

Strategies for Engaging in CTCN Technical Assistance

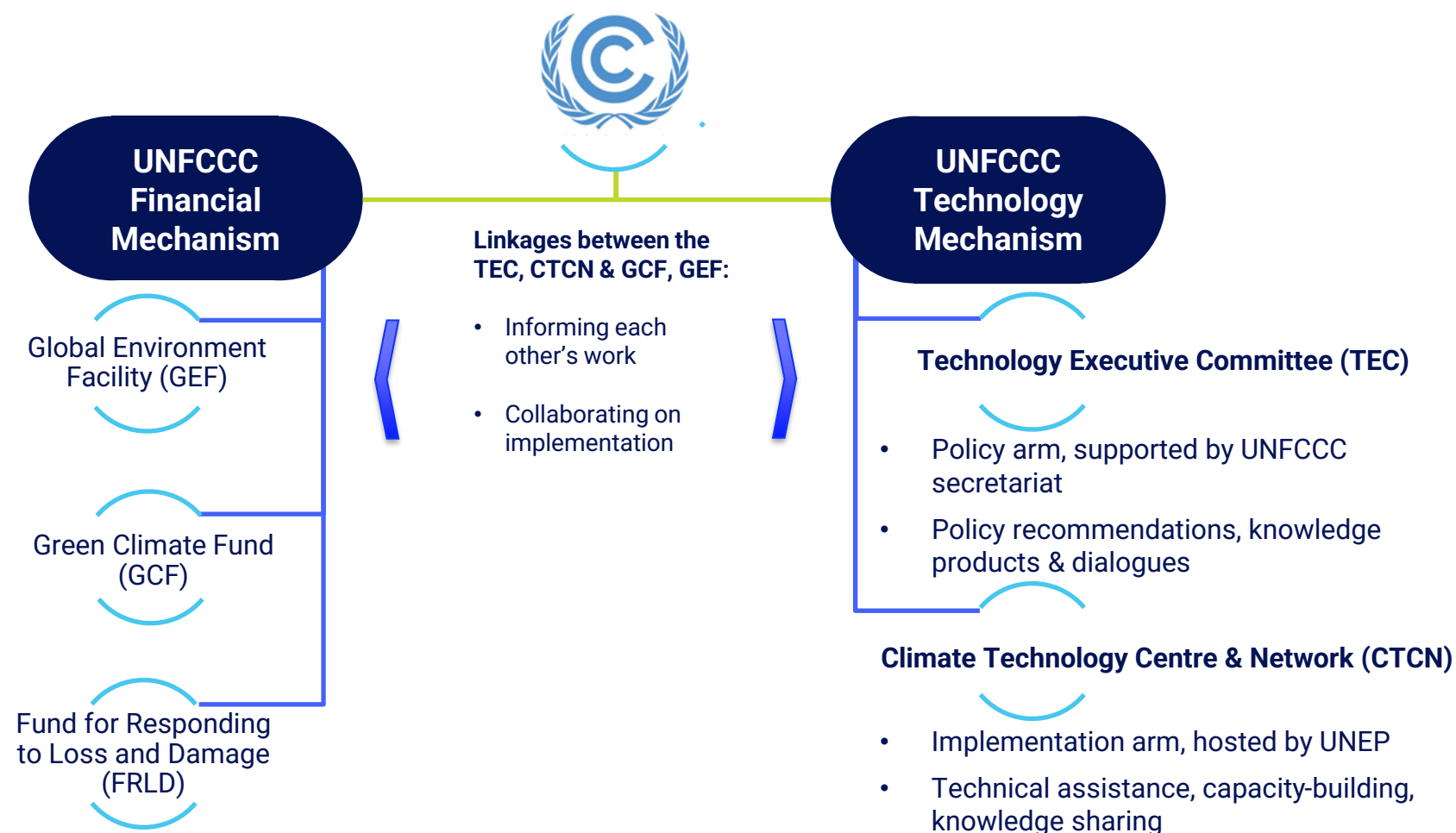
APCC Workshop, 1 October 2026

Hoyoung Jo
Climate Technology Specialist
UNEP Climate Technology Centre and Network (CTCN)



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Introduction



Established in 2010, the Technology Mechanism is comprised of the TEC and the CTCN. Both bodies work together in a synergistic way under a joint work programme.

Joint Work Programme of the Technology Mechanism (2023-2027)

TEC Rolling Workplan (2023-2027)

**Joint Activities
Common Areas of Work**

CTCN Programme of Work (2023-2027)

National Focal points (NDEs)

← → ↻ ctc-n.org/about-ctcn/nde ☆ ⬇️ Paused Relaunch

Suggested Sites

National Designated Entities

A Party to the United Nations Framework Convention on Climate Change (UNFCCC) assigns a National Designated Entity (NDE) the responsibility to manage requests made of the CTCN. Establishment of an NDE is necessary before a Party to the UNFCCC can participate in the CTCN Technical Assistance process.



List of NDE's

Search for your NDE

Roles and Responsibilities

NDEs play a fundamental role in ensuring that requests submitted to the CTCN reflect their national circumstances and priorities. NDEs also ensure that support provided by the CTCN is well coordinated at the national level with other processes that address climate change. For example, they ensure the engagement of relevant ministries, focal points for other UNFCCC mechanisms, the private sector, civil

NDE Request

[Submit request](#)

NDE Question

To ask a question about NDEs, If you are a newly selected NDE and you would like to register with us, please contact us.

[Send an Email](#)

NDE Documents

[CTCN Operating Manual](#)

← → ↻ ctc-n.org/about-ctcn/nde/search ☆ ⬇️ Paused Relaunch

Suggested Sites

UN
environment
programme

CTCN
UN Climate Technology Centre & Network

EN Log in

Home > Climate Technology Centre and Network (CTCN) > NDE > Search

Country

Select

Type of organisation

Select

Region

Select

Search for your NDE's

[XLS](#)

[Comma separated email addresses](#)

Showing 1 - 24 of 166 results

Sort by ▾

National Environment Protection Agency of Afghanistan

Country: Afghanistan

Type of organisation: Specialized agency

Environment Division - Ministry of Agriculture, Housing, Lands and the Environment

Country: Antigua & Barbuda

Type of organisation:

Albanian Ministry of Environment, Forestry and Water Administration

Country: Albania

Type of organisation: Government/Ministry

Technology Transfer Association Union of Juridical Persons

Country: Armenia

Type of organisation: Specialized agency

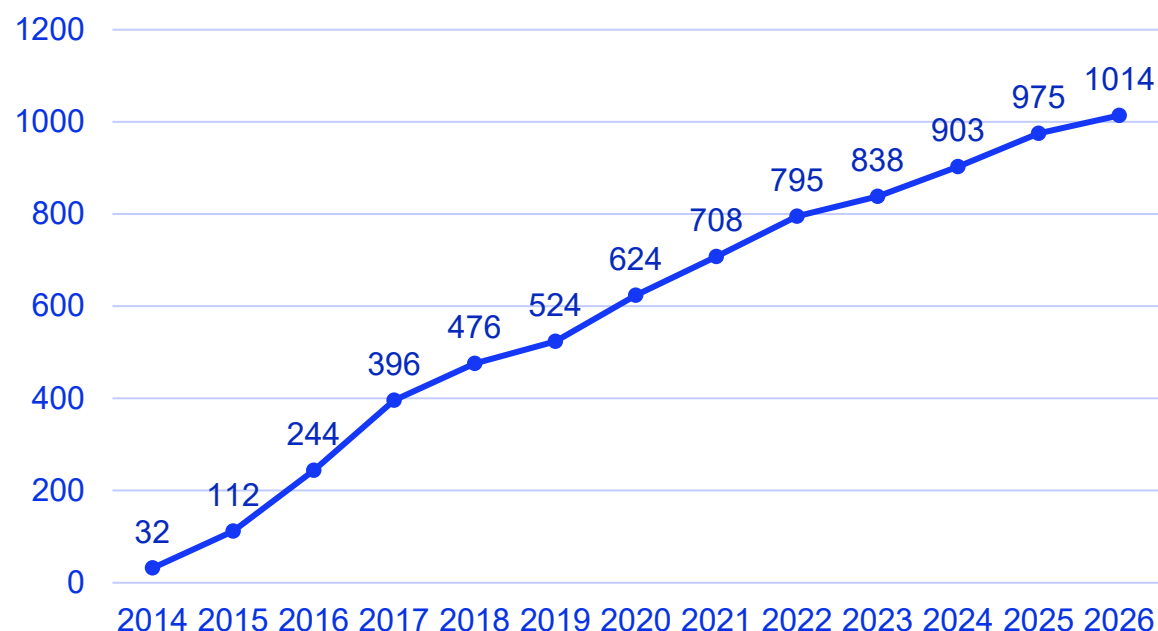
Ministerio de Relaciones Exteriores,

Division V/7 - Environmental Protection

CTC Network Overview

The Network has grown to have **1014** members.

- 45.4% from Annex I / 54.6% from Non-Annex
- 44% WEOG, 32.2% Asia-Pacific, 12.1% Africa, 10% LAC, 1.7% Eastern Europe



Type of Organization	Counts	%
Private sector organization	554	54.6%
Research and academic institution	155	15.3%
Non-governmental organization	113	11.1%
Not for profit organization	80	7.9%
Public sector organization	50	4.9%
Intergovernmental organization	20	2.0%
Other	13	1.3%
Partnership	9	0.9%
Initiative	6	0.6%
Financial institution	6	0.6%
Specialized agency	3	0.3%
Government/Ministry	2	0.2%
Regional organization	2	0.2%
Local government	1	0.1%
Total	1014	100.0%

Future of CTCN (2027~)

BTIP, Co-creation, and Indigenous peoples

- **Approved at COP30, the Belém Technology Implementation Programme (BTIP) is a new initiative designed to advance the climate technology agenda**
 - > CTCN's Role: Accelerates the transfer of environmentally sound technologies, providing technical assistance, capacity building, and policy guidance.
- **Co-creation with NMs and support for NDEs in selecting technologies**
 - > CTCN's response: Programmatic approach in increasing NMs engagement in bankable TA design (e.g., Network Fair), articulation of demand of NDEs
- **Emphasis on locally-led, indigenous peoples**
 - > CTCN's response: Active engagement of local communities, indigenous peoples' voices in TA development and implementation

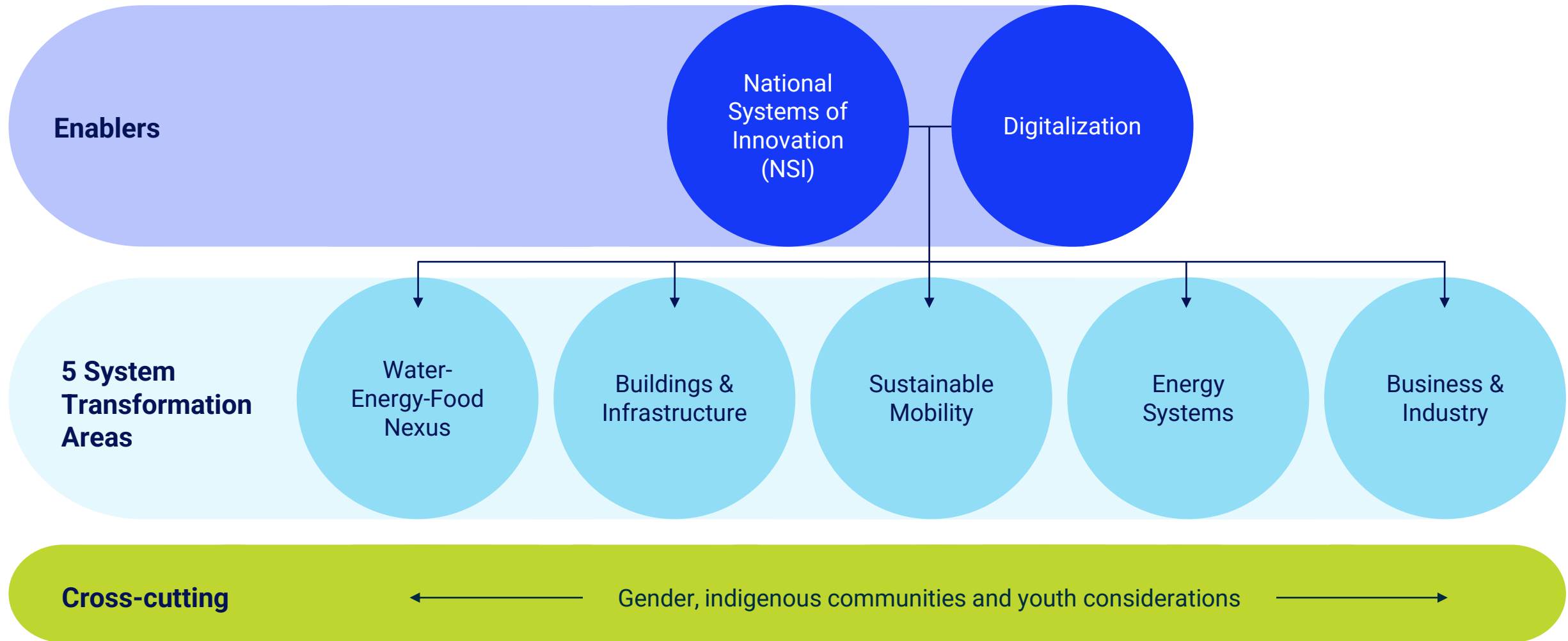
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Technical Assistance Process

CTCN's 3rd Programme of Work 2023-2027



United Nations Climate Change
Technology Executive Committee



Technical Assistance Process

1 Request Submission

Evaluation of requests for technical assistance within **2 weeks**, depending on clarity of the request.

2 Response Plan Design

Development of response plans within **2-3 months**, provided that the necessary information is available and key stakeholders are responsive.

3 Bidding Process

Conduct of the competitive bidding process for about **8 months** depending on UNON procedures

4 Project Implementation

Delivery of the technical assistance between **12-18 months** depending on the requested activities.

5 Monitoring and Evaluation

Execution of monitoring and evaluation activities on an **ongoing basis**.

Request Submission



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Interested parties in developing countries contact their national focal point (NDE) to request climate technology assistance, using the request template.

The NDE confirms the alignment of the request with its national climate priorities and passes it along to the CTCN.

Requests can be submitted on a rolling basis.

Best practices:

- Identification or alignment of climate technologies needs through national strategies, such as TNAs/TAPs
- Engagement of all relevant stakeholders before submission
- Check existing resources on CTCN website or WIPO Green Technology Database

The image shows a 'Request Submission Form' template. At the top, it features the UN Environment Programme and CTCN logos, along with the title 'CTCN Technical Assistance Request Submission Form' and the version 'Version: 05/2024'. Below this is a 'Guidelines' section with five bullet points detailing the form's purpose, signing requirements, submission methods, and the role of National Designated Entities (NDEs). The form itself is a table with four rows: 'Requesting country or countries', 'Request title', 'NDE', and 'Request Applicant', each with a corresponding instruction. Below the table are two sections: 'Climate objective' with three checkboxes for 'Adaptation to climate change', 'Mitigation of climate change', and 'Combination of adaptation and mitigation of climate change'; and 'Geographical scope' with four checkboxes for 'Community level', 'Sub-national', 'National', and 'Multi-country', followed by a note to describe specific areas if the request is at a sub-national or multi-country level.

UN environment programme CTCN		CTCN Technical Assistance Request Submission Form Version: 05/2024
Guidelines:		
•	This Request Submission Form should be completed by the organisation requesting technical assistance from the Climate Technology Centre & Network (CTCN) in collaboration with the National Designated Entity (NDE) of the country in question	
•	The Form must be signed by the NDE. Please see updated contact list of NDEs here: http://unfccc.int/tclear/support/national-designated-entity.html	
•	The Form can be submitted as a Word file containing a digital signature or as a signed and scanned PDF file in combination with an un-signed Word file	
•	For requests submitted by multiple countries, all the NDEs of the respective countries shall sign identical Forms before official submission to the CTCN	
•	NDEs have the opportunity to submit CTCN requests in collaboration with National Designated Authorities (NDAs) for the Green Climate Fund (GCF) if targeting the GCF Readiness Programme.	
Requesting country or countries:		
Request title:	Please reflect the objective of the technical assistance in the title (maximum 200 characters).	
NDE	Please add name of organisation, name of individual, position, email and address.	
Request Applicant:	Please add name of organisation, contact person, position, email and address of the organisation requesting assistance from the CTCN.	
Climate objective:		
☐ Adaptation to climate change		
☐ Mitigation of climate change		
☐ Combination of adaptation and mitigation of climate change		
Geographical scope:		
☐ Community level		
☐ Sub-national		
☐ National		
☐ Multi-country		
If the request is at a sub-national or multi-country level, please describe specific geographical areas (provinces, states, countries, regions, etc.).		

Request evaluation



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The CTCN evaluates the submitted request based on a standard-ized framework.

To prioritize a technical assistance request, it must meet two compulsory criteria (#1 and #2).

Additionally, it must comply with four out of the remaining six criteria.

	Prioritization Criteria
1	The request is aligned to the CTCN's existing Programme of Work.
2	The request is aligned to the key themes of the Technology Framework of the Paris Agreement.
3	The request is submitted by LDCs or SIDS or by a country that has not received CTCN technical assistance in the last 5 years, taking into account regional balance.
4	The request contributes to the CTCN's portfolio balance between mitigation and adaptation.
5	The request has the potential to contribute to systems transformations (nationally, regionally, and/or internationally).
6	The request is part of multi-country approach to allow regional bundling of requests to promote collaboration among stakeholders, including between countries (South-South, bilateral, or multilateral cooperation).
7	The request, developed in consultation with or with the engagement of various national climate-related focal points, enables leveraging public and/or private financing or is developed in consultation with research or private sector.
8	The request promotes gender equality and / or the empowerment of youth, Indigenous Peoples, or local communities.

Response Plan Design



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The CTCN collaborates with the NDE and applicants to develop a tailored 'Response Plan'. This Response Plan will set the basis for the Terms of Reference under which an implementing partner will be contracted.

Best practices:

- Proper involvement of all relevant stakeholders in the preparation and review
- Preparation of resources and data that are relevant for the implementation
- Clear setting of expectations for all activities, including data collection, stakeholder engagement, capacity building, etc.
- Anticipation of follow-on activities and financing



CTCN Technical Assistance
Response Plan - Terms of Reference
Version: 01/2025

Country	
Request ID#	
Title	Please include the objective of the technical assistance and the name of the technology to be focussed on.
NDE	Please add name, position, organization, email and address
Proponent	Please add name, position, organization, email and address

Summary of the CTCN technical assistance
The summary should provide a brief description of the problem (barrier to climate technology deployment) and how the technical assistance will address it (brief summary of outputs and activities). Please also briefly indicate national actors involved and the anticipated timeline. Please note this summary will be used for public communication purposes so it is important that it is well written. (maximum 1250 characters including spaces)

Agreement:
(If possible, please use electronic signatures in Microsoft Word file format)

National Designated Entity to the UNFCCC Technology Mechanism	Proponent (signature of the Proponent is optional)
Name:	Name:
Title:	Title:
Date:	Date:
Signature:	Signature:

UNFCCC Climate Technology Centre and Network (CTCN)
Name:
Title:

Date:

Signature:

Bidding Process



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The CTCN prepares bidding documents based on the agreed Response Plan.

The competitive bidding is conducted through the United Nations Office of Nairobi (UNON), abiding by UNEP rules and regulations.

Consortium partners or existing and new Network members can respond to the Expression of Interest (EoI) and thereafter to the Request for Proposals (RfP).

A weighted technical evaluation (by CTCN) and financial evaluation (by UNON) of bids is conducted. No involvement of the NDE or beneficiary is possible.

Pass / Fail Criteria

1. CTCN Network Membership
2. The bidder firm has been in business relevant to the Terms of Reference for at least five (3) years
3. Statement to not sub-contract more than 50% of the budget allocated to the work
4. If not an organization based in the requesting country, letter of partnership with a local organization/expert with clearly defined roles and at least 25% of budget
5. Reference letter from a past client indicating experience of conducting similar work to the ToRs
6. Work Plan detailing activities, deliverables and timelines for this requirement in line with the ToR
7. Organigram and curriculum vitae/professional qualifications of each key personnel
8. Approach and Methodology to undertake the work

Scoring Criteria

Around 7 criteria defined for each technical assistance individually to for the technical evaluation and scoring of the different bids

Project Implementation



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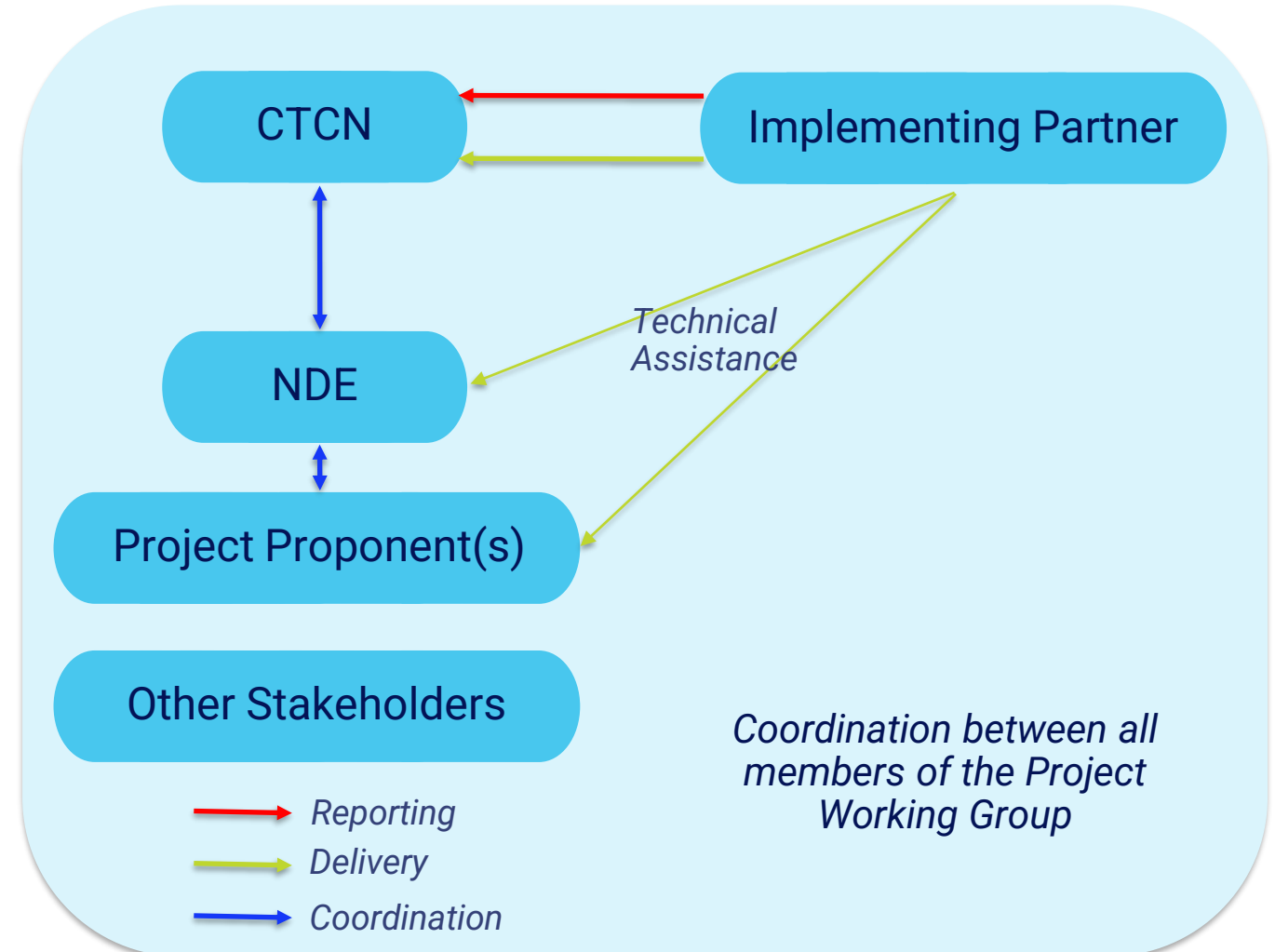


The network member selected through a competitive bidding process implements the project according to the 'Response Plan'.

At the beginning of the technical assistance, the network member / implementing partner will develop a monitoring and evaluation (M&E) plan, detailed workplan, and gender assessment and action plan.

Regular project steering meetings will be organized to provide updates. Deliverables will be shared for review and approval with the NDE and proponent.

The CTCN conducts due diligence of deliverables and regular monitoring and evaluation.



The CTCN regularly reach out to the NDEs, project implementers and project proponents to follow up to collect the lessons learned and impacts achieved in countries before, during and after implementation.

Beginning

M&E Plan

Template to define performance and success indicators for the technical assistance.

By Implementing Partner

During

Progress Reporting

Continuous reporting on the project progress and success.

By Implementing Partner

End

Closure Report

Template to evaluate final project performance and lessons learned

By Implementing Partner

NDE Feedback Form

Template to provide feedback on implementation and define next steps after closure

By NDE and Proponent

After

Post-implementation Form

Template to provide updates on post-implementation progress and impact for past technical assistances on an annual basis

By NDE and Proponent

3

Technical Assistance Portfolio

Technical Assistance Progress

18 Technical assistance requests received from 13 different countries during reporting period

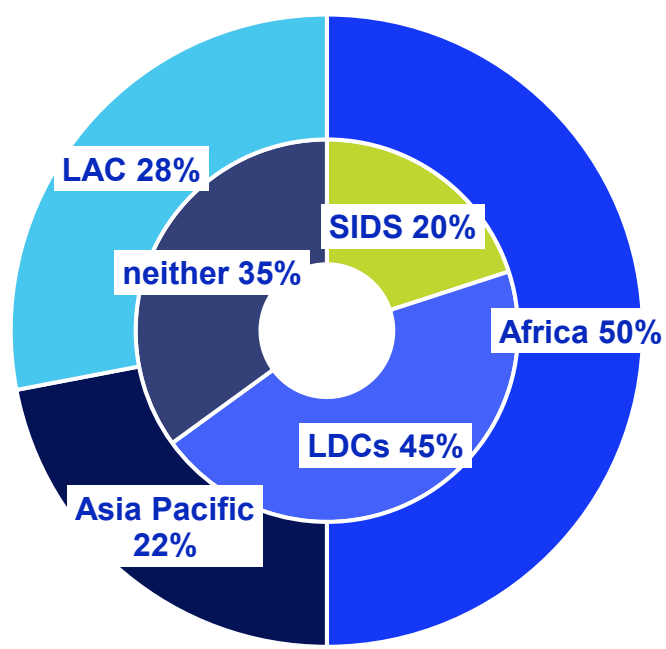
38 Technical assistances being implemented during reporting period

18 Technical assistances were completed during reporting period

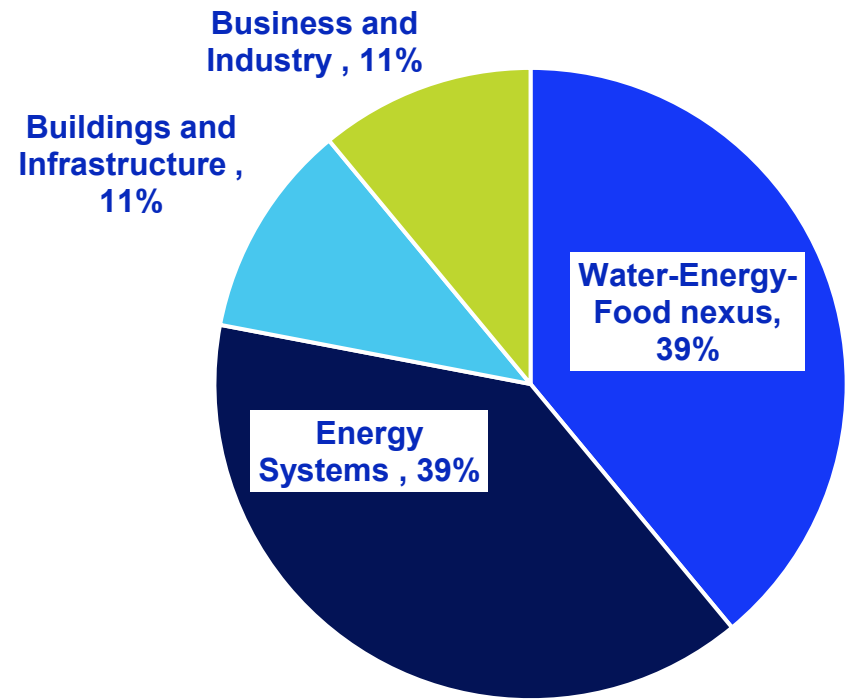
Technical Assistance Portfolio: Closed

18 Technical Assistances in 18 countries were completed

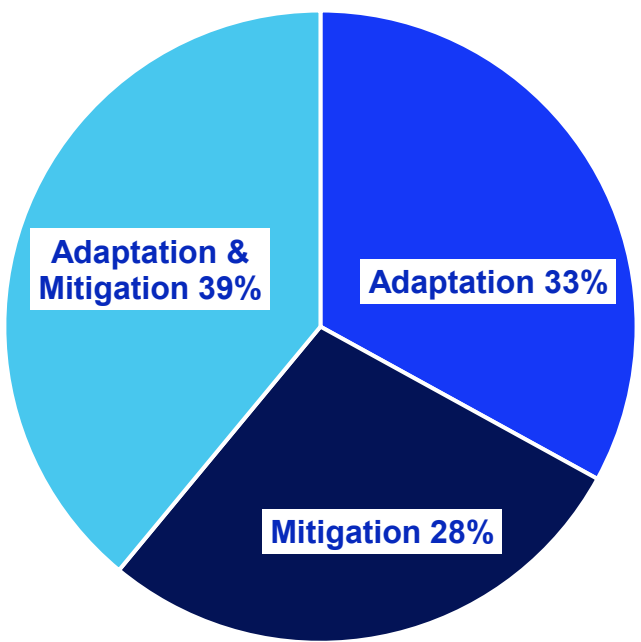
Regional Distribution/SIDS and LDCs



by System Transformation Area



Adaptation vs Mitigation



Budget of TAs under Implementation/Completed

Region	Countries	No. of Countries	No. of TAs	Value (USD)
Africa	Algeria, Botswana, Burundi(2), Comoros, Cote 'd Ivoire(2), DRC, Ethiopia, Gambia, Guinea, Liberia(2), Mali, Mozambique(2), Senegal(3), Sierra Leone, Tanzania, Togo, [Togo, Guinea, Senegal, DRC], Tunisia, Zimbabwe(2).	18	26	4,568,579.36
Asia-Pacific	Bangladesh, Cambodia (3), Fiji, Kyrgyzstan, Maldives, Mongolia, Nepal, PNG, Tajikistan, Uzbekistan, Vietnam	11	13	2,669,048.00
Eastern Europe	North Macedonia	1	1	238,830.00
Latin America & Caribbean	Bolivia, Chile, Colombia, Cuba, Ecuador (2), El Salvador, Peru, St. Kitts & Nevis, Suriname, Uruguay (2)	10	12	2,165,825.00
TOTAL		40	52	9,642,282.36

1) 52 projects under implementation/bidding during the reporting period.

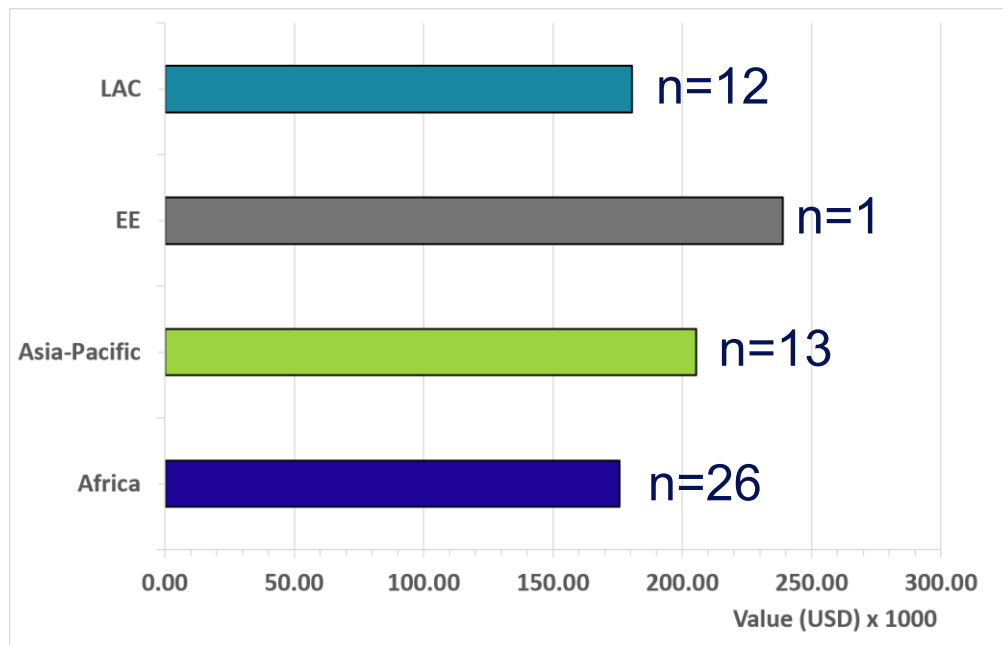
2) Valued at USD 9.6 M.

3) Average per TA: \$185,428.51 USD

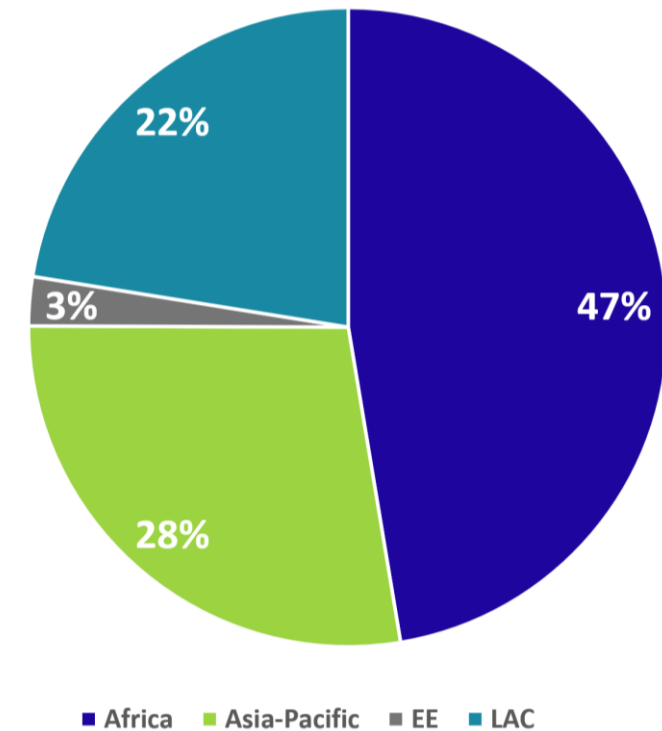
* Multi-country TAs are considered as 1 TA.

Regional Distribution of Budget by TAs and by Region

Average Budget of TA by Region



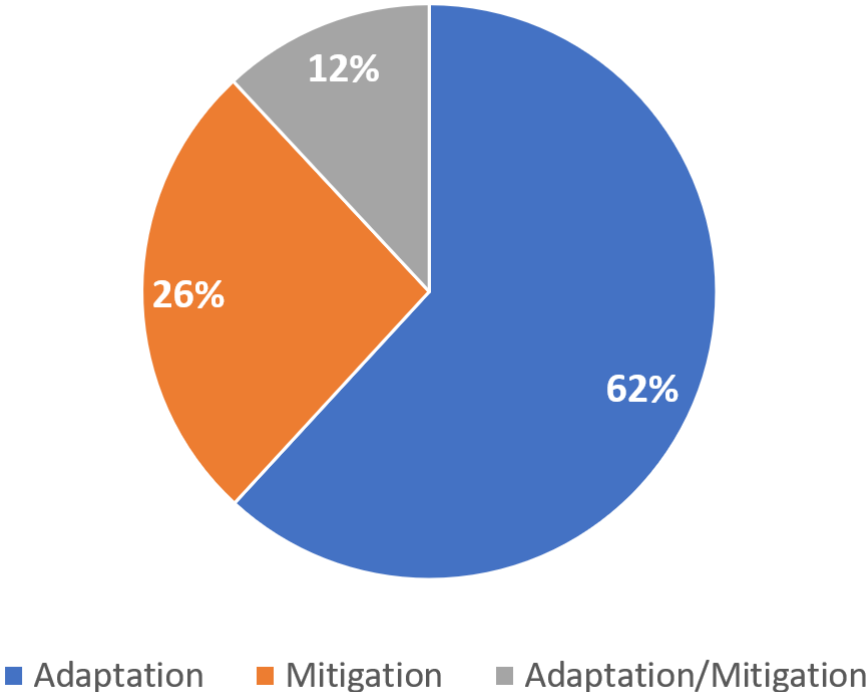
% Budget Absorption by Region



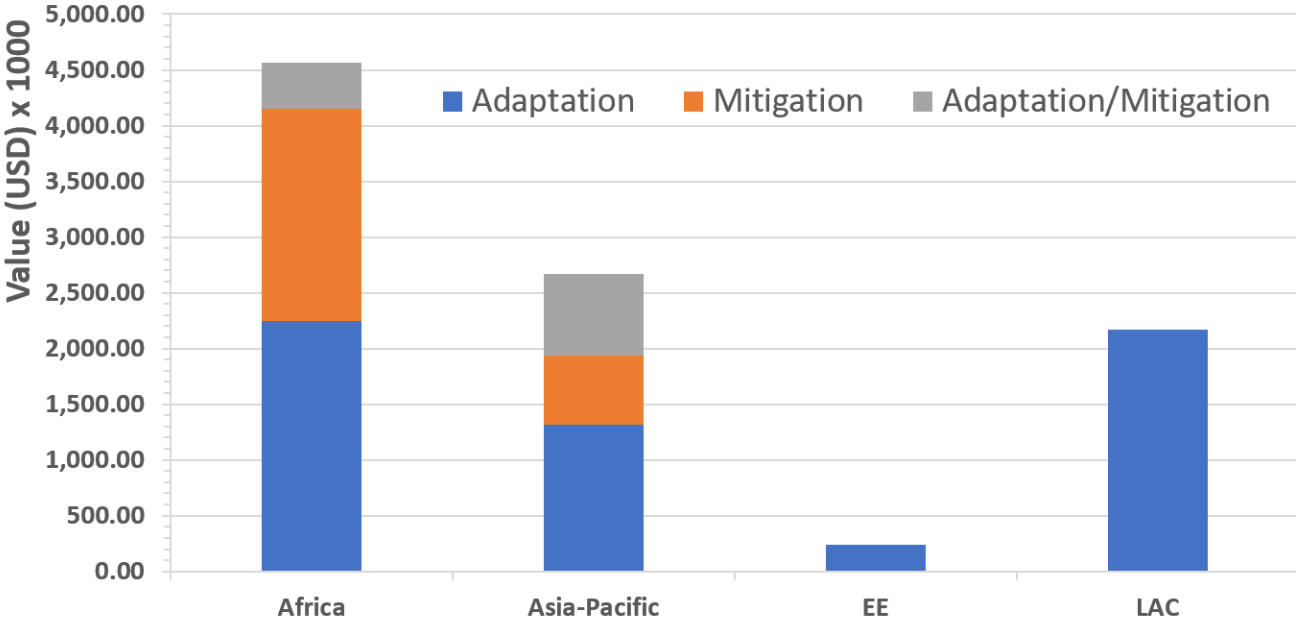
* Multi-country TAs are considered as one TA

Distribution of the Budget by Mitigation and Adaptation

% Budget Absorption by Sector



TA Value by Sector and Region



Asia-Pacific: TAs Under Implementation

Country	Title	Status	System Transformation Area	Category
Bangladesh	Feasibility research of Solar Electric-Based Cold Warehouse equipped with Low-temperature Latent Heat Material for Fruit Storage in Bangladesh Climate Conditions		ES	Mitigation
Cambodia	Development of national Green Hydrogen roadmap for accelerating carbon neutrality		ES	Mitigation
Cambodia	Strengthening Climate-Resilient Water Storage Systems for Agriculture in Cambodia through Feasibility Assessment and Investment Readiness of Improved Rainwater Harvesting Solutions		WEF	Adaptation
Cambodia	Strengthening Climate-Resilient Water–Energy–Food Nexus Decision-Making in Cambodia through an Integrated Decision Support System, starting with the transboundary Se San River Basin		WEF	Adaptation
Kyrgyzstan	Development of an Integrated Waste Management and Circular Economy Roadmap for the Kyrgyz Republic (2025–2030), including the Conceptual Design of a Pilot Deposit-Return System		BI	Adaptation
Maldives	Feasibility study on green hydrogen potential in Maldives and development of a national roadmap for sustainable energy transition		ES	Mitigation
Mongolia	Reducing smallholder vegetable farmers' vulnerability to climate change impacts, including water scarcity in Mongolia through Ecosystem-based Adaptation (EbA) and digitalized risk mitigation insurance solutions		WEF	Adaptation
Nepal	Comprehensive Feasibility Study for Nepal's Integrated Cement, Green Hydrogen, and Urea Production Plant Project		BI	Mitigation
Tajikistan	Enhancing Weather and Climate Data Management Innovation in Tajikistan through an AI- and Observation-Based High-Resolution Data Management Platform		BI	Adaptation
Uzbekistan	Pre-feasibility study for groundwater desalination and resource recovery in Uzbekistan		WEF	Adaptation
Vietnam	Strengthening salinity intrusion data sharing and forecasting for adaptation to climate change impacts in the Mekong Delta of Viet Nam		WEF	Adaptation

WEF=5;
BI=3; ES=3

Philippines –
also first time
request

11

Asia-Pacific: Closed & New TA Requests

- 1 TAs completed in the reporting period.
- Trends in TAs under bidding:
 - Nepal – green hydrogen
 - Cambodia – water resilience & storage systems
 - Kyrgyzstan – waste management & circular economy
 - Tajikistan – weather & climate data management

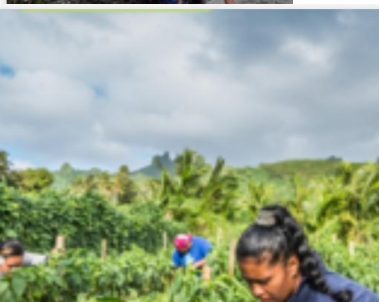


Flagship Programmes



Adaptation Fund Climate Innovation Accelerator (AFCIA)

The Adaptation Fund has launched a new USD 10 million pilot small grants programme (Adaptation Fund Climate Innovation Accelerator, AFCIA) to foster innovation in adaptation in developing countries at the United Nations Climate Change Conference (COP25).



Adaptation Fund Climate Innovation Accelerator (AFCIA), second edition : AFCIA II

AFCIA II programme builds on AFCIA I by identifying, demonstrating, and scaling up innovative adaptation technologies. AFCIA II will implement more projects, increasing by 60 the number of Technical Assistance that will be funded, with a focus on NSI.



Climate Change and Security: Innovative Community-based Climate Technology for Communities at Risks of Conflicts Due to Climate Impact

The European Union has committed EUR 3 million over 3 years to support ten requests from countries at risks of conflicts due to climate impact in providing conflict-sensitive, field-focused, reliable, cost-effective climate technologies solutions.



Innovative Climate Solutions - ICS Programme

The European Commission has committed EUR 2 million over 2 years to support seven requests from developing countries to support innovative climate technology solutions.

More information available at:
<https://www.ctc-n.org/technical-assistance>

[Learn more](#)



AFCIA Phase I
Programme officially closed.



AFCIA Phase II
1 TA closed
9 TAs under implementation
7 at design phase
109 requests submitted during
LAC Call for Proposals



EC-funded Climate Change and Security
Programme officially closed.
1 projects already scaled (Zimbabwe).
5 projects trying to be scaled by GEF.



EC-funded Innovative Climate Solutions
2 TAs closed during the reporting period
5 TAs under Implementation
Top-up for 3 completed TAs

Kenya

- KCB: A USD \$ 96.6 million GCF full project proposal was approved in March 2026 after a KCB and CTCN co-developed concept note was approved for GCF PPF in November 2024.

Tanzania (completed TA)

- The CTCN e-mobility project, which closed in August 2024, catalyzed significant policy and market momentum

Burundi (ongoing TA):

- a co-financed TA with AfDB will kick off the first ever parametric agricultural insurance product in the country
- Expected to mobilise US\$5-10 million in private agricultural credit
- Providing 5,000 smallholder farmers with a financial safety net

Pakistan

- TA on “Technology Roadmap for NDC Implementation”, completed in November 2024, resulted in four concept notes for scale-up.
- USD 158,006 in co-financing from the Korea Green New Deal Trust Fund (KGNDTF) supported biochar pre-feasibility studies, leading to the Pakistan Biochar Circular Economy Investment Platform (PB-CIP) proposal.
- Potential EUR 5 million support from the Italian Agency for Development Cooperation (AICS) for scaling up biochar solutions is under consideration.
- GGGI, ICARDA and NRSP are advancing a USD 25 million GCF proposal to scale climate-smart agriculture interventions in Sindh and Punjab, currently under review by Pakistan’s GCF NDA.

Algeria

- Feasibility study and technical support for the reparation of a waste-to-energy pilot project at a cement plant completed in May 2026 (annual decarbonization potential of ~204,000 tCO₂e per year)
- The project proponent won the Environment & Sustainability Award at the Algeria Invest Awards 2026 for this planned waste-to-energy project
- It is now seeking funding to build a national waste value chain enabling large-scale industrial decarbonization



UNFCCC_CTCN



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Climate Technology
Centre Network

CTCN Secretariat
UN City, Marmorvej 51
DK-2100 Copenhagen, Denmark
www.ctc-n.org
ctcn@un.org

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