

UN CTCN 2026 SIDS NDE Joint Programme: SIDS NDE Forum

Summary Note

Date & Venue: 14 - 15 September 2026, CTCN Partnership and Liaison Office, G-Tower, Incheon, South Korea

Background and objective for SIDS NDE Forum:

The Climate Technology Centre and Network (CTCN), implementation arm of the UNFCCC Technology Mechanism (TM), hosted by UNEP, is mandated to support developing countries through capacity building, technical assistance, and knowledge sharing, with Nationally Designated Entities (NDEs) serving as national focal points (1/CP.16, paragraph 117 (b), 123). With the ongoing Programme of Work¹, it organizes a Regional Forum for the National Designated Entities on an annual basis. In 2025, for the first time in CTCN's history, global Small Islands Developing States (SIDS) gathered 15 (out of 33) NDEs to foster their discussion and learning on co-creation for system transformation through climate action.

The SIDS NDE Forum was held during the first two days of the 2026 Joint Programme, held from 14 to 18 September 2026 in Incheon and Busan. The forum emphasized connecting technology needs with implementation, finance and sustained national ownership. For SIDS, this includes energy security, water and coastal resilience, climate-resilient agriculture, and the institutional and digital capabilities required to operate climate technologies effectively.

The objective of this SIDS NDE Forum is mainly to share experiences, lessons learned and best practices from CTCN technical assistance in SIDS and clarify CTCN procedures and support options.

List of participants

7 NDEs from the Pacific and Caribbean including Cuba, Fiji, Kiribati, Naoero, Palau, Papua New Guinea and Vanuatu, alongside the UNEP CTCN Secretariat, climate finance institutions, international organizations, and CTCN Network members in climate technology field.

See Annex I for full participants list.

Slides:

- **Day 1:** https://www.ctc-n.org/sites/default/files/2026-09/Day%201_Official%20Opening%20of%20the%202026%20SIDS%20Joint%20Programme_Master%20deck_0.pdf
- **Day 2:** https://www.ctc-n.org/sites/default/files/2026-09/Day%202_Forum%26CB_Master%20deck.pdf

¹ https://www.ctc-n.org/sites/default/files/resources/CTCN%20Third%20Programme%20of%20Work%202023-2027_2.pdf

Day 1 SIDS NDE Forum (14 September 2026)

Official opening and introduction to the joint programme



The opening session was moderated by Suil Kang, Coordination Officer, and began with recorded remarks by Ariesta Ningrum, CTCN Director. NDEs and NDE representatives as well as the CTCN teams introduced themselves, their countries and their national roles. Before the sessions, Jeawon Kim, Capacity Building and Network Engagement Specialist, provided an overview of the joint programme and its agenda.

Session 1: Updates by UNFCCC Technology Mechanism



The opening technical session brought together updates on technology development and transfer under the UNFCCC, CTCN activities, and TEC activities and outlook for 2026-2027.

Bhava Dhungana of the UN Climate Change Secretariat and Pedro Ivo Ferraz da Silva, TEC Chair introduce the updates.

Following, Tomoko Furusawa, Senior Programme Management Officer, reported the update on CTCN activities in 2026 regarding implementation and scale-up through TA, capacity building, knowledge sharing and a growing Network of 1,014 members. The presentation reported 18 TA requests from 13 countries, 38 TAs under implementation and 18 completed TAs for October 2025 - September 2026. As an example of TA narrative from TA to finance, several TA impacts were also highlighted. One example was Kenya, where a USD 96.6 million GCF full project proposal was approved in March 2026 following a KCB- CTCN concept note and project preparation support. Other examples included Tanzania's e-mobility policy and market development, and Pakistan's technology roadmap and follow-on concepts.

Session 2: Roundtable discussion with NDEs



Nadege Trocellier, CTCN Global Adaptation Lead, and Tomoko Furusawa, Senior Programme Management Officer moderated the roundtable discussion with several guiding questions to SIDS NDEs. The discussion covered the Belém Technology Implementation Programme (BTIP), the CTCN independent review, the hosting agency, and linkages between the Technology Mechanism and Financial Mechanism. NDEs exchanged views on moving from technology identification and planning towards implementation, and on how CTCN support could better respond to country needs and enable scale-up.

Key points discussed	
From planning to implementation	Approaches to bridging technology identification, technical assistance and large-scale deployment, including the capacity, partnerships and financing needed to advance country-led priorities.
Technology-finance linkages	Disconnection between climate technology needs and access to finance, including how CTCN could support stronger linkages.
CTCN's relevance and effectiveness	NDEs were invited to recommend improvements to strengthen CTCN support in the context of its independent review.
Partnerships for the hosting agency	Guiding questions explored which partnerships the hosting agency should promote to keep CTCN fit for purpose over the next decade.

Session 3: Updates on support

Key Concept Notes for Technical Assistance for 2026-27 - Global and SIDS



Hoyoung Jo, Climate Technology Specialist, presented key TA concepts for 2026 - 2027 for global and SIDS-focused support. The presentation highlighted the sequence from TA request submission and evaluation to response including plan design, competitive procurement, implementation, and monitoring and evaluation. It also emphasized that TA outputs should be linked to the next decision national stakeholders need to make, including technology viability assessment, institutional coordination, preparation for piloting, financial attraction, support in policy change or scale-up of local model.

Global Trends for TA in 2026

Theme	Examples and Potential Approaches for SIDS
Buildings & Infrastructure	Effective EWS concepts need to connect technology and data with institutional responsibilities, user communication and early action.
Business and Industry	TA can combine climate technology with viable business models, MSME participation and a realistic pathway for replication or finance.
Energy Systems	With continued interest in green hydrogen, can conduct TA in different pathways - Maldives: feasibility → national roadmap → policy framework → scale-up concept note - Papua New Guinea: pre-feasibility → technical validation → potential pilot / cRD&D scale-up pathway
WEF nexus	Fiji's ongoing climate-resilient agriculture TA: combining policy revision, improved agricultural data management, institutional capacity building and a scale-up concept note Papua New Guinea's ocean-energy pre-feasibility work: cRD&D pathway These examples show how technology assessments can be linked with institutions, operational capability and follow-on decisions.
National systems of innovation	An innovation-system approach means connecting technology with the institutions, partnerships, capabilities and enabling frameworks needed for adoption and scale-up.
Digitalization	Digital solutions should be designed together with institutional ownership, data-sharing arrangements, user capacity and a clear operational use case.

Emerging TA demand in SIDS

Theme	Potential focus or example
AI and climate information	Climate data platforms, localized early warning systems, multi-hazard decision support and inter-agency data-sharing arrangements.
Integrated energy systems	Renewable integration, energy storage, grid readiness, green hydrogen roadmaps and ocean-energy pre-feasibility.
WEF nexus and agricultural resilience	Climate-resilient agriculture, rainwater harvesting, resilient storage and WEF nexus planning tools.
Finance and innovation systems	Circular economy, resilient MSME business models, partner assessments and scale-up investment concepts.

Global capacity building programme



Jeawon Kim, Capacity Building and Network Engagement Specialist, explained that the 2026 programme focused on system transformation through region-specific themes, including AI and energy for adaptive management in SIDS. Complementary activities were introduced which are NDE-NDA engagement, collaborative research, development and demonstration (cRD&D), learning visits and Network matchmaking.

Papua New Guinea reflection on SROI and CBE



Emily Mulina-Pomoh from Papua New Guinea's REDD+ & Mitigation Division at Climate Change and Development Authority shared her experience of the seven-week online course on Social Return on Investment (SROI) and Co-Create-Build-Engage (CBE). She emphasized understanding what changes for people, rather than counting activities alone, and combining stakeholder perspectives with qualitative and quantitative evidence.

Her reflection described CBE as continuous participation in problem definition, solution development and implementation. She shared several practical advice including protecting study time, preparing for live discussions, sharing local examples and retaining tools for later use. She identified power interruptions as a learning constraint and noted that the PNG idea note developed during the course is currently under the conversion into a TA form pending NDE approval.

Session 4: Updates from financing entities - Adaptation Fund



Nadege Trocellier, Global Adaptation Lead, introduced the Adaptation Fund Climate Innovation Accelerator (AFCIA), which supports innovative adaptation solutions through grants and technical assistance. CTCN's Phase II programme provides USD 10 million for 60 technical assistance packages over 2025-2030, supporting early-stage innovation, scale-up and integration into national systems of innovation. The Asia-Pacific call offered 10 piloting packages of up to USD 150,000 each, with an application deadline of 7 October 2026 and an NDE signature required at a later stage. Coordination services include a Community of Innovation, a joint monitoring and evaluation framework and a planned Innovation Summit.

Pierre-Yves Charpentier of SPC presented Climate Innovation Co:Lab, an AFCIA programme supporting locally led adaptation innovation across 14 Pacific SIDS through an Incubation-Acceleration-amplification pathway. The programme combines TA with incubation grants averaging USD 50,000, acceleration funding of up to USD 200,000, and investment matchmaking and peer learning. Its delivery process involves calls for pitches, co-design with national technical services, endorsement by Designated Authorities and co-implementation, with selection criteria emphasizing climate rationale, national priorities, innovation, feasibility, local ownership, inclusion and replicability.

Following presentations, the session was concluded with consultations on the AFCIA Phase II call for proposals. NDEs were split into groups matching with CTCN Secretariat and network members to review submitted requests.

Key points addressed	
Adaptation innovation support	AFCIA provides grants and technical assistance for innovative adaptation solutions in developing countries.
Piloting and scale-up	CTCN's Phase II programme and SPC's Co:Lab provide support at different stages of innovation development.
Country alignment and ownership	Co:Lab's selection and delivery processes emphasize national priorities, local ownership, co-design and endorsement.
Learning and collaboration	Both presentations included mechanisms for knowledge exchange, collaboration and support for scaling adaptation innovations.

Day 2 SIDS NDE Forum (15 September 2026)

Session 5: Updates from UNFCCC Finance Mechanism – Green Climate Fund



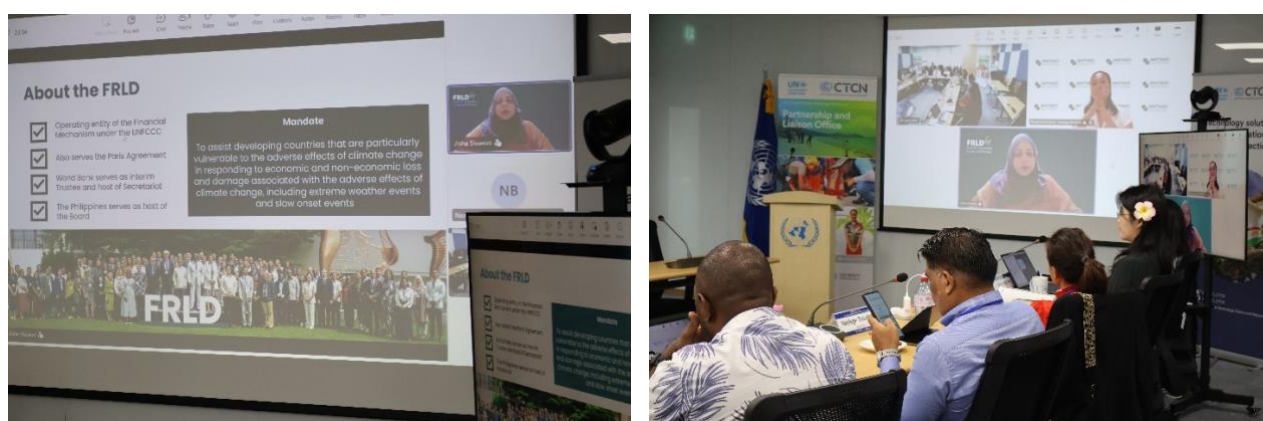
Jose Alfred Cantos, GCF Climate Investment Principal for Pacific and Asian SIDS, presented pathways for connecting SIDS technology priorities to climate investment, emphasizing country

ownership, simpler access, direct access institutions and regional approaches. He outlined Readiness support for institutional capacity, the Project Preparation Facility (PPF) for developing investment-ready proposals, and financing through regular funding proposals or the Simplified Approval Process. The presentation reported a global SIDS portfolio of USD 2.44 billion as of 31 August 2026 and highlighted potential technology and AI applications, including renewable-energy forecasting, early-warning services and climate-risk decision support.

AJ Untalan, GCF Readiness Programme Officer, presented the Readiness Strategy for 2024-2027, covering institutional strengthening, project pipeline development, and knowledge sharing and learning. Funding envelopes included USD 4 million for main country support, USD 3 million each for National Adaptation Plan formulation and implementation, USD 1 million for Direct Access Entity support, and an additional USD 320,000 for liaison officers in SIDS and LDCs. Country platforms were introduced as country-led mechanisms for coordinating stakeholders, translating national priorities into investment pipelines and mobilizing finance, with Jamaica presented as an example.

Key points addressed	
Technology-finance coordination	NDEs identify technology needs, while NDAs connect them with national climate priorities and Direct Access Entities.
Support matched to project needs	Readiness strengthens institutions and enabling conditions; PPF supports proposal preparation; GCF financing supports implementation.
SIDS access and capacity	Direct access pathways and dedicated liaison officer support strengthen country engagement and institutional capacity.
Country-led investment planning	Country platforms connect national priorities, stakeholder coordination and climate investment opportunities.

Session 6: Updates from UNFCCC Finance Mechanism - FRLD and Santiago Network



Zoha Shawoo, FRLD Programming Specialist in Programming and Country Engagement, introduced the Fund for Responding to Loss and Damage and its mandate to support particularly vulnerable developing countries in addressing economic and non-economic loss and damage. The

presentation outlined the Barbados Implementation Modalities, with USD 342 million in grants, funding requests of USD 5-20 million and a minimum allocation floor of 50 per cent for SIDS and LDCs. Access pathways included direct budget support through national governments and partnerships with eligible accredited entities. Countries must designate an FRLD National Focal Point before submitting a funding request, with funding criteria emphasizing country-led approaches, expected results and national-level complementarity.

Nazgul Borkosheva, Santiago Network Regional Coordinator for Asia-Pacific, introduced the Network's role in catalysing technical assistance for averting, minimizing and addressing climate-related loss and damage. The presentation reported the delivery of its first technical assistance in Vanuatu and ongoing implementation in the Cook Islands, Kenya and Yemen. Support follows an inclusive, demand-driven and country-led process, with National Liaisons coordinating stakeholders and ensuring alignment with national priorities. The technical assistance cycle covers request preparation, submission with National Liaison no-objection, review and refinement, member selection, delivery, monitoring and knowledge sharing. Eligibility criteria emphasize demonstrated needs, vulnerable communities and sustainable national capacity.

ANNEX I

In-person participants				
Country / Organization	First Name	Last Name	Title	Affiliation
Cuba	Maria Luisa	Zamora Rodriguez	Ms	Nationally Designated Entity (NDE)
Fiji	Sanjeshni	Devi	Ms	Nationally Designated Entity (NDE)
Kiribati	Moanibou	Muller	Ms	Nationally Designated Entity (NDE)
Naoero	Reagan	Moses	Mr	Nationally Designated Entity (NDE)
Palau	David	Idip	Mr	Nationally Designated Entity (NDE)
Papua New Guinea	Danny	Nekitel	Mr	Nationally Designated Entity (NDE)
Vanuatu	Matthew	Tasale	Mr	Nationally Designated Entity (NDE)
UNEP CTCN	Tomoko	Furusawa	Ms	Head of Partnership and Liaison Office
UNEP CTCN	Suil	Kang	Mr	Coordination Officer
UNEP CTCN	Nadege	Trocellier	Ms	Global Adaptation Lead
UNEP CTCN	Jeawon	Kim	Ms	Capacity Building and Network Engagement Specialist
UNEP CTCN	Hoyoung	Jo	Mr	Climate Technology Specialist
UNEP CTCN	Sebin	Lee	Mr	Administrative Assistant
UNEP CTCN	Taeyeong	Kim	Ms	Incheon City Volunteer
Green Climate Fund	Jose	Alfred Cantos	Mr	Climate Investment Principal
Green Climate Fund	Leonie	Clavel	Ms	Readiness Programme Officer
Green Climate Fund	AJ	Untalan	Mr	Readiness Programme Officer
Online participants				
FRLD	Zoha	Shawoo	Ms	Programming Specialist
Santiago Network	Nazgul	Borkosheva	Ms	Regional coordinator for AP
PNG	Emily	Mulina-Pomoh	Ms	REDD+ & Mitigation Officer
SPC	Pierre-Yves	Charpentier	Mr	Programme Manager
UN Climate Change Secretariat	Bhava	Dhungana	Ms	Officer
TEC	Pedro Ivo Ferraz	da Silva	Mr	Chair

ANNEX II – Group Photos



Link to the social media post:

Day 1: https://www.linkedin.com/posts/climate-technology-centre-network_climatetech-activity-7505237423585476608-9yQx?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEphirUBU0dzqYwWK1tVM4AQDYKSEiuq9cU

Day 2: https://www.linkedin.com/posts/climate-technology-centre-network_climatetech-activity-7505622790922870784-tJN?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEphirUBU0dzqYwWK1tVM4AQDYKSEiuq9cU