

Global capacity building programmes

27th Advisory Board Meeting
CTCN Secretariat
Agenda item 17.2
20 April 2026



Capacity Building (CB)

Input to TA ideation at global/regional levels

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

Technical Assistance

Implementation at national levels

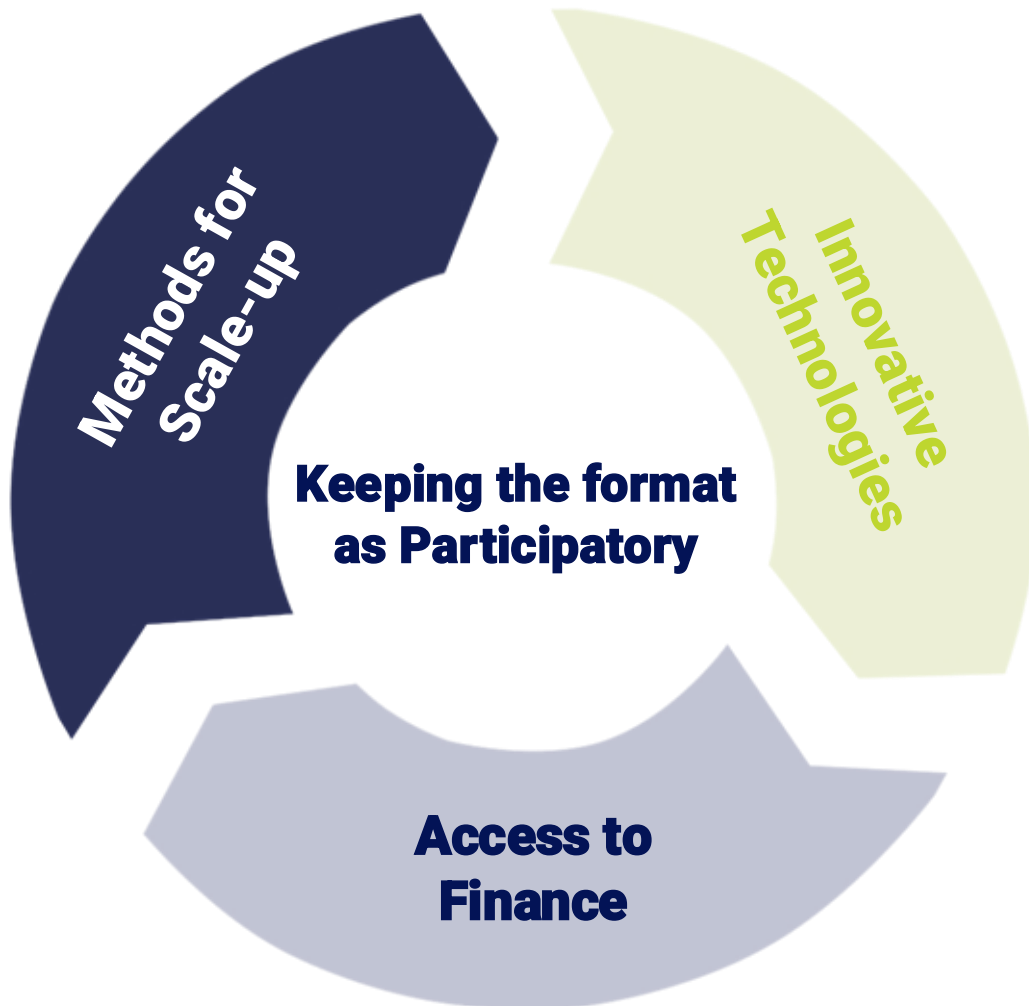
- 4) Interested parties in developing countries contact their NDE to request technical assistance, then step through 5 sequential processes for delivery of TA service.

Knowledge Sharing (KS)

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. Collected insights are disseminated via global webinars and various communication platforms (e.g., Newsletter, social media).

Process evaluation: Entering the 4th year of the 3rd PoW – CB



Agenda Setting – Tailored to NDEs' Capacity

- Level of technology knowledge
- Participation in CTCN services
- Strength of existing national networks to mobilise

Core Modules and Activities

- Global Thematic Capacity Building
- Stakeholder Engagement
- Int' cRD&D
- Network engagement

Grounded theory: Strategic model for NDEs

- **Years 1-3:** Knowledge training on thematic climate technologies
- **Year 4:** Training on finance modalities, models, and process
- **Year 5:** Training on methodologies and tools to enable smooth coordination



Updates

**Since AB26
2026 Activities**

Inputs to planning: 2025 key observations and takeaways

Thematic Capacity Building, NDEs called for:

- Regional/sub-regional CB programmes
- Online training activities (with Certificates)
- Support in the co-creation and innovative technology selection processes

Stakeholder Engagement:

- NDE-NDA coordination may be most effective when national-level intervention is supported before engaging them for the regional/global activities (e.g., GCF - DAE CB fora, Liaison officer onboarding meetings)
- NDEs seek peer-to-peer learning opportunities to learn best practices
- Consider global NDE-NDA meetings for countries in most need and unserved



Global thematic capacity building

Region-tailored, Facilitating multi-regional TA ideation

System Transformation

COP decisions #AI4ClimateAction BTIP (Tech selection) NDC analysis TNA TAP Internal consultation AOP TA teams

Region-specific themes

- Africa (March 26): National Systems of Innovation for Climate Resilience and Access
- LAC (May 21-22): Cross-Sector System Transformation at the Water-Energy-Food Nexus
- Asia (July 9): Integrating Energy Technologies for System transformation
- SIDS in the Pacific (Aug/Sep, TBC): System Transformation for Adaptive Management through AI
- Eastern Europe (TBC): System Coordination for Energy Transition and Grid Modernization

Key details

Purpose: Knowledge enhancement for TA ideation

Format: Back-to-back with Fora and other activities

Continuity: Online courses on 2025 themes (SROI, CBE)



Stakeholder engagement

Broaden the scope of collaboration with financial mechanisms/entities



AFCIA

- Austria (UNIDO office), Feb 16-17th: 1st Coordination Meeting
- Webinar, March 19th: NIE and RIEs
- Virtual, Sep 2026: 2nd PSC meeting

NDE-NDA coordination meeting

- Asia, July 10, Pattaya, Thailand

GCF's 2026 events

- East and South Asia, 27 - 30 April, Sri Lanka
- Pacific SIDS, last week of April, TBC
- Global Programming Conference, Q4

Collaborative RD&D & Network Engagement:

Necessity to champion Network members for their direct connection with countries;

- 1) Call for collaboration on in-person (i.e. learning visits) and/or online courses
- 2) Call for proposals on co-publications
- 3) Rewarding system for active Network members (e.g. Letter of support/partnership for co-resource mobilization)
- 4) Membership email validation system for non-active Network members



Webinar/Events

An introduction to the CRD&D concept, strategy, and status

- Conference Session in August 2025 - on Energy Storage Systems as UNFCCC TM
- Global webinars in December 2025- two time zones (to rewatch, follow QR)



Learning Visits

NDEs nominate national experts for learning visits, focuses on technology exploration between South-South, North-South

- Green Hydrogen and fuel cell (in Seoul and Daejun, July 15-17 2026, KIST, KIER, KRICT (Chemical Research Institute) and NIGT
- ESS (in Jeju, Sep 1-4 2026, KIER, UNITAR CIFAL Jeju)

- Reflection on cRD&D facilitation activities 2023-2025
- Reflection on cRD&D TAs (2026, Q4)



Publications

Climate Technology Matchmaking Network Fair



March 25 | Africa, In-person

Upcoming

- May 20 | LAC, In-person
- July 7 | Asia, In-person

Voluntary Technology Talk for SIDS World Climate Expo, Busan, ROK September 17-18 | In-person

Network-led capacity building activities

Online course on Climate Finance and Co-create-Build-Engage Framework

May-June | Certificate of completion

Network-led publications

- 1) Promotion of Network Solutions (Green Hydrogen)
- 2) AI cases in LAC
- 3) Report on 2025 Global SIDS Capacity Building Programme on Co-creation for System Transformation



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Delivered by UNESCAP-APCTT

**“From Ideas to Impact: Youth-led AI Innovation for Climate Action and SDGs”
February 27 | 13:00–14:00 (GMT+7)**

AI session during the Climate Week

“Delivering AI for Climate Action in LDCs and SIDS” April 23 | Hybrid

Co-host with UNDRR, UNOPS, UNITAR

**Online workshop on Strengthening All-of-Society Capacities for Disaster Risk and Climate Resilience: Inclusive Governance and Innovative Mechanisms
May 12-14 | Certificate of completion**

Co-host with GGGI, Google, and Standard Chartered

**“AI and Energy: Efficiency and Supply Chain”
September, TBC | In-person**

Tentative timeline and concept note

Modules	Item number in AOP26 (Allocated budget)	Activities planned for implementation	2026											
			Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	
Thematic Capacity Building	3.2 (50K)	Asia: Integrating Energy Technologies for System transformation						In-person						
	3.2 (25K)	LAC: Cross-Sector System Transformation at the Water-Energy-Food Nexus				In-person								
	3.2 (25K)	Africa: National Systems of Innovation for Climate Resilience and Access		In-person										
	3.2 (15K)	Pacific SIDS: System Transformation for Adaptive Management								In-person				
	3.2 (11K)	Eastern Europe: System Coordination for Energy Transition and Grid Modernisation									In-person			
	JWP 1.2.5 (0K)	Release of publication on AI4ClimateAction (Cases in Africa)											Online release	
		Knowledge sharing webinars on AI and related themes	Youth		Climate Action	Disaster Risk and Resilience				Energy				
Network Engagement	3.2 (20K)	Training on Climate Finance - Social Return on Investment					Online							
		Training on Co-create-Build-Engage Framework												
	4 (0K)	Network Fair		In-person		In-person		In-person		In-person				
	3.2(0K)	Voluntary Technology Talk: Pacific SIDS								In-person				
4 (0K)	Network-led Publications	Contingent on the network's requests												
International RD&D	2.3 (60K)	Collaborative RD&D Bridge-building Workshop on Energy Storage Systems									In-person			
	2.3 (40K)	Learning Visits for green hydrogen production and fuel cell								In-person				
Stakeholder Engagement	2.2 (550K)	Regional NDE Forum		Africa		LAC		Asia			Pacific SIDS & Eastern Europe			
	2.2 (100K)	GCF Structured Dialogue / NDE-NDA meeting			Central Asia	TBD		Asia, In-person			TBD: Contingent on the GCF's Regional Structured Dialogue Dates			

Available on CTCN website

2026 CTCN Capacity Building Services: Call for NDE's Voluntary Participation

A set of 11 capacity-building and networking activities is being planned to support NDEs in strengthening their roles and engagement with key stakeholders. NDEs are invited to complete a short survey to indicate preferences for these activities.

The survey is available in English, Spanish, and French; and will remain open until 27 March 2026. While indicating preferences does not guarantee registration, responses will help inform invitations issued closer to each activity.

A concept note and tentative schedule are attached.

[\[Concept note and Schedule\] CB on System Transformation.pdf](#)



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3

Global CB Programme - Implementation procedure

Standardized procedure: Call for participation



**Call for NDE's registration
(30th Jan – 30th March)**

Invite registered NDEs/Reps to the programme

**Deliver each programme and TA teams
to follow up on the ideas generated**



Services de renforcement des capacités du CTCN pour 2025

Sur la base des discussions et décisions issues des réunions du Conseil consultatif du CTCN, des réunions du Conseil subsidiaire et de la COP 2024, nous avons identifié 10 activités réparties sur 4 modules qui renforceront votre capacité en tant que point focal technologique pour la CCNUCC, ainsi que votre mise en réseau et votre coordination avec les parties prenantes clés.

- Les 4 modules sont :
- i. Programme mondial de renforcement des capacités thématiques
 - ii. Programme d'engagement du réseau
 - iii. Programme international de R-D et de démonstration (RD&D)
 - iv. Programme d'engagement des parties prenantes

Nous vous prions de bien vouloir nous faire part de vos préférences concernant les 10 activités prévues. Il n'y a aucune limite au nombre d'activités que vous pouvez choisir, alors veuillez sélectionner celles qui, selon vous, soutiendront le mieux vos activités en tant qu'END.

Veillez noter que l'indication de vos préférences ne garantit pas une inscription directe aux activités. Cependant, en combinant vos préférences avec les analyses des CDN, de la gouvernance climatique et du portefeuille de TA que nous menons en interne, une invitation vous sera envoyée plus près de chaque activité sélectionnée.

Nous espérons que cette enquête vous fournira un aperçu des services de renforcement des capacités 2025 du CTCN, spécifiquement conçus pour soutenir votre rôle en tant que NDE.

Nous vous prions de bien vouloir compléter votre réponse d'ici le 15 février. Merci beaucoup.



and Building services:

from the 2024 CTCN Advisory Board meeting to enhance your capacity as the technology focal point for the CCNUCC.

Program

preferences for the planned 10 activities to best support your operations as the NDE.

ences does not guarantee direct registration. Portfolio analyses we conduct internally, and we will send you an invitation closer to each activity selection.

an overview of the 2025 CTCN Capacity Building Services.

February 2025.



Servicios de fortalecimiento de capacidades del CTCN para 2025

Basado en las discusiones y decisiones de las reuniones del Consejo Asesor del CTCN, las reuniones del Consejo Subordinado y la COP de 2024, hemos identificado 10 actividades distribuidas en 4 módulos que mejorarán su capacidad como punto focal tecnológico para la CMNUCC, así como apoyarán su red de contactos y coordinación con las partes interesadas clave.

- Los 4 módulos son:
- i. Programa Global de Fortalecimiento de Capacidades Temáticas
 - ii. Programa de Participación en la Red
 - iii. Programa Internacional de I+D y Demostración (RD&D)
 - iv. Programa de Participación de las Partes Interesadas

Le solicitamos amablemente que nos informe sobre sus preferencias para las 10 actividades planificadas. No hay límite en la cantidad de actividades que puede elegir, así que seleccione aquellas que considere más útiles para apoyar sus operaciones como NDE.

Tenga en cuenta que indicar sus preferencias no garantiza la inscripción directa en las actividades. Sin embargo, al combinar sus preferencias con los análisis internos que realizamos sobre las NDC, la gobernanza climática y el portafolio de TA, se enviará una invitación más cerca de cada actividad seleccionada.

Esperamos que esta encuesta le proporcione una visión general de los servicios de Capacitación del CTCN para 2025, diseñados específicamente para apoyar su rol como NDE.

Por favor, complete su respuesta antes del 15 de febrero. Gracias.

Responses

12
Asia

Palestine State of,
Kyrgyzstan, Kazakhstan,
Israel,
Iran, Tajikistan, Nepal, Sri
Lanka (x2), Cambodia,
Jordan, Afghanistan

5
LA

Chile, El Salvador (x2),
Haïti, Paraguay, Venezuela

51

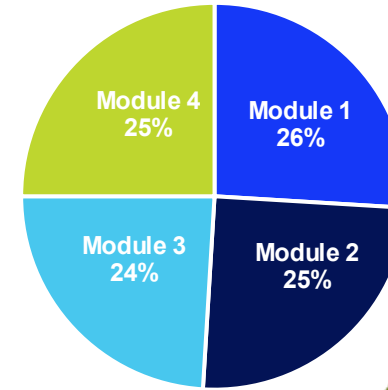
Out of 140
Non-Annex 1 Countries

26
Africa

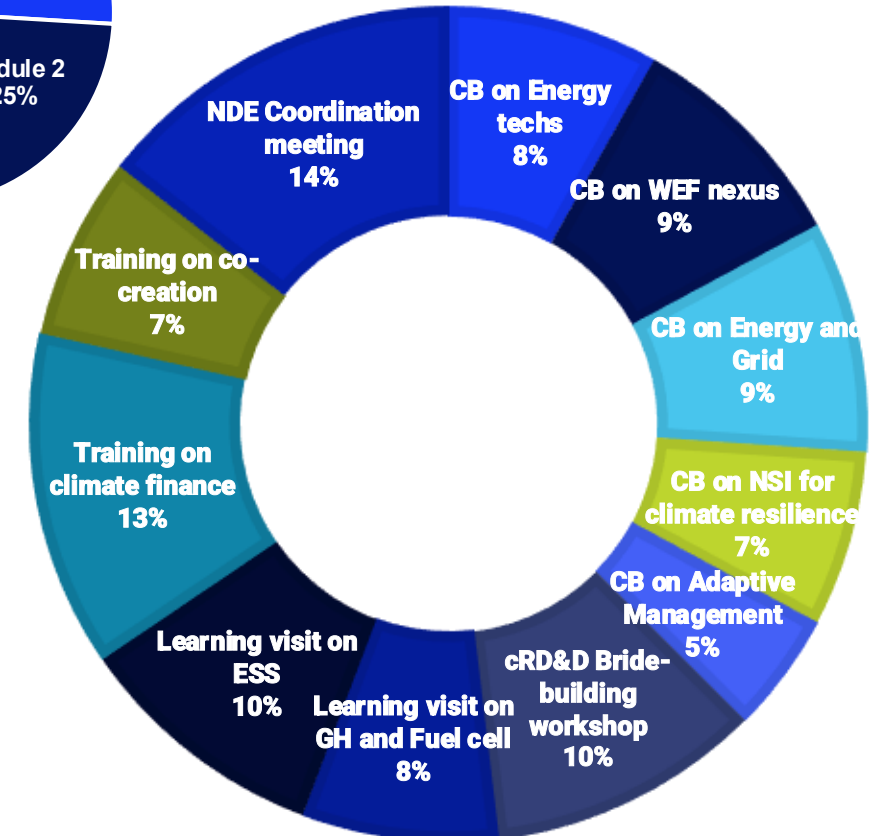
Comoros, Fiji, St. Kitts
and Nevis, Marshall
Islands, Mauritius,
Papua New Guinea,
Timor-Leste, Maldives
(x2)

8
SIDS

PREFERENCE BY MODULES



PREFERENCE BY ACTIVITY



Madagascar (x2), Zimbabwe,
Egypt, Namibia, Côte d'Ivoire,
Congo - Brazzaville, République
du Congo, Lesotho, Guinée-
Bissau, Togo, Chad, Senegal,
Tanzania, Sierra Leone, Comoros,
Uganda, The Gambia,
South Africa, Zambia, Somalia,
Liberia, Algeria, Kenya, Burundi,
Eswatini, Mauritius

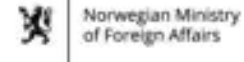
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