context of climate technology transfers.

As part of the thematic programmes on SF6 and cement, the CTCN would hold a regional workshop on cement decarbonization and an SF6 study tour to promote collaboration. Capacity building activities will be organized at a regional level in collaboration with key partners to enable knowledge transfer and peer-to-peer learning between countries with ongoing technical assistance projects and those that would be supported in the future.

3. Knowledge management, peer learning, and capacity building

3.1 Under the Business-as-Usual Scenario

3.1.1 Knowledge sharing and content development

The CTCN will continue to advance knowledge dissemination through the development of knowledge briefs and targeted knowledge-sharing events, focusing on one or more system transformation areas. A key output will be the creation of a knowledge product aligned with the theme of the Global Capacity Building Programme. Efforts will also be undertaken to enhance the CTCN Dashboard within the Knowledge Management System to more effectively meet reporting requirements, while ensuring due diligence.

Knowledge and capacity building resources and opportunities will be actively promoted and tailored to the specific needs of target audiences. The CTCN will also continue to raise awareness of its Programme of Work among

stakeholders and the broader climate technology community. This will include the establishment of a Knowledge Hub or Community of Practice focusing on at least one mitigation area, such as green hydrogen.

Several programmes - such as AFCIA I and the EC-supported Climate Change and Security Programme - are approaching completion. As part of their closure, these programmes will produce knowledge and communications outputs detailing lessons learned and programme impact, including through Impact Reports, videos, blogs, Fact Sheets and photos. These outputs will be accessible through the CTCN website.

Key learnings from these programmes will also be disseminated through multiple channels such as social media, in newsletters and at conferences such as at COP 31.

3.1.2 Capacity building activities and materials, peer learning

Capacity building activities will remain a key component of the response plans for technical assistance projects carried out in 2026. The associated costs will continue to be embedded within the overall budget allocation for each technical assistance project (i.e. workshops, training sessions etc.).

The CTCN will develop a targeted knowledge product aligned with one of its ongoing capacity building programmes, following the successful example set by previous workshops, such as those focused on green hydrogen. The knowledge product will be designed to support and enhance the specific objectives of the specific objectives of the selected programme, thereby contributing to the broader goals of global capacity building. This activity will be led by the PALO office.

In collaboration with the GCF Secretariat, the CTCN will facilitate interactions between NDEs and NDAs through, for example, structured dialogues aimed at fostering co-development of scalable climate technology projects.

Building on the experience of the knowledge exchange programmes held in 2025—including green hydrogen workshops, the voluntary technology talks in June, and the collaborative RD&D bridge-building workshop in October—the CTCN will replicate and expand this experience in 2026. A new exchange programme will be organized to introduce 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.

As part of activities implementing the Technology Mechanism AI for Climate Action initiative, the CTCN and the TEC will work together to hold the AI grand challenge and disseminate information and raise awareness about the AI Application Hub, which is planned, subject to consideration by the joint session of the TEC and AB in September 2025, to be integrated into Digital Public Goods alliance registry.

The CTCN will roll out the third cohort of the Youth Climate Innovation Programme, starting with the first phase in 2026.

3.1.3 Monitoring and evaluation

The CTCN will continue monitoring and evaluating based on the CTCN outcome and output indicators in the 2020 M&E framework which includes the Theory of Change and the Performance Measurement Framework of the CTCN, both of which are in alignment with reporting on the implementation of the Technology Framework under Article 10, paragraph 4, of the Paris Agreement under the UNFCCC, as well as the more streamlined M&E framework approach approved by the AB at its 23rd meeting.

The piloting of the post-implementation survey/form to track long-term impact of TAs will be integrated into the TA process for monitoring, and to improve ownership of projects beyond CTCN support.

The CTCN will purchase a dashboard subscription software, hire an M&E Specialist and purchase/install a digital M&E website reporting tool to assist with data collection.

C. UNFCCC Engagement Activities

Additional activities undertaken under the UNFCCC Technology Mechanism, with the TEC advancing policy guidance and the CTCN supporting countries through targeted policy assistance, 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 of the Technology Mechanism for 2023-2027, guided by the 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 follow the outcome of the 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 Green Climate Fund:** The CTCN will continue and strengthen its engagement with GCF including through:
 - **GCF Structured Dialogues:** Under the BaU scenario, the CTCN will continue to strengthen its engagement during GCF Regional Dialogues, with a focus on facilitating NDE participation and organizing joint sessions that highlight the linkages between the technology and financial mechanisms. Under the enhanced scenario, the CTCN will support the participation of a number of NDEs in the GCF regional structured dialogues where the NDEs benefit from structured engagements with the NDAs and Accredited Entities with the expectation that it will facilitate the upscaling of CTCN Technical Assistance into GCF projects.
 - **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 under the BaU scenario. Under the enhanced scenario, the CTCN will support the participation of a number of NDEs in the GCF regional structured dialogues, where the NDEs benefit from structured engagements with the NDAs and Accredited Entities, with the expectation that it will facilitate 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.
- **Adaptation Fund:** AFCIA II, influenced by lessons learnt from AFCIA I, will run until 2029 and implement up to 60 technical assistance projects. CTCN, together with UNDP, will run its coordination.
- **Global Environment Facility:** The CTCN, together with TEC, will continue to follow and, if required, engage in providing inputs to the GEF-9 replenishment process in 2026.
- **UN Climate Change Global Innovation Hub (UGIH):** Together with the TEC, the CTCN will continue to explore opportunities to collaborate with the UGIH as agreed at the September 2024 joint session.

IV. Targets for 2026

Actions & Activities (as per the POW)	Updated Indicators (As approved at CTCN AB 22)	Targets for 2026	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. Support policies, institutional and regulatory frameworks and planning processes on	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
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innovation and strengthening National Systems of Innovation	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
2. Develop technological transition pathways and options for uptake of climate technologies			
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 2026	Google Analytics
	Number of people reached through CTCN social media channels (PMF indicator # 4.1.f)	10% increase compared to 2026	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 ⁹	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

⁹ 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.

	350,000	350,000
Sub-total	2,350,000	3,270,000
Grand Total (net of PSC)	10,824,093	15,810,532

Under business-as-usual scenario, 56% of the budget is allocated to support technical assistance and 14% of the budget to outreach, networking and stakeholder engagement, 10% is allocated to knowledge management and 19% of the budget to support CTCN operational costs.

Under the enhanced scenario, the main increase is proposed under the technical assistance component, by assigning 62% of the total budget to this component and maintaining comparative level of resources to other components.

An increase in CTCN operational budget is proposed under the enhanced scenario, to ensure operational efficiency delivering on all work components, mainly technical assistance.

CTCN operational budget in both scenarios remains within historical approved levels. It is important to keep a healthy balance of up to 20% of the total budget allocated to this category, to ensure the Secretariat and its operations run smoothly.

VI. Funding overview and resource mobilization

The CTCN funding comprises funding dedicated to specific programmes or purposes according to donors requirements and funding which is unearmarked.

CTCN AoP budget is built based on available resources in the trust fund (both earmarked and unearmarked).

Earmarked contributions are timebound and provide less flexibility to allocate resources across project activities, while unearmarked contributions are flexible and valid up to the ending date of the mandate.

The tables below provide overview of overall funds and unearmarked funds for BAU and Enhanced scenarios for 2026-2027 (the end of current Programme of Work).

Funding overview, 2026 & 2027, Business As Usual scenario

	<i>USD, in millions</i>
Projected fund balance at the end of 2025	21.55
AOP Budget 2026 & 2027 (BAU)	21.65
Funding gap	(0.10)

Overview of unearmarked funds, 2026 & 2027

	<i>USD, in millions</i>
Projected unearmarked fund balance at the end of 2025	10.13
Less, CTCN Operations budget 2026 & 2027 (BAU)	4.70
Less, project activities in 2026 budgeted against unearmarked funds	3.57
Approx. unearmarked fund balance for project activities in 2027	1.86

Funding overview, 2026 & 2027, Enhanced scenario

	<i>USD, in millions</i>
Projected fund balance at the end of 2025	21.55
AOP Budget 2026 & 2027 (Enhanced)	31.57
Funding gap	(10.02)

Overview of unearmarked funds, 2026 & 2027

	<i>USD, in millions</i>
Projected unearmarked fund balance at the end of 2025	10.13
Less, CTCN Operations budget 2026 & 2027 (enhanced)	6.54
Less, project activities in 2026 budgeted against unearmarked funds (enhanced)	7.61
Approx. unearmarked funding gap	(4.02)

Note:

1. The above funding overview is based on the current secured income, future expenses as per the projections for July until December 2025, and AOP for 2026. This may also change as a result of CTCN's continued resource mobilization efforts.

2. To ensure business continuity, CTCN must have enough resources under both scenarios, for the Secretariat to function until the end of the 3rd PoW PoW, i.e., 2027. The projected budget for this function is USD 4.70 million for BAU and USD 6.54 million for Enhanced scenario.

Noting that the projected fund balance at the end of 2025 is USD 21.55 million, and assuming the annual budget of CTCN for the years 2026 & 2027 continues to be at the Business-As-Usual level, the total funds required will be USD 21.65 million, resulting in a relatively small funding gap. This funding gap will be higher, at approximately USD 10.02 million should the annual budget of CTCN be enhanced in 2026 and 2027.

The funding composition of 2026 AoP is a mix of unearmarked and earmarked contributions.

It is important to note that as far as 2026 budget is concerned, there is no funding gap for both scenarios.

On the other hand, most unearmarked resources would be exhausted by the end of 2026, which means that for 2027, the AoP would be mainly funded by earmarked contributions, subject to outcomes of resource mobilization efforts.

The funding gap would impact 2027 AoP and would be variable, since CTCN would have more visibility on outcomes of resource mobilization efforts and consider contributions that will be received in 2026 that would contribute to reducing estimated gap.

Unearmarked contributions will provide an opportunity for flexibility in structuring CTCN AoP, both in terms of proposed activities and their duration (technical assistance, NDE fora, stakeholder engagements). It also allows balancing required resources on the operational side (Secretariat costs and AB meetings).

In implementing its RMP strategy, which emphasizes the need to move beyond a business-as-usual model and to increase unearmarked funding, the CTCN has reached out to a number of non-traditional donors, including MDBs and philanthropies. Establishing trust and finding modalities that incorporate priorities from both sides takes time and resources before partnerships can be established. This challenge is exacerbated by the current global funding situation, which has deteriorated following the adoption of the RMP strategy and is the most challenging it has been since the CTCN's operationalization. Thus, funding from CTCN donors into the Multi-Donor Trust Fund remains the most important source for unearmarked funding.

Finally, it is important to note that according to UN rules and regulations, activities can be implemented within and up to available resources in the trust fund.