

2025 SIDS NDE Joint Programme

Status of CTCN Activities and Outlook
in 2026

PRESENTER

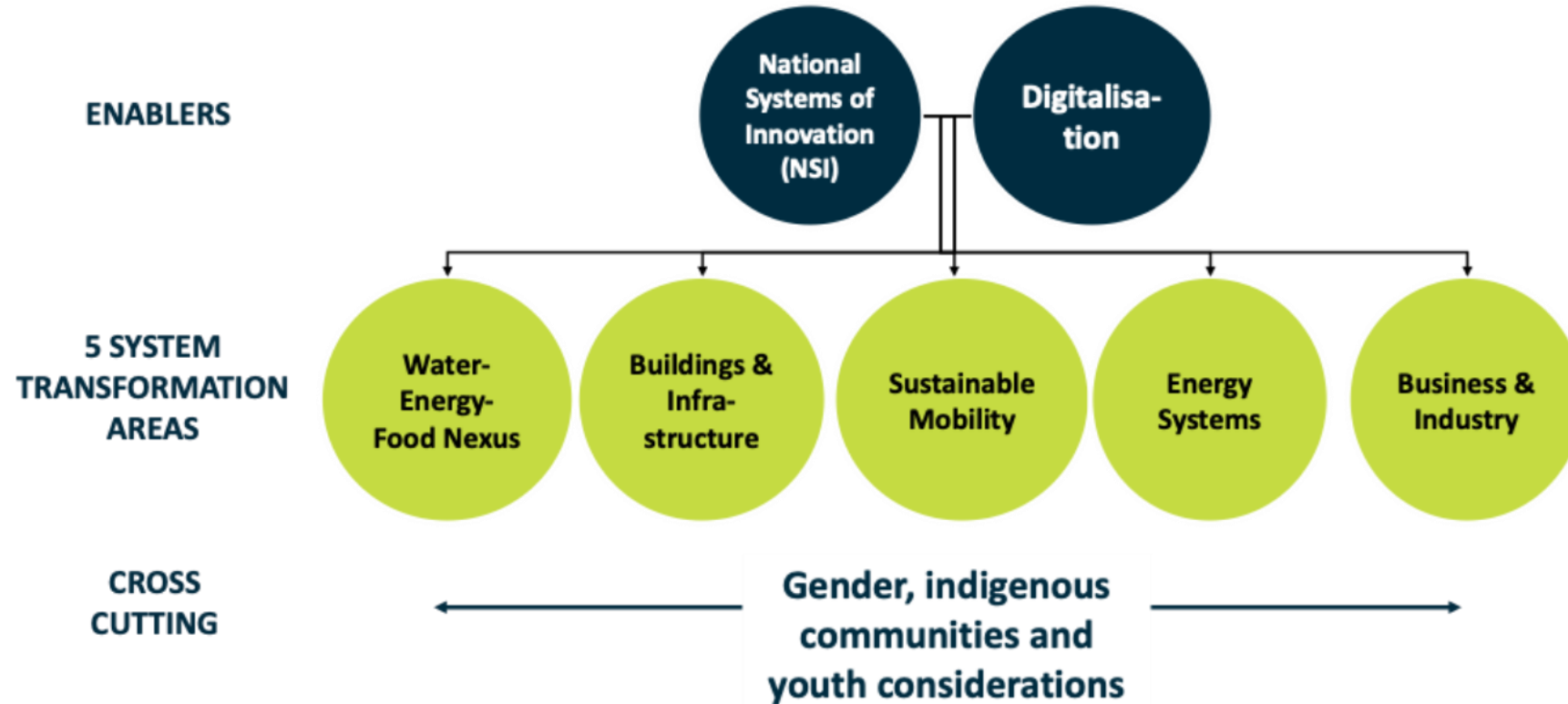
CTCN Secretariat



1

Programme of Work

3rd CTCN Programme of Work



2

Technical Assistance

CTCN Recent TA portfolio in SIDS

4 TA Requests
in concept
developments
stage

4 Technical
Assistances for
7 different
countries under
Design

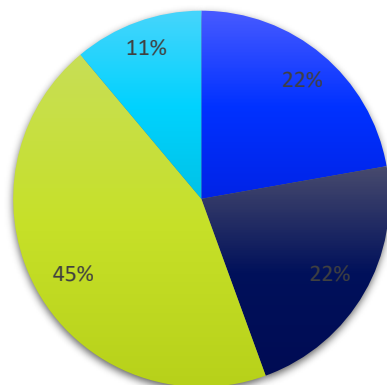
6 TAs under
implementation

4 TAs under
completion



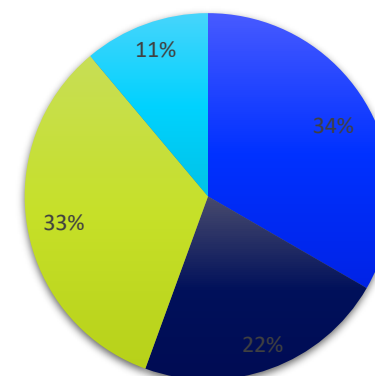
Technical Assistance in SIDS by Systems Transformation Area

SIDS TA portfolio by areas of systems transformation (2024)

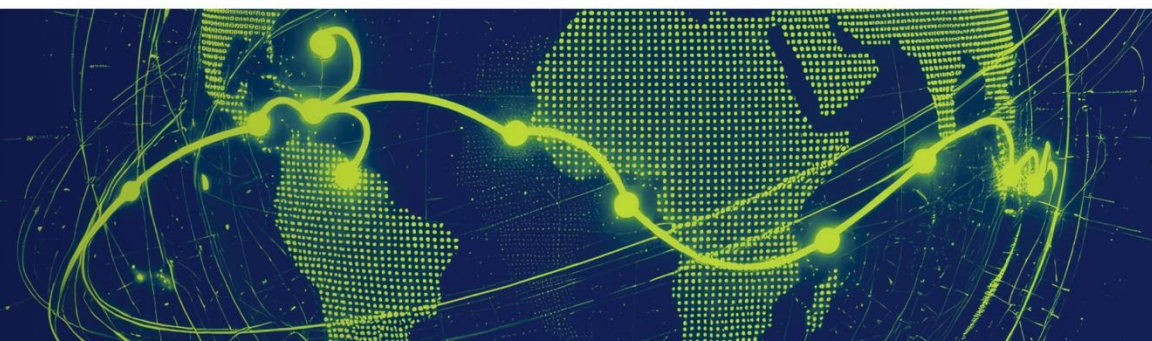


- Business and Industry
- Buildings and Infrastructure
- Water Energy Food Nexus
- Sustainable mobility

SIDS TA portfolio by areas of systems transformation (2025)



- Buildings and Infrastructure
- Water Energy Food Nexus
- Energy systems
- Business and Industry



Types of Technical Assistance

Decision making tools, Piloting, small-scale demonstration

GIS-based monitoring and control system for water loss reduction: Saint Kitts and Nevis

Skimming well gallery system for agricultural use: Maldives

Organic waste management, targeting women and young people, using inflatable tanks: Haiti

Recommendations for law, policy, and regulations

National Electricity Grid Code and Net Metering Policy: Timor-Leste
Green Building Codes: Pakistan

(pre) Feasibility studies

Ocean Energy focusing on Salinity Gradient Energy Technology and Electrochemical Ocean Thermal Energy Conversion: Papua New Guinea

Green hydrogen potential for sustainable energy transition: Maldives

Technical capacity enhancement

Climate-resilient agriculture through the revision of national policies and the improvement of data management systems - Fiji

Sectoral roadmaps and strategies

Development of a Green Building Roadmap: Vanuatu

Developing a regional roadmap for an open-source knowledge-sharing and capacity-building platform: Pacific island countries (Fiji, Timor-Leste, Nauru, PNG, Vanuatu)

Modelling drought risks and developing a roadmap of prioritized alternatives for aquifer recharge: Suriname

CRD&D

Ocean Energy focusing on Salinity Gradient Energy Technology and Electrochemical Ocean Thermal Energy Conversion: Papua New Guinea



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**Scaling-up
Technical Assistances**

Scaling up Technical Assistances

Adaptation Fund concept notes and FPs

CTCN is formulating a Concept Note to the Adaptation Fund on Climate-Resilient Water Management and Sustainable Agriculture for Enhanced Food Security in the Maldives. – A follow up from AFCIA I TA



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Capacity Building

CTCN's service process: CB-TA-KS

Capacity Building Programmes

Input to TA ideation at global/regional levels

- 1) Analyze developing countries' climate portfolio, global climate governance, and financing opportunities to design capacity-building program agenda.
- 2) CTCN invites relevant stakeholders to the action-tailored programs.
- 3) CTCN facilitates the co-ideation of bankable TA projects between NDE/representatives of NDEs, Network members, and financing entities/their focals.

Technical Assistance

Implementation at national levels

- 4) Interested parties in developing countries contact their national focal point (NDE) to request technical assistance, then step through 5 sequential processes for delivery of TA service.

Post-impact generation

Output to impact at global/regional levels

- 5) The CTCN regularly reaches out to the NDEs, project implementers and project proponents to follow up to collect the lessons learned and impacts achieved in countries.



Capacity Building Green Hydrogen (2023)

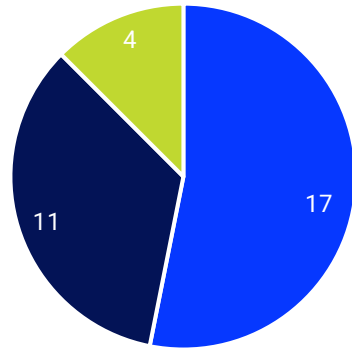
The capacity building workshop on Green Hydrogen (2023) has led to several requests and implementations of technical assistances.

- Feasibility study on green hydrogen potential in **Maldives** and development of a national roadmap for sustainable energy transition (2024)
- Feasibility study of a combined heat and power supply using green hydrogen in **Mongolia** (2024)
- Development of national hydrogen strategy and action plan for accelerating **Thailand's** net-zero target (2024)
- Development of National Green Hydrogen Roadmap for accelerating Carbon Neutrality in **Cambodia** (2025)
- Assessment of Green Hydrogen Potential and Development of a National Strategy in **Guinea** (2025)



Capacity Building AI for Climate Action (2024)

Last year's capacity building workshop on AI for Climate Action has led to the development of 32 AI-led technical assistance ideas globally.



- Asia & Pacific: 17 new ideas
- Africa: 11 new ideas
- LAC: 4 new ideas

Examples include

- AI-based early warning systems
- AI-powered applications to monitor crop diseases (Cote d'Ivoire)
- Simple mobile technologies to collection climate observation data
- IoT-based rainwater harvesting technologies (Burundi)



Capacity Building Climate Finance (2025) in Asia, Africa, LAC

- Objective 1 Enhance understanding of climate finance architecture and key actors, including international, regional, and private sector financing entities
- Objective 2 Strengthen NDEs' ability to link climate technologies with financing mechanisms, using real-world case studies and interactive project design exercises.
- Objective 3 Build capacity to evaluate and improve technical assistance (TA) requests, with a focus on stakeholder engagement, financial scale-up, and social return on investment



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Communication

Communication Activities

47 news articles, stories, and blogs published

3 video stories developed

13 newsletters released, reaching almost 13k subscribers

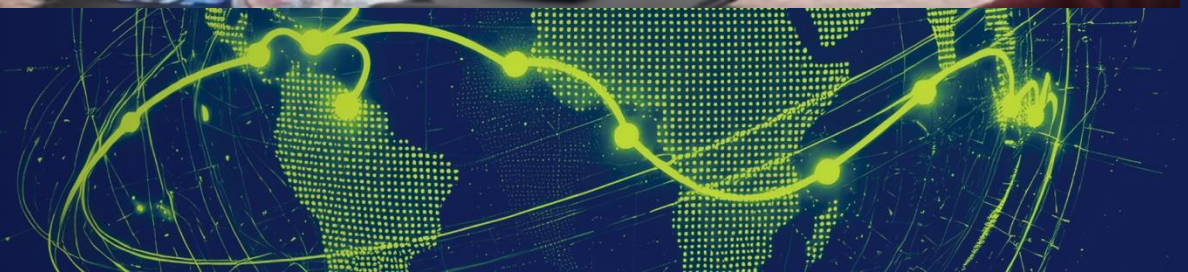
840 mentions of CTCN in the media (traditional and online)



Support the Communication Activities

Engage with CTCN communication on media platforms (LinkedIn, Facebook, Instagram etc.).

Allocation of budget for national media engagement during the implementation of technical assistances.



Publications



New publications

- [Technical Assistance Project Fact Sheets and Dashboard](#)
- [Impact report: Climate Change and Security](#)

UNFCCC publications

- [Gender Just Climate Solutions 2025, 10th 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 4th edition of Green Technology Book: Solutions for confronting climate disasters](#)

And more...



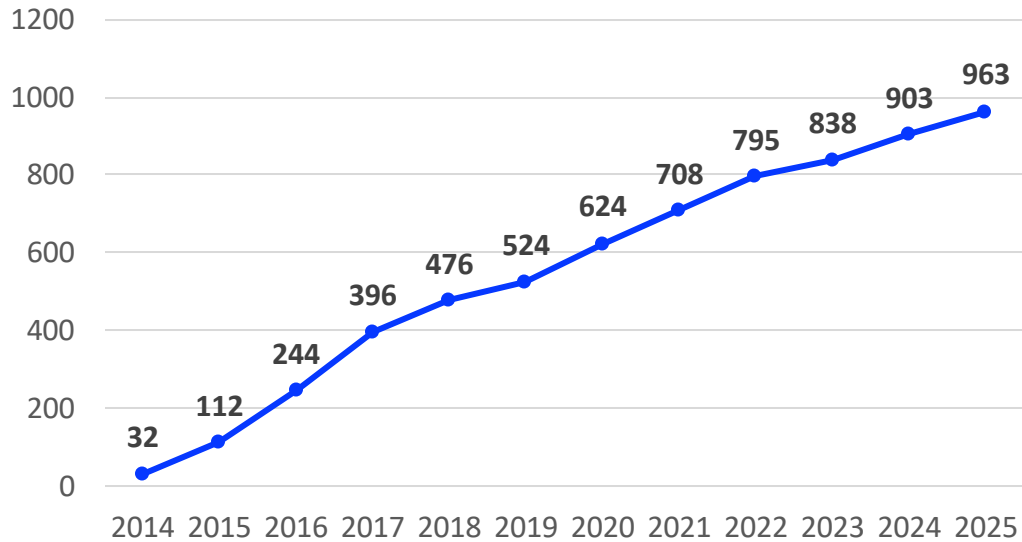
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Networking and Collaboration

Network Overview

The Network has grown to have **963** members across the world:

- 46% from Annex I / 54% from Non-Annex I
- 44.5% WEOG, 32% Asia-Pacific, 11.7% Africa, 10% LAC, 1.7% Eastern Europe



Type of Organization	Counts	%
Private sector organization	520	54.0%
Research and academic institution	153	15.9%
Non-governmental organization	109	11.3%
Not for profit organization	76	7.9%
Public sector organization	48	5.0%
Intergovernmental organization	20	2.1%
Other	12	1.2%
Partnership	9	0.9%
Initiative	5	0.5%
Financial institution	5	0.5%
Specialized agency	3	0.3%
Government/Ministry	1	0.1%
Local government	1	0.1%
Regional organization	1	0.1%
Total	963	100%



Participation in past Conferences

Adaptation Futures in Christchurch, New Zealand

13 - 16 October 2025

- Closing AFCIA I
- Launch of the impact report
- Virtual and physical photo exhibition

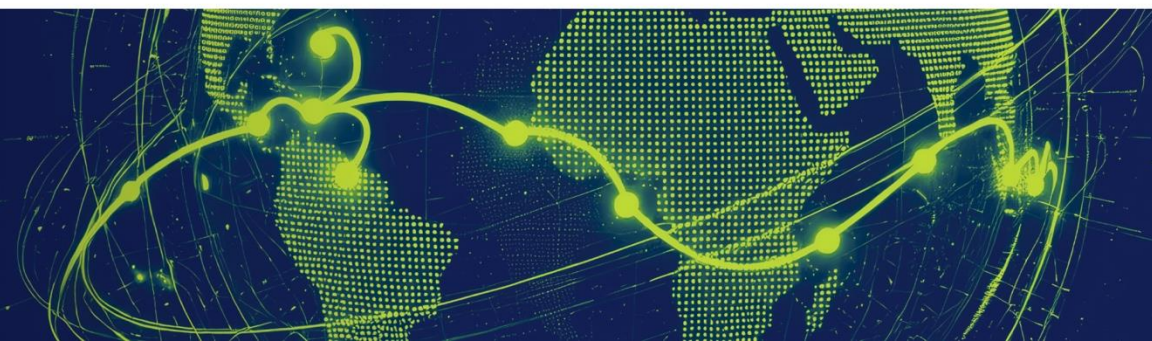


COP30 in Belém, Brazil

10 – 21 November 2025

- Significant decisions were made on TIP and CTC review of the functions
- Traditional impact event of Technology Mechanism
- Collaboration with the WIPO on 4th edition of the Green Technology Book

COP30
BRASIL
AMAZÔNIA
BELÉM 2025



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CTCN Operations and COP30

CTCN Staff Enhancements

CTCN Secretariat

1. Regional Manager for Africa started in March 2025
2. CTCN PALO Head will join on Dec 8th, 2025
3. LAC Manager under recruitment
4. Dedicated function for governance-related matters
5. M&E specialist in the recruitment pipeline



CTCN Team retreat: 10-11 April 2025



COP30 decisions – Changes to come

1. The lifetime of CTC is extended until 2041: initial agreement of 5 years with two times renewal of 5 years, essentially providing stability for its host
2. New functions expanded on the existing ones to include:
 - Supporting development of enabling environments and piloting
 - Providing technical and logistical support to technology national focal points
 - Utilizing multi-country and programmatic approaches
 - Supporting the development of project proposals, and
 - Facilitating network to provide matchmaking to secure funding for implementing technology needs of developing countries
3. Belem Technology Implementation Programme (technology deployment): A series of activities to be undertaken by TEC and CTCN starting in 2027, including in-session global dialogue, regional dialogues, programmatic capacity building and high-level ministerial dialogue on technology at GST 2 (2028)



Outlook for 2026

Upcoming important dates

- April TEC and 27th CTCN AB Meeting in GCF Board Room, Songdo, Incheon , Republic of Korea (14 - 16 TEC Meeting, 17 April Joint Session of TEC and CTCN AB, 20-22 April : CTCN AB Meeting)

Call for partnership – 2026 SIDS

Status of Regional NDE Forum 2026

- Africa, March 21-24, Tunisia
- LAC, May 19-21, Belize
- Asia, TBC, Thailand
- Eastern Europe, Sep, TBC
- **SIDS, TBC, TBC (GCF, WB, COP31 Presidency)**

