

# Update on CTCN activities in 2025

**Ariesta Ningrum**  
CTCN Director  
27<sup>th</sup> Advisory Board Meeting  
Agenda item 15.1


\* Reporting period (AOP 2025) January to December 2025





**Meeting of the Board**  
25 – 28 March 2026  
Songdo, Incheon, Republic of Korea  
Provisional agenda item 10

**GCF/B.44/02/Add.08**  
4 March 2026



**FP292** Scaling climate-smart solutions for hardest-to-reach MSMEs and farmers in Kenya (CST Facility)



**Scaling commercial lending to deliver climate-smart loans to the most vulnerable MSMEs and farmers.**

GCF.10 | 10 YEARS OF CLIMATE IMPACT

Kenya	
Accredited Entity	KCB Bank Kenya Limited (KCB)
Executing Entity	KCB Bank Kenya Limited (KCB)
Impact	<b>Mitigation:</b> 3,926,727 tCO <sub>2</sub> e emission avoided <b>Adaptation:</b> 112,145 direct and 823,547 indirect beneficiaries
USP-2 targets	<b>T1:</b> Investment planning, <b>T2:</b> First-time DAEs, <b>T4:</b> Foods, <b>T11:</b> National and regional financial institutions
ESS Category	I-2
Financing	<b>GCF financing: USD 43,643,200</b>
	• GCF: USD 8,332,000 (grant)
	• GCF: USD 15,000,000 (senior loan)
	• GCF: USD 20,311,200 (guarantee)
Co-financing: USD 53,263,000	• KCB: USD 3,263,000 (in-kind)
	• KCB: USD 50,000,000 (senior loan)
	<b>Total financing: USD 96,906,200</b>
Notes	Private sector, FP developed with PPF support 14

## Consideration of funding proposals – Addendum VIII

### Funding proposal package for FP292

#### Summary

This addendum contains the following six parts:

- a) A funding proposal summary titled "Scaling climate-smart solutions for hardest-to-reach MSMEs and farmers in Kenya (CST Facility)";

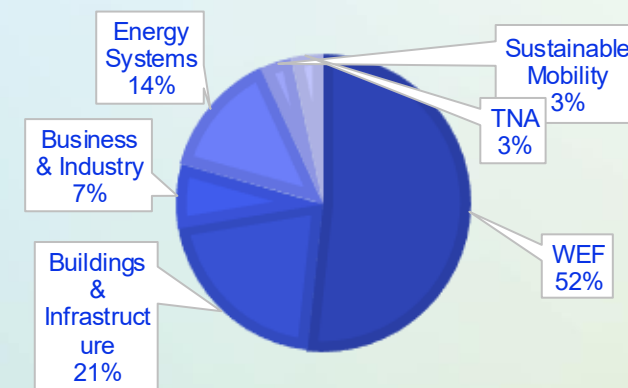
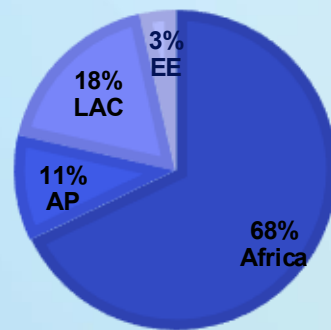
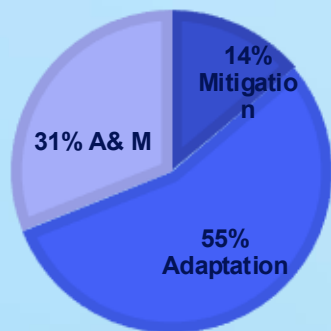
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# Technical Assistance

# Overview: Technical Assistance projects

162 Technical Assistance interventions at various stages of implementation

29 Technical Assistance interventions completed in 2025



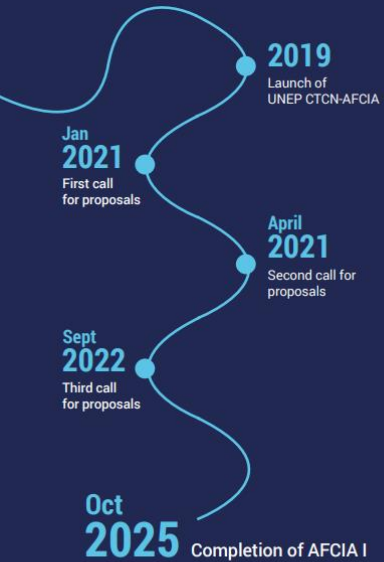
Out of the 29, 8 were completed under AFCIA I, 1 under GCF Readiness, 2 were probono RoK TAs and 12 were funded under the two EC programmes.

# Overview of in-kind and co-financing commitments, post-TA outcomes

- The CTCN has received co-funding and in-kind support from various partners for technical assistance interventions, capacity building activities, and events: USD 364,400
- Technical assistance projects have also catalyzed follow-on funding commitments after the completion of the TA: USD 52,531
- 7 Concept notes and project proposals in the amount of USD 31,560,000 were developed as a result of CTCN TAs completed in 2025

# Spotlight on AFCIA I

## UNEP CTCN-AFCIA timeline



“Climate technology is crucial for accelerating the design and implementation of solutions for climate adaptation and enhancing resilience. For the past 10 years, CTCN has been empowering communities with technology and capacity fit for purpose and the ability to ignite system transformations.”

Kazem Kashefi

UNEP CTCN - AFCIA Impact Report // 10



## Adaptation Fund Climate Innovation Accelerator 2020-2025

**Read Report Here.**

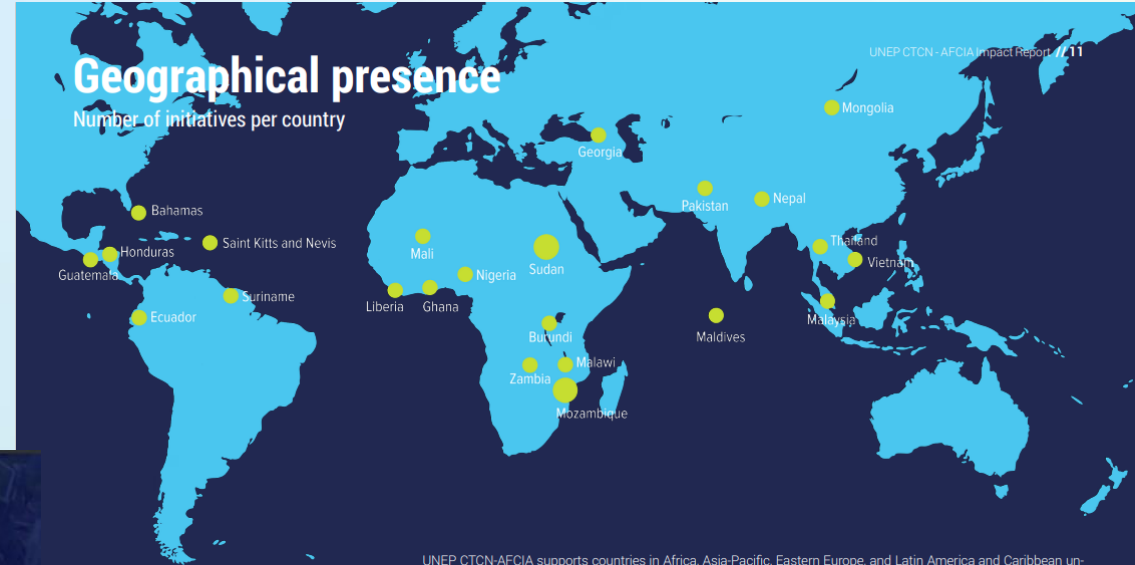
[www.ctc-n.org](http://www.ctc-n.org)

## UNEP CTCN - AFCIA Impact Report

Supporting resilience building of most vulnerable communities through adaptation technologies

## Geographical presence

Number of initiatives per country



UNEP CTCN-AFCIA supports countries in Africa, Asia-Pacific, Eastern Europe, and Latin America and Caribbean under the United Nations Framework Convention on Climate Change (UNFCCC), with priority given to Least Developed Countries (LDCs) and Small Island Developing States (SIDS).



Everyone gets the message now so no one's crops get spoiled anymore.

# Spotlight on EC CC & Security

**5**

CLIMATE MITIGATION

- 4 x Reduced CO2 emissions (Burkina Faso, CAR, Mali, Zimbabwe)
- 1 x Reduced methane emissions (Haiti)

**10**

CONSERVATION AND RESTORATION

- 3 x Ecosystem restoration (Cameroon, Colombia, Haiti)
- 7 x Conservation of natural resources (Burkina Faso, CAR, Chad, Mali, Nigeria, Sudan, Zimbabwe)

**5**

WATER SECURITY

- 3 x Improved water management (Chad, Sudan, Nigeria)
- 2 x Improved water supply (Chad, Sudan)

**5**

FOOD SECURITY

- 3 x Promotion of environmentally-friendly farming practices (Cameroon, Colombia, Zimbabwe)
- 2 x Improved farming efficiency (Cameroon, Nigeria)

**11**

ENERGY SECURITY

- 5 x Increased energy independence (Burkina Faso, Chad, Haiti, Mali, Zimbabwe)
- 6 x Access to renewable, sustainable energy (Burkina Faso, CAR, Chad, Haiti, Mali, Zimbabwe)



THE EC CC&S PROGRAMME DELIVERED

**10**

Initiatives

**200K**

Up to €200k each



Technical assistance for innovative technology uptake



The EC CC&S programme in 10 countries reached 8,166 direct and 515,700 indirect beneficiaries, 63% of these were women and 42% youth.

Read more [here](#).

# Buildings and Infrastructure

Country	Objective	Title
Colombia	Adaptation, Mitigation	Sustainable Cuerval: Strategies for conservation, restoration and monitoring of the mangrove areas of the Cuerval for adaptation and mitigation with a focus on the integration of peace in climate action in Colombia (EC CC&S)
Georgia	Adaptation	Building up integrated monitoring and early warning forest fires detection system in the Borjomi - Kharagauli National Park by innovative remote sensing tools
Ghana	Mitigation	Development of Green Building Guidelines and Standards for Ghana
Malaysia	Adaptation	Development of a Multi-Hazard Platform for forecasting local level climate extremes and physical hazards for Iskandar Malaysia (AFCIA 1)
Mali	Adaptation	Data-driven approach in flood mitigation: developing real-time mapping of floods in Mali (AFCIA 1)
Uganda	Adaptation, Mitigation	Technical Assistance Towards the Development of a Project Proposal for the Implementation of Climate Adaptation and Mitigation Technologies to Address Climate Challenges in Specific Sectors Based on Uganda's Technology Needs Assessment Outcomes



Photo Credit: UN CTCN/Miranda Rikki Tasker

Country	Objective	Title
Chile, Dom Rep, Uruguay, Costa Rica	Adaptation, Mitigation	Multi-country Circular Economy Finance for MSMEs
Uganda	Adaptation, Mitigation	Strengthening Waste Management Policymaking in Uganda in Response to Climate Change (Pro-bono K)



# Energy Systems

Country	Objective	Title
Burkina Faso	Adaptation, Mitigation	Reinforcing the implementation of actions to mitigate and adapt to climate change by developing solar energy systems for off-grid agro-industrial facilities through the establishment of a "Community Solar Platform" (EC CC&S)
Kenya	Mitigation	Development of a SF6 Phase-out Roadmap and Pilot Projects in Kenya (EC ICS)
Tanzania	Mitigation	Feasibility Study of Optimal Design Conditions for Biogas Plant for the Improvement of CH4 Capture Efficiency in Tanzania (Pro-bono K)
Timor-Leste	Mitigation	Formulating a National Electricity Grid Code and the Definition of a Net Metering Policy in Timor-Leste



Photo Credit: UN CTCN/Miranda Rikki Tasker

Country	Objective	Title
Tanzania	Mitigation	Developing a national framework for deploying and scaling up E-Mobility in Tanzania



Photo Credit: TRi Tanzania

- CTCN Technical Assistance (completed Jan 2025) supported the development of the National EV Policy Framework and key studies to establish the foundation for the e-mobility transition
- Since then, consultations with key stakeholders continued, a technical white paper was developed for each institution to commit to their responsibilities
- Stakeholders are now looking into implementing fiscal incentives, finalizing EV charging tariffs and regulations, expanding charging infrastructure planning, and strengthening skills & private sector partnerships



*Working Group Visit to the Dar es Salaam Institute for Technology (DIT) retrofitting workshop*

# Water-Energy-Food nexus

Country	Objective	Title
Bahamas	Adaptation & Mitigation	Developing a national framework for the standardization of stalls and procedures for a climate smart street side vendor in the Bahamas (AFCIA 1)
Cameroon	Adaptation	Local climate resilience through synecoculture, a high-yield agricultural technique in the northern region of Cameroon (mainly in the commune of Garoua 2 and in Figuil (Mayo-Louti)) (EC CC&S)
Central African Republic	Adaptation & Mitigation	Production of affordable solar cookers in the deforestation-threatened Bangui region of the Central African Republic (EC CC&S)
Chad	Adaptation	Rehabilitation of wells in the commune of Liwa, capital of LIWA (Lake region), using solar-powered pumps and drawing up a guide to good practice for the consumption of this water, depending on the end use (drinking water, agriculture, livestock, sanitary in Chad (EC CC&S)
Haiti	Adaptation	Technical Assistance to identify and prepare a system of payments for ecosystem services, in order to manage and protect their watersheds in Haiti (EC CC&S)
Jamaica	Adaptation	Enhancing multi-scalar mapping and research on food security risk due to the impacts of climate change on rural and urban environments in Jamaica
Malawi	Adaptation	Using simple mobile technologies to scale up digital collection & processing of climate observations for adaptation actions in Malawi (AFCIA 1)
Mali	Adaptation	Pilot project for the sustainable management of wood resources through the promotion of solar cookers and solar energy for the operation of electric cookers in a context of climate change (EC CC&S)



Photo Credit: UN CTCN/Miranda Rikki Tasker

# Water-Energy-Food nexus (cont.)

<b>Mozambique</b>	Adaptation, Mitigation	Implementation of Water-Food-Energy nexus using digital technologies for local communities in Mozambique (AFCIA 1)
<b>Nigeria</b>	Adaptation	Empowering communities of Kaduna State, located in the North-west Nigeria with sustainable agricultural practices (Em-Hydro) (EC CC&S)
<b>Sudan</b>	Adaptation, Mitigation	Improving the efficiency and sustainability of water harvesting technologies in Sudan by providing technical assistance in terms of enhancing; technology transfer, capacity building, and research collaboration under EC Climate Change & Security Programme (EC CC&S)
<b>Suriname</b>	Adaptation, Mitigation	Enhance the resilience of Suriname's water supply system by modelling drought risks and developing a roadmap of prioritized alternatives for aquifer recharge (AFCIA 1)
<b>Thailand</b>	Adaptation	Blockchain Technology for a real-time climate risk insurance system in Thailand's agricultural sector (AFCIA 1)
<b>Zambia</b>	Adaptation	Aquifer mapping technologies for Zambia (AFCIA 1)
<b>Zimbabwe</b>	Adaptation	Piloting of a reliable solar powered drying facility for mopane worms in the Gwanda rural District of Zimbabwe (EC CC&S)



Photo Credit: UN CTCN/Miranda Rikki Tasker

# WEF Case Study: Zimbabwe Solar Dryer

Started as a **small-scale TA using solar energy to dry mopane worms** (supported by the EU-financed Climate Change and Security Programme)

The project is now scaling up through AFCIA II and CTCN co-funding :

- The government has already funded a borehole to ensure hygiene measures in several facilities
- Letter of Intent received from FSB local bank
- The new TA aims to demonstrate bankable business model
- Should the TA succeed, private funding will be unlocked.
- The AF is currently a programme through which similar solar dryers for food processing are planned --> private funding could scale up the model at national level in locations identified by the AF designated authority



Country	Objective	Title
<b>Cote d'Ivoire</b>	Adaptation, Mitigation	Updating of Technology Needs Assessment (TNA) and Technology Action Plan (TAP) for the implementation of NDC in Cote d'Ivoire (GCF Readiness)

Since last year, CTCN is encouraging NDEs to focus submissions on implementation of TNA outcomes.

# Gender mainstreaming through the TAs

In Mali and CAR, the CTCN implemented a TA on solar cooking technologies.

In Mali, the TA increased access to affordable solar cookers, which reduced demand for wood and charcoal, protecting and restoring local ecosystems. The project benefited 625 households with direct beneficiaries being mostly women

In CAR, 150 women were introduced to affordable solar thermal cookers and heat retention baskets coupled with local production and distribution



# Youth engagement through the TAs

TA in the Central African Republic, the Implementing Partner connected with the youth network.

In another TA in Cameroon, Terre de Jeunes facilitated collaboration between the Central African Republic, Togo, Haiti and Ivory Coast as well as employing interns from Congo Brazzaville and Chad in the field.



Photo Credit: UN CTCN/Miranda Rikki Tasker

# Local Communities & Indigenous People 2025

## TAs emphasised local communities and Indigenous People as beneficiaries

Country	Technical Assistance
Cameroon	Local climate resilience through synecoculture, a high-yield agricultural technique in the northern region of Cameroon (mainly in the commune of Garoua 2 and in Figuil (Mayo-Louti)) (EC CC&S)
Zimbabwe	Piloting of a reliable solar powered drying facility for mopane worms in the Gwanda rural District of Zimbabwe (EC CC&S)
Nigeria	Empowering communities of Kaduna State, located in the North-west Nigeria with sustainable agricultural practices (Em-Hydro) (EC CC&S)
Colombia	Sustainable Cuerval: Strategies for conservation, restoration and monitoring of the mangrove areas of the Cuerval for adaptation and mitigation with a focus on the integration of peace in climate action in Colombia (EC CC&S)



Photo Credit: UN CTCN/Miranda Rikki Tasker

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# Capacity Building and Knowledge Sharing

## 17 sequential capacity building activities were implemented at both global and regional level

### 5 Global Thematic

Exclusive to NDEs (do not accept rep.) 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

### 3 Stakeholder Eng.

Exclusive to NDEs and their finance focals

#### Objectives

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

### 4 Collaborative RD&D

Exclusive to NDEs and Network members from private sector

#### Objectives

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

### 5 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

# Global thematic capacity building

## Climate Finance

### In-person

Asia (2-3 September)

Africa (23-25 July)

Latin America and Caribbean (21-22 May)

### Online

Webinar on Scaling Up Implementation of CTN TAs in Early Warning System for Flood and Drought Management



### Objectives

- Understanding the Financier's viewpoint via updates on the global movement for climate projects
- Learning climate narrative, theory of change, and stakeholder concepts and tools to design and develop scalable climate technology projects via participatory workshops



# Global thematic capacity building (cont'd)

Co-creation for System Transformation

In-person SIDS (3-5 Dec)



## Objectives

- Introduction to the co-creation concept, tools, and techniques
- Mapping a system-transformative network
- Knowledge on climate integrity and accountability, leading the creation of co-benefits that national and global climate actors seek
- Field visits to Blue carbon and marine conservation projects



# Global thematic capacity building (cont'd)

## Artificial Intelligence

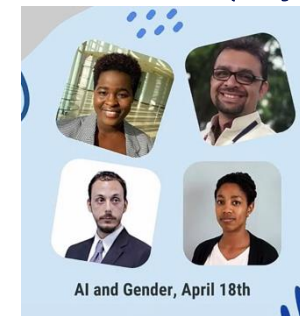
### Leveraging Artificial Intelligence to Advance the Renewable Energy Sector in Asia-Pacific (May 2025)



Partnered with UNEP ROAP - The EmPower: Women for Climate-Resilient Societies and Korean Network members



### Best Practices on Integrating Gender Equality and Social Inclusion in Energy and Climate Change Projects and Initiatives (May 2025)



Partnered with UNEP ROAP - The EmPower: Women for Climate-Resilient Societies



### Emerging Solutions from the Network – using Artificial Intelligence and digital platforms to solve climate change (July 2025)



#### Maximising Emerging Trends in Locally-Led AI Solutions for Climate Action

10 Jul 2025 - 12:00 PM

In May 2025, the CTCN hosted a webinar showcasing locally-led AI and digital solutions developed by its Network members to address climate change. The session not only highlighted the growing diversity of grassroots innovation but also invited deeper reflection on how the CTCN, together with its Network and National Designated Entities (NDEs), can more intentionally and inclusively harness these technologies.

This brief builds on insights from the session, identifying key emerging themes, showcasing project examples, including those presented in the webinar, and offering reflections on how to better support locally-led, inclusive AI solutions aligned with the CTCN's mission.

#### News facts

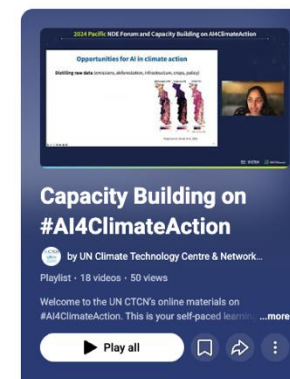
Source organisation

Climate Technology Centre and Network

#### Grounding AI Solutions in Strategic Priorities and Research

Emerging locally-led Artificial Intelligence (AI) solutions hold transformative potential for taking action to address climate change, offering tools for real-time data monitoring and sharing, resilient infrastructure planning, optimized climate finance allocation and supporting nature-based solutions. Their strategic importance is increasingly recognized across key UN frameworks and CTCN's strategic priorities, in its Programme of Work 2023-2027 and UNFCCC Technology Mechanism's #AI4ClimateAction Initiatives.

### Self-paced online learning material on AI (Sep 2025)



Session 1. Opportunities, challenges and  
UN Climate Technology Centre & Network (CTCN) • 22



Session 1. Supporting AI-powered solutions  
UN Climate Technology Centre & Network (CTCN) • 8



Session 2. From past to present, and future  
UN Climate Technology Centre & Network (CTCN) • 2



Session 2. AI for the Environment and Climate  
UN Climate Technology Centre & Network (CTCN) • 6



## Green Climate Fund

A total number of supported NDEs  
grew from 5 to 15 countries

### 2025 Structured Dialogues

- March 17-20, the Caribbean, St. Kitts and Nevis, focused on sharing TA portfolios to GCF stakeholders
- May 6-9, the Pacific, Cook Islands, focused on consultations with countries



## Adaptation Fund

Active engaged on the Fund's Spotlights as both speakers  
and audience

### 8th international Adaptation Futures Conference (October 13-16, New Zealand)

- The lessons learnt and takeaways from AFCIA were jointly presented by CTCN and UNDP during a session called "Scaling Innovation and Technology Transfer for Climate Adaptation: Insights from the Adaptation Fund Climate Innovation Accelerator (AFCIA) Partnership"
- A session with the students of Students at the University of Canterbury was organized to talk about adaptation, resilience and the United Nations.

- **Building Tomorrow: Policy & Data-Driven Solutions For Financing Climate Technologies in Buildings at SB 62 (18 June 2025)**
- **Technology Mechanism for Impact: Bridging Policy, Innovation, and Action for Climate Solutions in LDCs and SIDS**
- **Technology Mechanism AI for Climate Action Award**
- **Masterclass on AI for Energy Systems**
- **Matchmaking event between the private sector and NDEs**
- **4<sup>th</sup> Edition of WIPO: Confronting climate disasters with innovation and technology**
- **Technology Day on Transformative Industry 2025**
- **Thematic Hub Investing in Impact: Women Entrepreneurs Driving Climate Innovation in the Global South, with focus on AFCIA I**
- **High-Level Dialogue: EU–UN Cooperation for Climate Security: Climate Change, Peace and Security**
- **Gender Just Climate Solutions Award Ceremony (17 November 2025)**

# Collaborative RD&D: Learning Visit

## Learning Visit on Green Hydrogen Production and Fuel Cell

**22-24 July 2025**

**5 Researchers and government officers from Belize, Gambia, Maldives, Panama and Zimbabwe**

### **Support by CTCN Network Members:**

Korea Institute of Science and Technology (KIST),  
Korea Research Institute of Chemical Technology (KRICT), National Institute of Green Technology (NIGT)  
East West Power Co. Ltd (EWP)



# Collaborative RD&D: CRD2B2 Workshop and TM CRD&D Session on Energy Storage

## CRD2B2 Workshop on Energy Storage

27 – 29 August 2025, Busan, Korea

6 NDEs from Gambia, Malaysia, Panama, Tajikistan, Timor-Leste, Zimbabwe

**Activities:** Voluntary technology talks with companies and organizations  
Bilateral meetings with CTCN Network Members



## UNFCCC TM cRD&D Session on Accelerating the Deployment of Energy Storage

29 August 2025 during CRD2B2 Workshop, Busan, Korea

6 NDEs from Gambia, Malaysia, Panama, Tajikistan, Timor-Leste, Zimbabwe

**Activities:** Presentations by UNFCCC and CTCN Network Member on PNG CTCN TA  
Panel discussion NDEs from Gambia and Panama



# Youth Climate Innovation Programme: Nov 2024- Apr 2026

## Idea Labs (November – December 2024):

- 7-day hackathon to rapidly generate and validate ideas
- +3,000 applications
- 339 participants from 62 countries selected

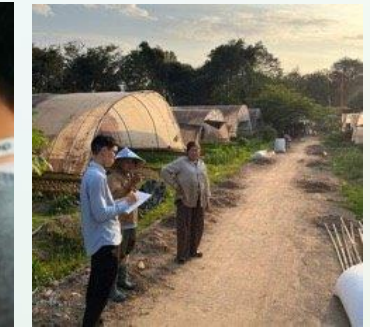
## Incubator (April – July 2025):

- 32 promising teams (46% female participants) selected
- Training on entrepreneurial methodology, expert mentorship (+380 hours) and networking events

## Accelerator (September – December 2025):

- 4 finalist startups selected
- Engagement of technical advisors, networking and grant support
- ChangeNOW Summit participation in March-April 2026

**Impact:** +11 companies created that have received close to 200,000 USD of funding, already served more than 400 pilot beneficiaries and hired more than 20 new employees.

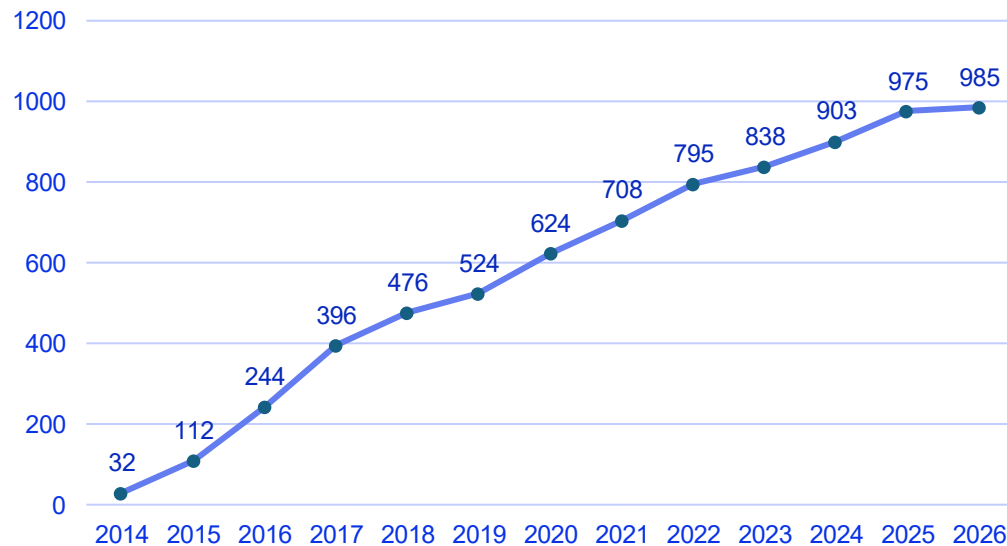


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## Network engagement

The Network has grown to have **985** members across the world

- 45.7% from Annex I / 54.3% from Non-Annex I
  - 44.3% WEOG, 32.1% Asia-Pacific, 11.9% Africa, 10.1% LAC, 1.7% Eastern Europe



Over half of the members are from the private sector, followed by research and academic institutions and NGOs.

Type of Organization	Counts	%
<b>Private sector organization</b>	534	54.2%
<b>Research and academic institution</b>	154	15.6%
<b>Non-governmental organization</b>	110	11.2%
<b>Not for profit organization</b>	79	8.0%
<b>Public sector organization</b>	49	5.0%
<b>Intergovernmental organization</b>	20	2.0%
<b>Other</b>	12	1.2%
<b>Partnership</b>	9	0.9%
<b>Initiative</b>	5	0.5%
<b>Financial institution</b>	5	0.5%
<b>Specialized agency</b>	3	0.3%
<b>Government/Ministry</b>	2	0.2%
<b>Local government</b>	1	0.1%
<b>Regional organization</b>	1	0.1%
<b>Total</b>	985	100.0%

## Bidding for Technical Assistance Projects

### Participate in bids to implement projects in developing countries

Members can participate in bidding process to implement CTCN technical assistance projects in developing countries

Network Members can view [Technical Assistance opportunities](#) open for Network Members' bidding on our website. They are all also posted on the UNGM Portal and shared via email once posted.

## Virtual Events and Matchmaking Opportunities

### Thematic Webinars

Members can participate in or co-host thematic webinars to showcase expertise, exchange knowledge, and connect with a global audience of practitioners and stakeholders.

### Network Fairs at Regional NDE Forum

Members can join in person to engage directly with National Designated Entities (NDEs), present their services, and explore collaboration opportunities in a focused regional setting.

### Other engagements

Additional opportunities, including Voluntary Technology Talk, Co-creating Climate Solutions and potential events held alongside major international gatherings such as UNFCCC COP.

## Knowledge Sharing and Capacity Building Activities

### Publications and Knowledge Products

Members can collaborate with CTCN on joint publications and knowledge products that highlight practical experience, lessons learned, and innovative approaches.

### Showcasing Solutions

Members can present their technologies and tools on the CTCN website to increase visibility and connect with potential partners.

### Capacity Building Programme

Members can contribute as speakers or facilitators in regional capacity-building programmes, sharing expertise and supporting institutional and technical strengthening.

# Network - NDE Engagement

2025 activities

SIDS and LDCs targeted

## Network-led capacity building activities

### Online Training (May-Sep)

**Understanding Digitalization and Climate Finance: Legal and Regulatory Perspectives from the EU**

**Key Objectives:**

- Understand digitalization and its impact on climate finance
- Explore the role of digitalization in climate finance
- Identify the legal and regulatory challenges of digitalization in climate finance
- Discuss the role of digitalization in climate finance

**Webinar Alert:** April 2, 2025 10:00 AM (AEDT)

**AFCA II Co-Design Workshop for Pacific**

**ADAPTATION FUND CLIMATE INNOVATION SCHEMES (AFCA II) LAUNCH WEBINAR**

Under AFCA II, \$10 million is available to support climate change adaptation, Flinders University and UN CTCN are hosting a webinar to develop a multi-country project proposal for the Pacific. Join us!

April 2, 2025 10:00 AM (AEDT)

For more information, click here  
To join the call, click here

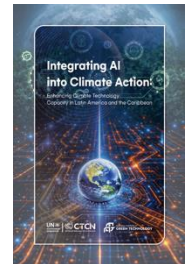
**Integrating AI into Climate Action**

AI is a powerful tool for climate action, but it also has its own carbon footprint. This webinar will explore the opportunities and challenges of using AI for climate action, and how we can make it more sustainable.

For more information, click here  
To join the call, click here

## Climate Technology Matchmaking

- Last week of August
- Roundtable discussion
- Matching NDC-Tech



## Network-led publications

- AI cases in LAC
- Promotion of Network Solutions (Green Hydrogen)
- Green Technology Book – Solutions for confronting climate disasters 2025

## Voluntary Technology Talk

Incheon International Environmental Technology Confex 2025, ROK (October 15-16)



## Webinars with Network

- Becoming Climate Innovators (22 May)
- Scaling Up Implementation of CTCN TAs in Early Warning System for Flood and Drought Management (3 June)
- Introduction of Collaborative Research, Development and Demonstration (28 October)



Cambodia served as a pilot country

In addition, 6 applications were received from Cambodia, Chile, Kenya, Lesotho, Somalia, and Sudan.

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# Engagement with Partners & Resource Mobilization

# Engagement with Partners and Resource Mobilization

The full-scale project by the KCB Bank on supporting SMEs in Kenya to adopt environmentally sound technologies was submitted to the GCF in 2025 (recently approved at GCF Board meeting in March 2026)

A CN co-written with CIMMYT is being submitted to NNF on a two-year programme on crop diversification within agricultural mitigation.

CTCN continues substantive discussions with AIIB regarding a green hydrogen TA implemented in Thailand in 2024, and discussions with other MDBs such as NDB, and ADB.

Conversations around matchmaking are taking place with Sweden's Business Sweden, Denmark's State of Green and Canada's Trade Commission.



Climate match-  
making through  
technology

5

# Communication & Outreach

# Communication activities

**11** events – speaking engagements at Adaptation Futures, COP and online webinars

**42** news articles, stories, press releases and blogs published (including article in SDG Action, stories on UNEP Climate Action website)

**12** newsletters sent to over 13 300 subscribers

**1 341** mentions of CTCN in the media (traditional and online)



## News facts

### Objective

Adaptation  
Mitigation

### Source organisation

Climate Technology Centre and Network

### Sectors

Cross-sectoral

### Cross-sectoral enabler

Communication and awareness  
Governance and planning  
Innovation & RDD

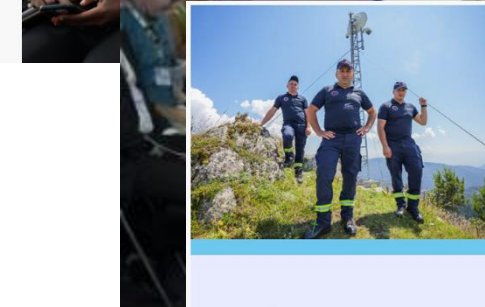
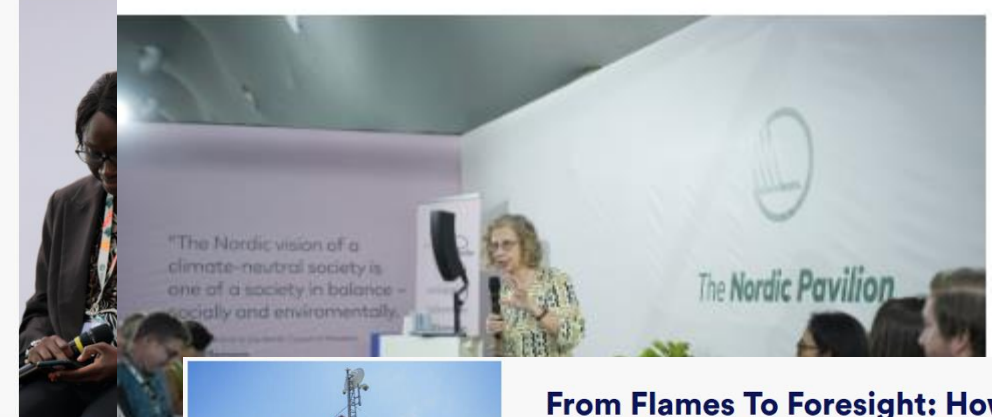
## Technology Mechanism showcases climate solutions for SIDS and LDCs at COP30

10 Nov 2025 – 12:00 PM

From Senegal's

Belém, Brazil, the Climate Technology Mechanism convened an intergovernmental meeting on low-emission, climate-resilient development

## EU-UN cooperation for climate security: Advancing peace and resilience through locally led climate technologies



The EU... both p... stress... the-gr... wome

## News facts

### Objective

Adaptation

### Source organisation

Climate Technology Centre and Network

### Sectors

Early warning and Environmental assessment  
Forestry  
Human health

### Approach

Community based

## From Flames To Foresight: How Early Warning Technology Is Protecting Georgia's Forests

03 Mar 2026 – 12:00 PM



Firefighters at the Borjomi-Kharagauli fire station - Photo credit: UN CTCN-Miranda Rikki Tasker

# Storytelling

**3** web stories & **3** videos for AFCIA I  
**5** web stories & **5** videos for Climate Change  
& Security Programme  
**Hundreds** of hi-res project photos, freely  
available on MediaValet



## Voices from the Ground - Communities adapting to climate change

27 Feb 2026 - 12:00 PM

An overview of AFCIA I projects implemented by UN CTN and UND  
around the world, supported by the Adaptation Fund.



## Nigeria Hydroponics

Download All



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**2** Impact Reports

**2** Roadmaps

**3** Technical Fact Sheets





## UNFCCC publications

- [Gender Just Climate Solutions 2025, 10<sup>th</sup> edition](#)
- [AI for Climate Action in Developing Countries: Opportunities, Challenges and Risks](#)
- [Climate Technology Progress Report 2025](#)



## Network-led publications

- [Integrating AI into Climate Action: Enhancing Climate Technology Capacity in Asia-Pacific Countries](#)
- [WIPO 4<sup>th</sup> edition of Green Technology Book: Solutions for confronting climate disasters](#)

# Social media engagement

444 social media posts published

15 604 followers reached

325k people reached through social media



From sustainable mobility to digital climate risk tools, this regional dialogue is shaping the future of climate innovation across Latin America and the Caribbean.

The event is attended by several leaders, including the Minister of Environment of Panama and the Regional Director of the [UN Environment Programme](#).

Juan Carlos Navarro, Minister of Environment of Panama, emphasized: "We recognize the value of establishing technological mechanisms that allow us to accelerate the implementation of climate solutions adapted to our local realities."

Learn more: <https://lnkd.in/d72yGMrG>

UN Climate Change, Dr Stephen Minas, Christian Lohberger, Ariesta Ningrum, Jeawon Kim, PhD, Isabel Hagbrink, Maia Tskhvaradze, Ambrosio Y., Valeria Peláez Cardona.



Key takeaways from the Forum are:

- ✓ Local innovation matters: Ground AI solutions in community needs and regional contexts
- ✓ Close the data gap: Strengthen access to quality, open, and inclusive climate data
- ✓ Enable through policy and finance: Supportive frameworks and funding are essential to scale impact
- ✓ Collaborate for change: Partnerships across sectors will accelerate positive AI adoption

Learn more about CTCN's work on [#AI4ClimateAction](#): <https://lnkd.in/deKwWPye>

[#ClimateTech](#)



The NIGT Network Engagement session showcased cutting-edge digital solutions in action. DI Labs presented its AI-powered environmental monitoring platforms, while the Integrated Watershed Management Institute shared digital tools for watershed management. Envelops highlighted the use of AI to optimize solar-powered agriculture, and ATE Tech introduced AI-driven robots for waste sorting.

Beyond tech, this was about collaboration — connecting NDEs, Network members, and partners to turn ideas into scalable, actionable solutions for climate resilience.

Huge thanks to all NDEs, Network members, [The World Bank](#), NIGT, [Ministry of Science and ICT](#), speakers & experts who made this possible.

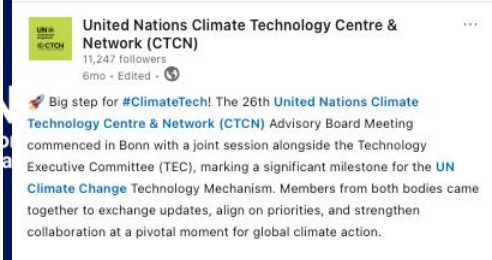
[#ClimateTech](#)



"It is very encouraging that other countries are benchmarking against Korea's experience... through this forum, we can further strengthen international cooperation for the global expansion of climate technology," said Taek Ryeol Jeong, Director General, Future Energy and Public R&D Policy, MSIT.

The Forum is just beginning — but the momentum is clear as the region is set to lead in building climate resilience through innovation and cooperation. Learn more: [https://lnkd.in/dc\\_Dsqtu](https://lnkd.in/dc_Dsqtu)

[#ClimateTech](#)



Key discussions included reflections on the outcomes of SB62, inputs to the ninth replenishment of the [Global Environment Facility](#), and progress on the Technology Mechanism Initiative on [#AI4ClimateAction](#) (2024–2027). The Advisory Board and TEC also advanced joint work on the AI Climate Application Hub and the AI for Climate Action Award, agreed on the joint chapter of the 2025 Joint Annual Report, and held in-depth discussions on engagement with national designated entities within NDE Fora and with wider stakeholders on the road to [COP30 Brazil](#).

Follow the discussions live: <https://lnkd.in/dK265Nka>



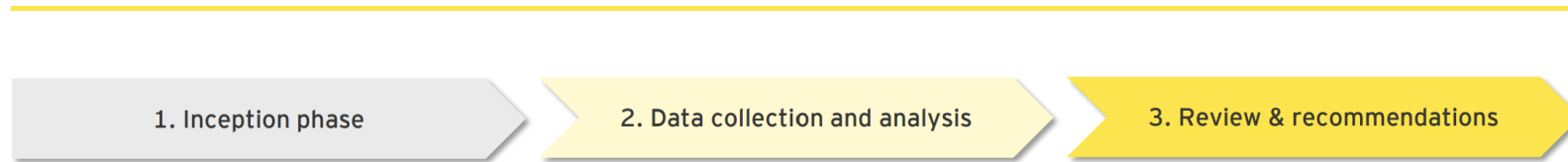
6

**Other activities**

## Independent review conducted by EY

### Methodology

*Methodology and workplan*



Started in November 2025 - Initial findings to be presented at AB27 – Final report to be developed by September

NDE Biannual survey, prepared in collaboration with TEC, was launched in March 2026 and open until 30 July. Analysis will be presented at AB28.

## Operational update:

- P5 Head of PALO is onboard, P4 LAC Regional manager is on board
- M&E dashboard to help with data collection and analysis is being procured
- The CTCN Secretariat has an intern from April to September 2026



UNFCCC\_CTCN



UNFCCC.CTCN



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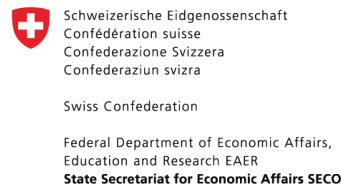
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