

# Introduction to CTCN Mandate and Activities

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# CTCN Mandate

# UNFCCC Technology Mechanism

**UNFCCC Technology Mechanism:** To enhance action on climate technology development and transfer

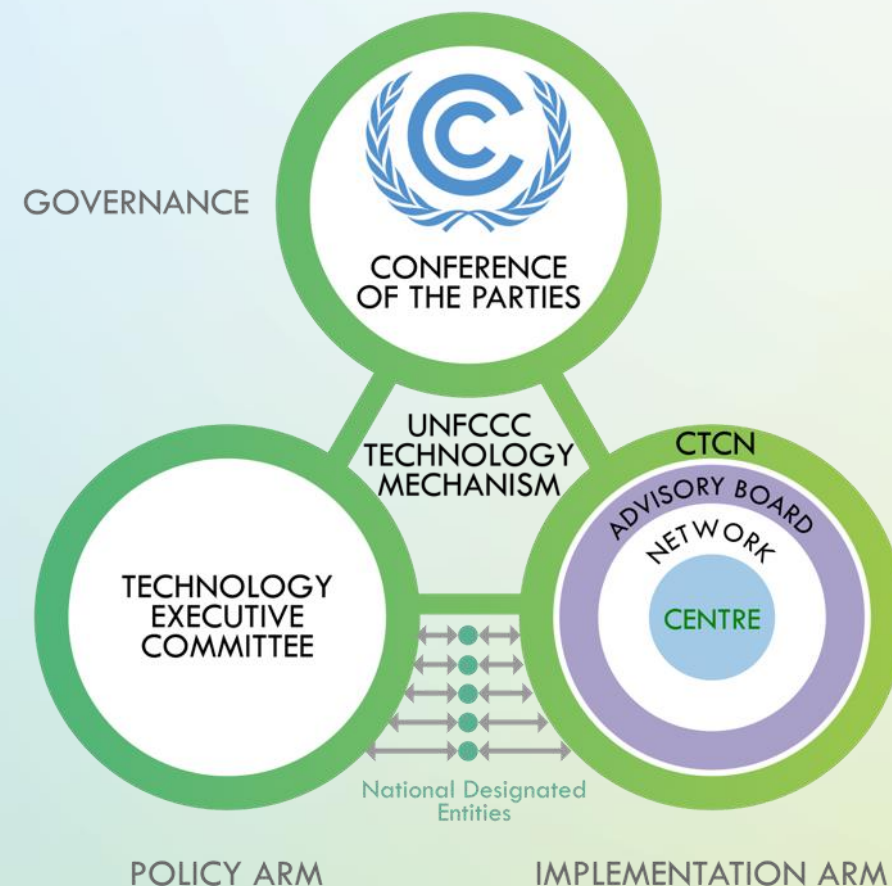
## Technology Executive Committee (TEC) Policy arm

- Recommends and addresses technology policy issues
- Facilitates development of technology planning tools

## Climate Technology Centre and Network (CTCN) Implementation arm

Three core services:

- Technical assistance,
- Collaboration and Stakeholder Engagement through information and knowledge sharing,
- Network and capacity-building



**“Stimulate technology cooperation and enhance the development and transfer of technologies to developing country Parties at their request”** through small scale catalytic projects

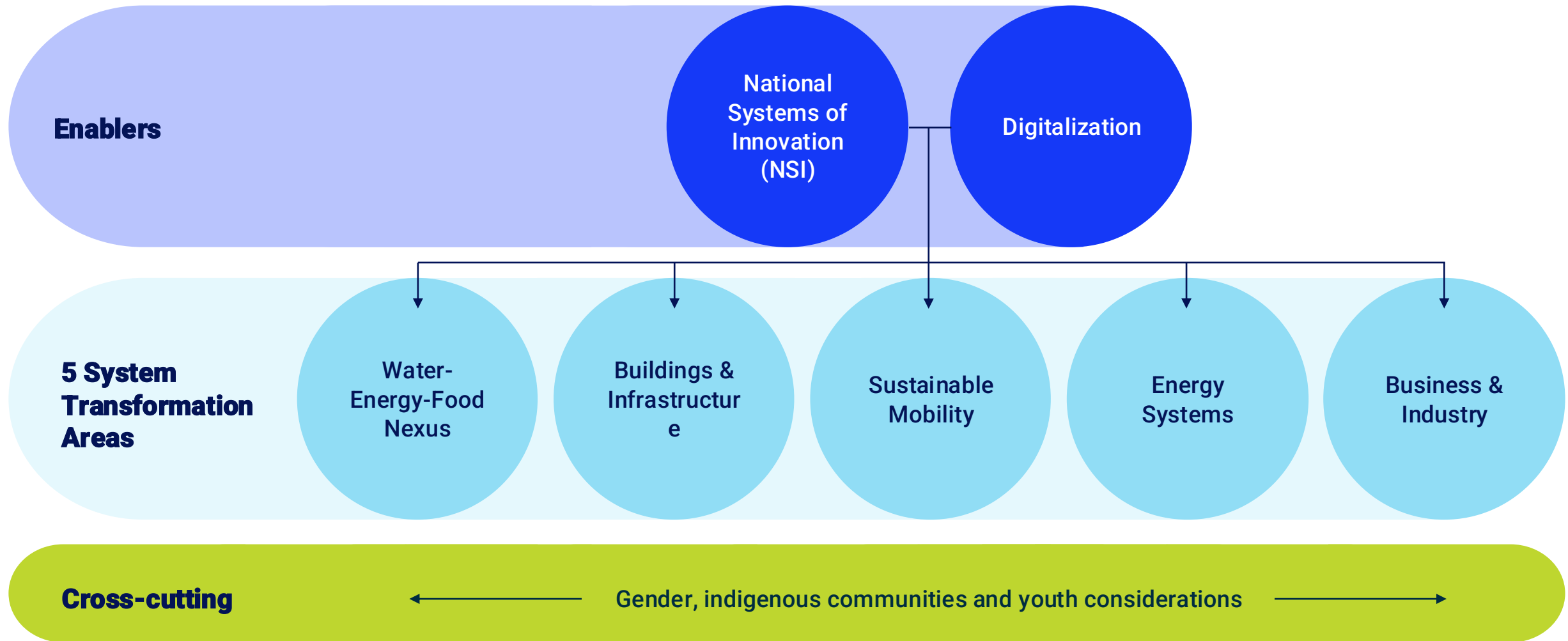
## Key Services Offered:

- 1. Technical Assistance:** Tailored technical assistance designed to **overcome barriers to deploying climate technologies** (Feasibility studies; policy reform, cost benefit analysis, technology options, etc)
- 2. Network and Capacity Building:** Empowering countries through skill development and knowledge transfer (annual regional forums, thematic workshops)
- 3. Information and knowledge sharing:** Climate Tech Portal: ([www.ctc-n.org](http://www.ctc-n.org)), publications and webinars

## Global Network:

- **CTCN today engages with 160+ countries** through their nationally appointed Climate Technology Focal Points, known as National Designated Entities (NDEs)
- CTCN services are supported by leveraging the expertise of over 1000+ technology companies and institutions that are part of the [CTCN Network](#), providing specialized knowledge and solutions to meet climate technology needs worldwide.

# CTCN's 3<sup>rd</sup> Programme of Work 2023-2027



## **Decision 18/CMA.7 (Nov 2025)**

Parties adopted the Belém TIP as part of the Belém political package. The decision sets out, inter alia, the strategic direction, guiding principles and key elements for the implementation of the Belém TIP. Running at least until 2034, with the possibility of extension, this is the first implementation programme under the Paris Agreement.

## **What is next?**

Implementation of the Belém TIP is underway:

- Parties and non-Party stakeholders were invited to submit views on proposed topics for the first global in-session dialogue (June 2027) under the Belém TIP through the UNFCCC submissions portal by 1 July 2026.
- TEC will consider and decide on topics at TEC 33 (Sept 2026)
- TEC and CTCN will discuss mandates to them emerging from the Belém TIP at TEC33 and AB28 meetings (Sept 2026)
- First regional B TIP dialogue is expected in first half of 2027



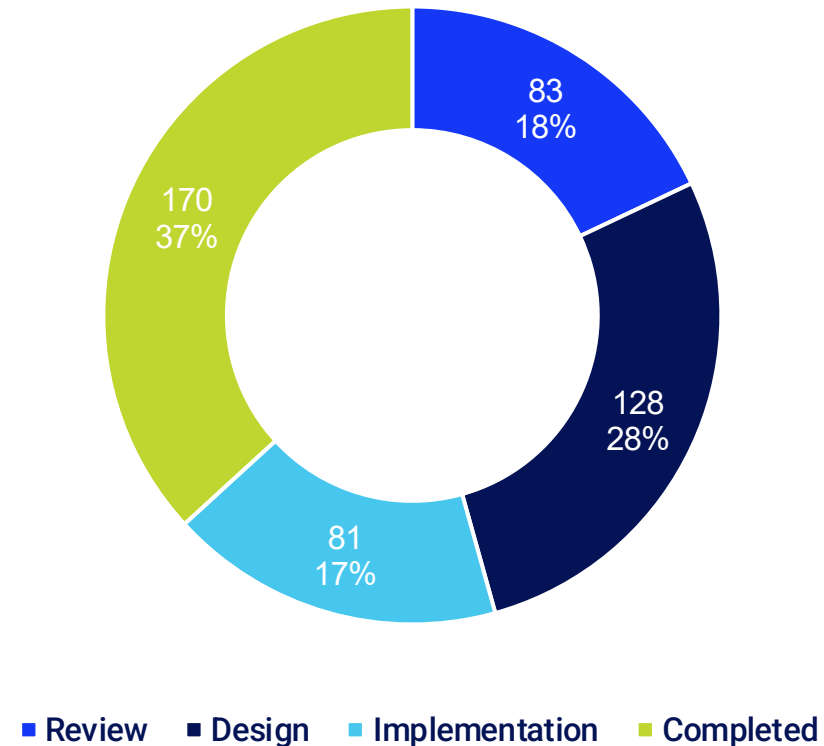
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## Technical Assistances

# Technical Assistances since 2014

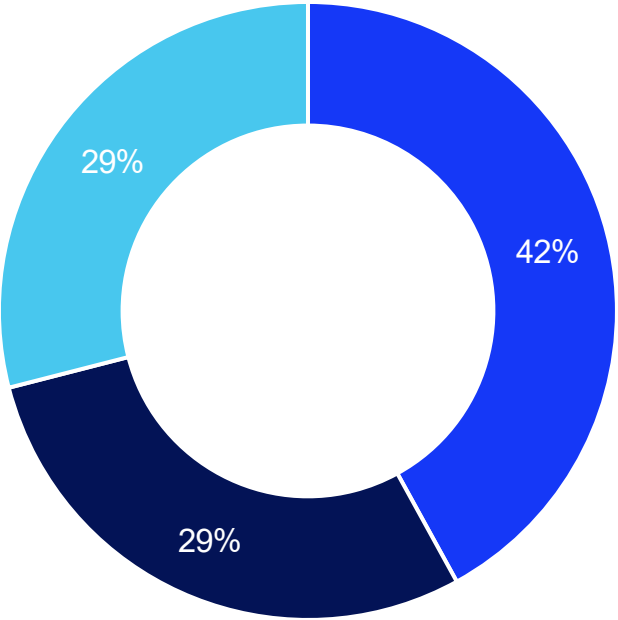
Since 2014, CTCN has processed 462 requests for technical assistance which are at different stages (review, design, implementation, completed).

**Technical assistance requests at different stages since 2014**



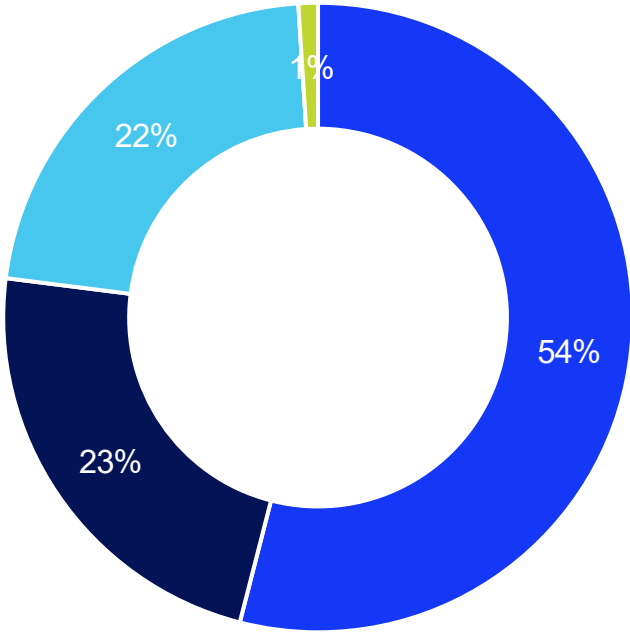
# Technical Assistances since 2014

By objective



■ Mitigation ■ Adaptation and mitigation ■ Adaptation

By region



■ Africa ■ Asia and the Pacific ■ Latin America and the Caribbean ■ Eastern Europe



## Adaptation Fund Climate Innovation Accelerator

- Targeting innovative solutions for adapting to climate change.
- Funded by Adaptation Fund. AFCIA I (USD 5 million) completed, AFCIA II (USD 10 million) ongoing, AFCIA coordination (USD 2 million)



## Climate Change and Security

- Supporting countries at risks of conflicts due to climate impact in providing conflict-sensitive, field-focused, reliable, cost-effective climate technologies solutions.
- Funded by EC (EUR 3 million)



## Innovative Climate Solutions

- Supporting developing countries in transformative change using innovative climate technologies, specifically focused on LDCs and SIDS.
- Funded by EC (EUR 2 million)

## ALGERIA 2025-2026

### Turning Waste into Fuel: Decarbonizing Algeria's Cement Industry

- Delivered a feasibility study and pilot design for waste-to-energy at GICA's Chlef cement plant.
- Demonstrated that a third of fossil fuel use can be replaced with waste-derived fuels, avoiding an estimated ~204,395 tCO<sub>2</sub>e per year at the pilot plant alone.
- Created a scalable model with potential to expand across GICA's 13 other plants nationwide.
- Recognized with the Environment & Sustainability Award at the Algeria Invest Awards 2026.



## NEPAL 2022-2025

### Forecasts to Farmers: Building Climate Resilience in Nepali Agriculture

- Built a digital system delivering location-specific 3-day weather forecasts to farmers via SMS, WhatsApp and email.
- Piloted in three districts, helping farmers time irrigation, fertilizer and harvesting to cut climate-related losses.
- Fully handed over to Nepal's AITC with training and ownership for national operation.
- Defined a nationwide scale-up strategy with funding pathways via UNEP, FAO, World Bank and IFAD.



## KENYA 2024-2025

### Unlocking Finance at Scale: Climate Tech for Kenya's MSMEs

- CTCN's early-stage support turned a concept into a bankable proposal, unlocking USD 43.6M from the GCF for a USD 96.9M national programme.
- First time CTCN assistance to a GCF Direct Access Entity has directly enabled full-scale GCF financing.
- De-risked local-currency lending facility bringing climate-smart technologies and green finance to MSMEs and farmers.
- Expected to reach an estimated 935,000 people, with over 112,000 direct beneficiaries in Kenya's most climate-vulnerable counties.



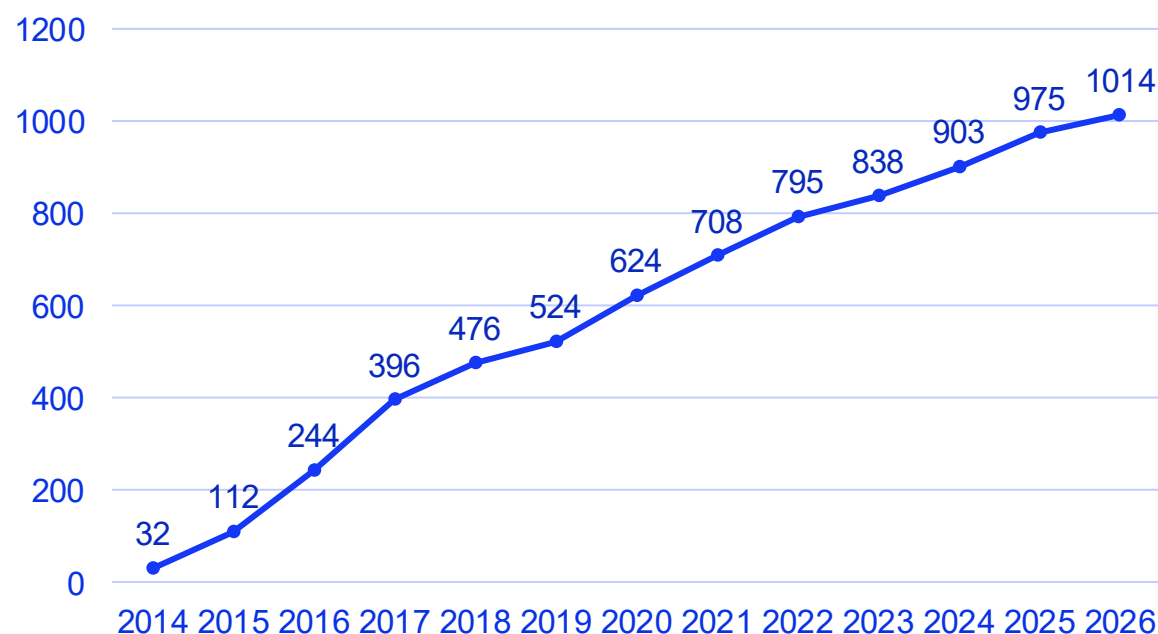
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## Network and Capacity Building

# 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% |

## Global Thematic

**Exclusive to NDEs and line ministries**

### Objectives

- Focus on training climate technology trends
- Offer Peer-to-Peer learning
- Facilitate co-ideation of cross-regional/multi-country TA projects among NDEs

## Stakeholder Eng.

**Exclusive to NDEs and their finance focal points**

### Objectives

- Provide a platform facilitating alignment and enhance communication between national stakeholders
- Support initial activities of TA projects complimenting under developing/existing climate projects

## Collaborative RD&D

**Exclusive to NDEs and Network members from private sector**

### Objectives

- Provide a platform facilitating knowledge exchange
- Support a twinning institutional arrangement
- Support cRD&D TA project ideated through the programmes

## Network Eng.

**Exclusive to NDE rep. on technology and Network members**

### Objectives

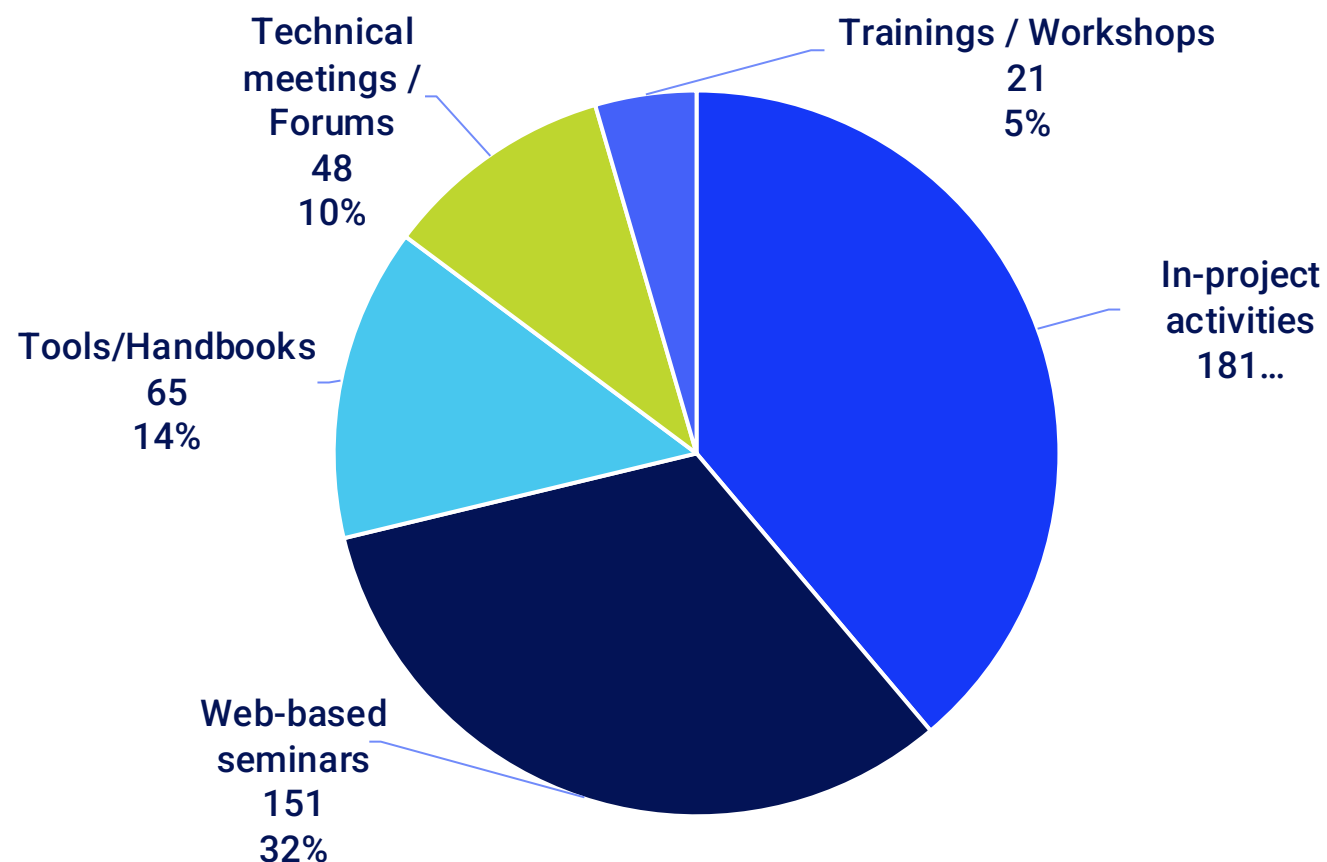
- Provide a platform for showcasing climate technologies
- Fostering partnerships/collaborations among NDEs and Network members
- Welcome emerging technology providers to the Network

# 10 Years of CTCN Capacity Building

**466** CB activities  
in total

**3.8** CB activities per  
month on average

**4,637** Individuals  
benefited





United Nations Climate Change  
Technology Executive Committee

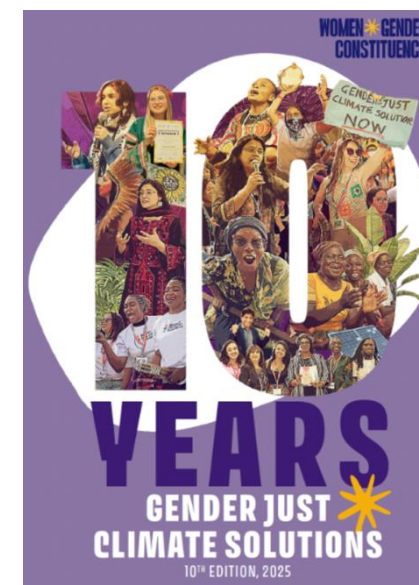
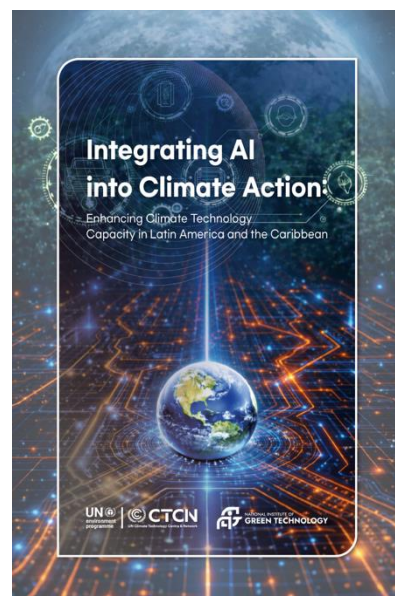
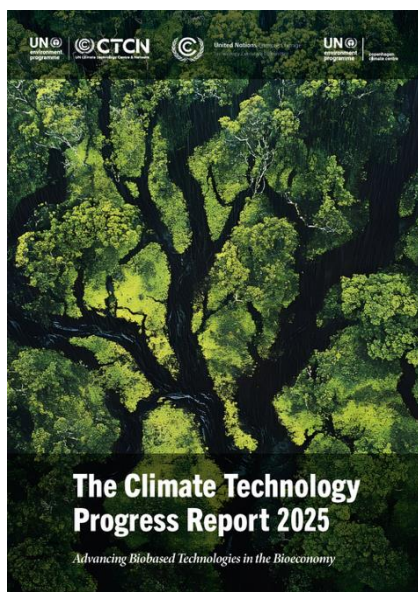


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## Information and Knowledge Sharing

# CTCN Website & Resources

Through the [CTCN website](https://www.ctcn-n.org), you can access many resources, including blogs, fact sheets, reports and events. [Sign up](#) for our newsletter & [follow us](#) on social media!



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## CTCN Operations

- Headquarter in Copenhagen, Denmark
- Partnership and Liaison Office in Songdo, South Korea
- Regional presence in Africa (Nairobi), LAC (Panama) and Asia-Pacific (Songdo)
- 22 team members across programme and project management, communication, governance, network engagement, resource mobilization, finance and admin
- 16 nationalities



## Supported by:

