

# Network Engagement Strategy

27<sup>th</sup> Advisory Board Meeting  
CTCN Secretariat  
Agenda item 16.1  
20 April 2026

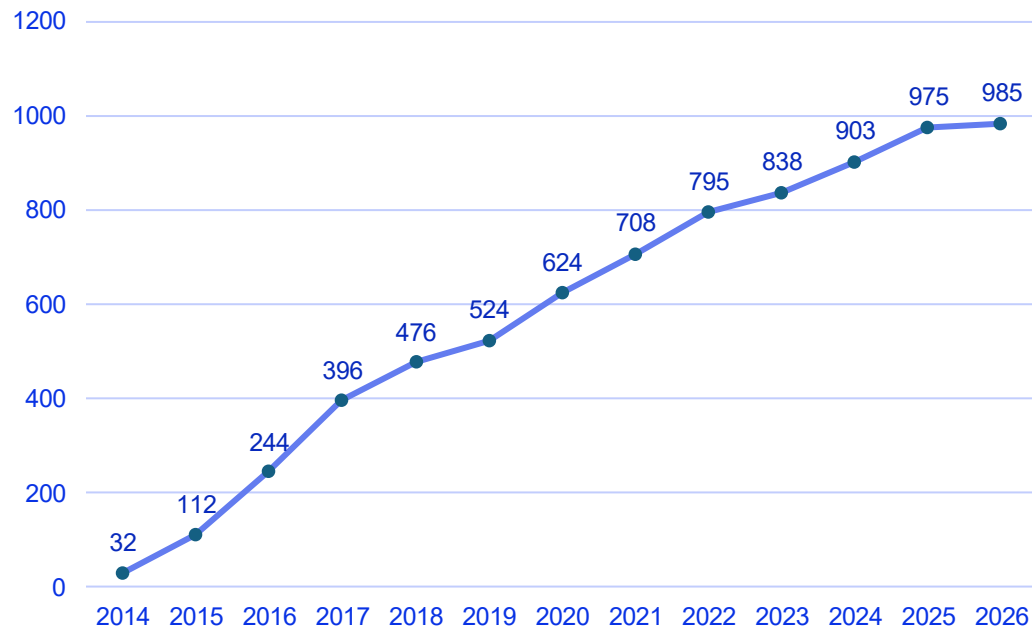


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# About the CTC Network

# Climate Technology Network (CTN) & its role in CTCN

Since September 2025, the CTN has welcome 53 new network members and has now steadily grown to **985 network members**.



## CTN role in CTCN Activities

Implementing **Technical Assistance (TA)** projects on national level

Key stakeholder for **Capacity Building (CB)** programmes on regional or global level

Key stakeholder for **Knowledge Sharing (KS)** initiatives

Supporting the CTCN in facilitating **technology transfer for developing countries**

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**Background**

# Why strengthening Network engagement matters

## 1. Evolving Role

Originally designed for a smaller, consortium-led model, the Network now drives delivery of Technical Assistance, while increasingly contributing to Capacity Building and Knowledge Sharing.

## 2. CTCN Network Growth

The Climate Technology Network has expanded to nearly 1,000 members globally, becoming the main delivery mechanism for CTCN services.

## 3. Emerging Challenges

Growing demand for new technologies and expanded CTCN programmes require more systematic engagement and clearer mobilization of expertise.

## 4. Opportunity for Improvement

2025 Network Survey results and engagement patterns highlight the need for stronger coordination, clearer engagement pathways, and closer collaboration with NDEs.

CTC Network has grown significantly, but engagement mechanisms have evolved only gradually - **creating an opportunity to strengthen coordination, visibility of expertise, and strategic collaboration.**

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# Strategic Context

## Feedback from AB members

- **Quality over Expansion** - Prioritize meaningful engagement rather than increasing Network size.
- **Simpler and Focused Actions** - Consolidate proposed activities and focus on practical outcomes.
- **Stronger NDE–Network Linkages** - Improve collaboration between Network members and National Designated Entities.

## **Based on the COP30/CMA7 decisions\*, the CTC will facilitate its Network in order to:**

- **Cooperate with national, regional and international technology centres and relevant national organizations, including those that facilitate social inclusion and promote gender-responsive technologies, technologies led by youth, women and Indigenous Peoples as well as local communities, and endogenous technologies;**
- **Foster international partnerships with public and private sector stakeholders to accelerate the development, deployment, diffusion and dissemination of climate technologies in developing countries;**
- **Provide in-country technical assistance and training to support the development and implementation of identified technology actions in developing countries;**
- **Stimulate the establishment of twinning centre arrangements to promote North–South, South–South and triangular partnerships with a view to encouraging cooperative research, development, demonstration and deployment;**
- **Identify, disseminate and assist with developing analytical tools, policies and best practices for country-driven planning to support the development, diffusion and dissemination of climate technologies;**
- **Provide matchmaking for the purpose of securing funding for implementing technologies identified as needed by developing country Parties;**

\* Decision 10/CP.30 and decision 17/CMA.7 (“Review of the functions of the Climate Technology Centre”), Annex I, paragraph (d)

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## **Strategic Actions & Key Activities**

## Network Engagement Strategy

translates these priorities into **three strategic actions** to strengthen the Climate Technology Network as a collaborative, coordinated, and impact-oriented platform supporting country-driven climate technology implementation.

### Strategic Action 1

Facilitating collaboration and finance linkages through new engagement modalities

### Strategic Action 2

Strengthening existing Network engagement and collaboration

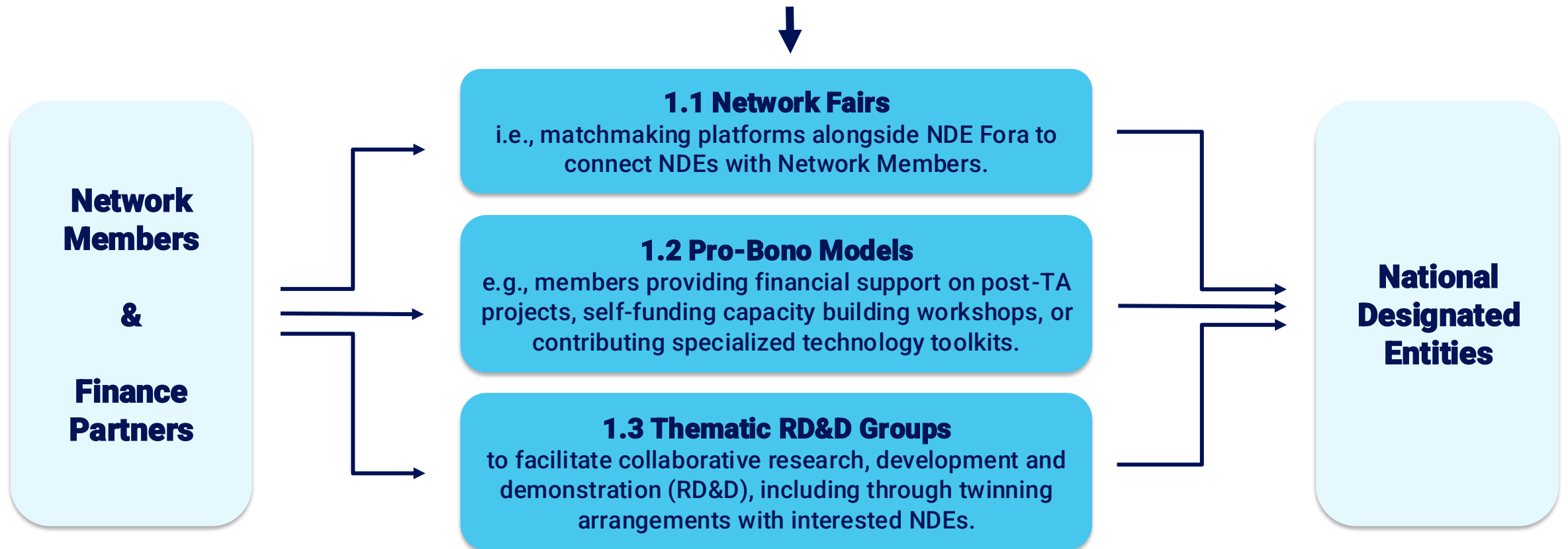
### Strategic Action 3

Strengthening systematic Network coordination and management

# Strategic Action 1

## Facilitating collaboration and finance linkages through new engagement modalities

Pilot **new network-driven engagement modalities** and exploring **collaborative pathways** to **strengthen linkages between technology support and finance.**



# Timeline and recent examples

Facilitating collaboration and finance linkages through new engagement modalities	<b>1.1 Network Fairs</b>	<b>Network Fair in Africa</b> 25 March 2026 Hammamet, Tunisia	<b>Network Fair in LAC</b> 20 May 2026 San Ignacio, Belize	<b>Network Fair in Asia</b> 7 July 2026 Pattaya, Thailand	<b>Network Fair in SIDS</b> TBC	<b>Network Fair in Eastern Europe</b> TBC
	<b>1.2 Pro Bono Models</b>	This will be ongoing, with members encouraged to collaborate and contribute at their own cost as opportunities arise.				
	<b>1.3 Thematic RD&amp;D Groups</b>	This will be further developed, with the aim of being introduced in 2027.				



## Network Fair at Africa NDE Forum – 25th March 2026

The Network Fair was launched to strengthen engagement between NDEs and Network Members. NDEs explored technology solutions and services aligned with national priorities while network members exchanged feedback and collaboration ideas.

Enhance existing engagement modalities to make **Network participation more effective, inclusive, and responsive**, while **deepening collaboration with NDEs and former Consortium Partners**.

### 2.1 Engagement at NDE Fora

Network members contribute as facilitators and workshop partners to strengthen NDEs' understanding of relevant technologies and collaboration opportunities.

### 2.2 Capacity Building Contributions

Members present technologies and share expertise in CB programmes to strengthen NDEs' technical knowledge and practical skills.

### 2.3 Knowledge Co-Development

Co-develop publications, guidance materials, case studies, and best practices with CTCN.

### 2.4 Thematic Webinars

Expand regular webinars on priority technologies, co-hosted with Network members.

### 2.5 Member Visibility

Feature actively engaged members and successful collaborations in CTCN newsletters.

### 2.6 Showcasing Technology

Encourage members to showcase their technology solutions on the CTCN website.

# Timeline and recent examples

## Strengthening existing Network engagement and collaboration

<b>2.1 Engagement at NDE Fora</b>	<b>Africa NDE Forum and Capacity Building</b>	<b>LAC NDE Forum and Capacity Building</b>	<b>Asia NDE Forum and Capacity Building</b>	<b>SIDS NDE Forum and Capacity Building</b>	<b>Eastern Europe NDE Forum and Capacity Building</b>
<b>2.2 Capacity Building Contributions</b>	<b>23-26 March 2026</b> Hammamet, Tunisia	<b>19-22 May 2026</b> San Ignacio, Belize	<b>7-10 July 2026</b> Pattaya, Thailand	<b>TBC</b>	<b>TBC</b>

### Examples of Network Members' Engagement at NDE Fora and Capacity Building Programmes

**Presentation by Implementing Partner**  
at LAC Capacity Building Programme 2025

**Session: Climate Technology Partnerships and Private Sector involvement in climate action**

*Latest results from the Multi-country TA on Circular Economy Finance*

**BASE - CTCN Implementing Partner**

**Presentation by Network Member**  
at Africa Capacity Building Programme 2024

**Session: Introduction to AI4Climate Action**

*AI in a developing country context: Challenges and Opportunities*

**African Centre for Technology Studies (ACTS) - CTC Network Member**

**Pitch Presentations by Network Members**  
at Asia Capacity Building Programme 2025

**Session: Highlights on key technologies - Digital solutions by Korean Network members**

**DI Labs**  
**Integrated Watershed Management Institute**  
**Envelops**  
**ATE Tech**

**Network Member as a Co-host**  
at SIDS Joint Programme 2025

The SIDS NDE joint programme 2025 was co-hosted by UN CTCN and network member **Griffith University**.

**Network Member as a Workshop Lead**  
at Africa NDE Forum 2026

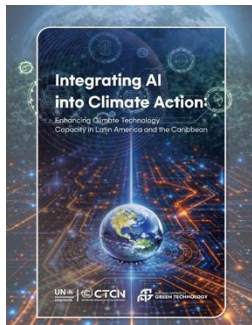
World Café Workshop **System transformation areas – Water-Energy-Food (WEF) Nexus**

**Becquerel Institute**  
**IdeaConsult**

# Timeline and recent examples

## Strengthening existing Network engagement and collaboration

<b>2.3 Knowledge Co-Development</b>	This is being undertaken on an ongoing basis, depending on interest from Network members.
<b>2.4 Thematic Webinars</b>	This is planned to take place on a quarterly basis, and as relevant based on member's interest.
<b>2.5 Member Visibility</b>	This is done through monthly newsletters, highlighting member engagement and collaboration.
<b>2.6 Showcasing Technology</b>	Members are invited to publish their technologies on CTCN website upon joining and the solutions are accessible through their members' page. Network Solutions page is under development.



## Network-led Publications

### Upcoming Opportunity

CTCN is looking for a partner from the Network for a joint publication on AI solutions across Africa.



### Digital Earth

**Problem**  
Addressing climate change and building resilience require countries to access, analyze, and apply vast amounts of environmental, social, and economic data. Yet for many governments – especially in Least Developed Countries (LDCs) and Small Island Developing States (SIDS) – this data is fragmented, difficult to access, or locked in formats that are not suitable for decision-making. Critical Earth observation (EO) and geospatial datasets are often underutilized due to barriers such as limited technical capacity, weak digital infrastructure, high costs of processing and storage, and the absence of enabling governance frameworks.

**Solution**  
Without timely and other data, climate adapts the ability of Digital Earth and other data and resources and partners' regional perspective.

**Network member**  
ICTEAS

**Technology sector**  
Early warning and Environmental Data Systems

**Website**  
<https://digitalearthopen.org/>

### National Data Sharing for Climate Action and Resilience

**Problem**  
Effective climate action depends on timely access to reliable, interoperable data. Yet in many countries – particularly LDCs and SIDS – data ecosystems remain fragmented across ministries, sectors, and development partners. Critical climate-relevant data is often locked in silos, constrained by weak governance frameworks, limited technical capacity, inadequate infrastructure, and unclear policies on data sharing and use. These challenges prevent governments and stakeholders from leveraging data for evidence-based planning, risk management, and sustainable investment. Without a clear diagnosis of institutional readiness and system gaps, efforts to build national climate data platforms risk being ad-hoc, duplicative, and unsustainable.

**Solution**  
In partner countries evaluate institutional readiness and system gaps, efforts to build national climate data platforms risk being ad-hoc, duplicative, and unsustainable.

**Network member**  
ICTEAS

**Technology sector**  
Early warning and Environmental Data Systems

**Website**  
<https://data-sharing-system.org/>

**Facebook email**  
[info@data-sharing-system.org](mailto:info@data-sharing-system.org)

### Supergreen Vertical Garden: Nature-Based Climate Technology for Developing Countries

**Problem**  
Climate Change is Intensifying Urban and Environmental Vulnerabilities in Developing Nations  
Developing countries face compounding environmental challenges due to rapid urbanization and climate change:

- Rising temperatures and frequent heatwaves are increasing energy demand and health risks.
- Air pollution from fine dust (PM2.5, PM10) is severely impacting public health.
- Water scarcity and polluted runoff degrade food and communities.
- Urban areas lack green infrastructure to absorb carbon, retain water, and support biodiversity.
- Local governments often lack access to proven, low-cost, and scalable climate solutions.

These challenges demand technologies that are not only effective, but also easily transferable, resource-efficient, and capable of being operated by local communities.

**Solution**  
Supergreen – A Scalable, Low-Carbon Vertical Garden System Tailored for Local Deployment  
Supergreen, developed by CMI Corporation (Republic of Korea), is a modular, nature-based technology that transforms vertical surfaces into carbon-absorbing, water-managing, and biodiversity-restoring infrastructure.

Unlike conventional greening approaches, Supergreen is designed for cost-effective transfer to developing countries and ensures adaptability to diverse local conditions.

**Key Features:**



### Integrated Platform for Tropical Cyclone Monitoring and Forecasting for Typhoon-related Disaster Management

**Problem**  
The damages caused by tropical cyclones have intensified due to climate change, with particularly severe impacts on developing countries along the Pacific coast, in Southeast Asia, and the Caribbean. These regions – many of which are partner countries of ICTEAS – share common vulnerabilities and challenges in managing cyclone-related disasters. The key problems include:

- Lack of Tropical Cyclone Monitoring and Forecasting Infrastructure: Most national meteorological agencies in these regions lack dedicated, ICT-based systems for tropical cyclone monitoring and forecasting. As a result, they rely heavily on fragmented tools, open-source software, and outdated methods, which hampers the timely delivery of accurate warnings.

**Institutional Limitations:**  
Forecasting responsibilities are often scattered across multiple departments or underfunded units within government agencies. This structural fragmentation weakens national disaster preparedness and response mechanisms.

**Severe Capacity Gaps:**  
Many institutions lack adequately trained personnel capable of conducting satellite-based cyclone analysis, generating high-resolution forecasts, or managing real-time emergency information dissemination. In several countries, meteorological satellite data is underutilized due to technical and human resource constraints.

**Solution**  
ICTEAS offers an ICT-based Integrated Platform for Tropical Cyclone Monitoring and Forecasting, adopted from Korea's Typhoon Operation System (TOS). The platform synthesizes forecasting and disaster response through real-time data integration, satellite analysis, and automated dissemination.

## Technology Solutions from the Network

Improve systematic coordination to **enhance transparency, consistency, and evidence-based planning** across Network engagement.

#### **3.1 Member Annual Orientation**

Annual sessions introducing engagement opportunities, participation pathways, and key operational processes.

#### **3.2 Biennial Network Feedback**

Biennial surveys to capture member perspectives and inform future engagement approaches.

#### **3.3 Recognition of Contributions**

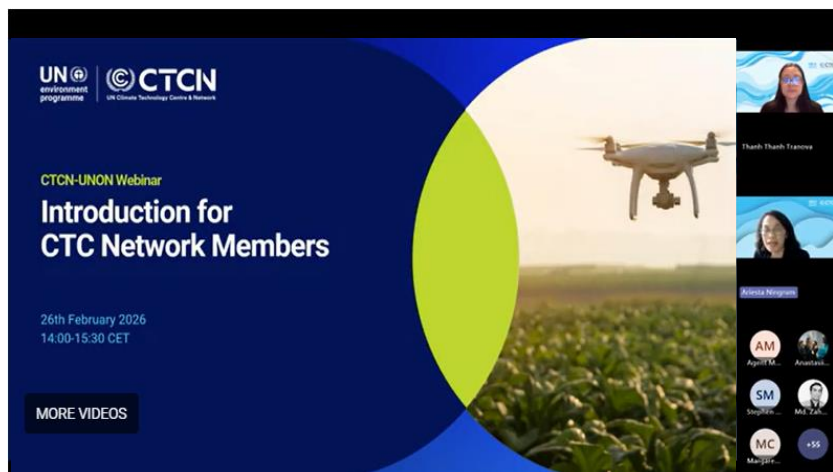
Reflect Network members' engagement and impact in the CTCN Annual Report.

#### **3.4 Improved Tracking & Expertise Mapping**

Enhance the Knowledge Management System (KMS) to better track engagement and categorize expertise for monitoring and reporting.

## Strengthening systematic Network coordination and management

<b>3.1 Member Annual Orientation</b>	This will be held annually in the first quarter of the year, with the first orientation held in February 2026.
<b>3.2 Biennial Network Feedback</b>	This is conducted every two years, with the next round planned for 2027.
<b>3.3 Recognition of Contributions</b>	This is collected annually through the CTCN Annual Report.
<b>3.4 Improved Tracking &amp; Expertise Mapping</b>	This is being advanced through a dedicated working group, that has been formed in the beginning of this year.



### CTCN-UNON Webinar: Introduction for Network Members – 27th February 2026

CTCN hosted its first webinar co-organised with UNON, bringing together 84 Network participants.

CTCN introduced the Network’s structure and priorities for 2026, highlighted opportunities for member engagement, and UNON explained the procurement process for accessing technical assistance.



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Climate Technology  
Centre Network

CTCN Secretariat  
UN City, Marmorvej 51  
DK-2100 Copenhagen, Denmark

[www.ctc-n.org](http://www.ctc-n.org)  
[ctcn@un.org](mailto:ctcn@un.org)

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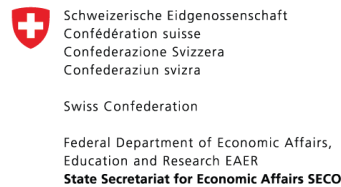
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