

Technology Mechanism, CTCN and TEC – Updates on the Joint Work Programme (2023-2027)

Reporting period between April 2025 – April 2026

*Pedro Antonio Coss Sanz, AB Member, Non-Annex I, Dominican Republic
Pedro Ivo Ferraz da Silva, TEC Chair, Non-Annex I, Brazil*



United Nations Climate Change
Technology Executive Committee



Summary



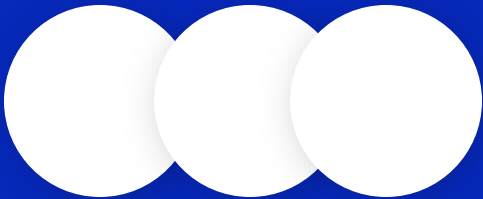
Update of the work

Joint activities

Common areas of work



Recent Progress: TEC Highlights



TEC Highlights:

Progress since TEC 30

- Publications on buildings and infrastructure & technology needs assessments, AI
- Events on energy storage, artificial intelligence, transformative industry, among others
- TEC Forum on AI for Climate Action
- Inputs to the GEF 9 with CTCN AB

Progress at TEC 32

- Initiated the development of the TEC rolling workplan 2028-2032
- Progressed the implementation of the Rolling workplan 2023-2027
- Agreed to strengthen engagements with the National Designated Entities in the implementation of the rolling workplan for 2023–2027
- Discussed and progressed planning for implementing the TEC mandates from Belém Technology Implementation Programme



The Technology Mechanism Initiative on AI for Climate Action in 2025

TEC AI for Climate Action Forum 2025

Gathering of policy-makers, climate technology leaders and experts exploring the opportunities, challenges and risk of AI for climate action and ways to harness locally led AI applications.

- Strong focus on implementation in developing countries
- Themes: Disaster risk reduction, smart agriculture, energy efficiency etc.
- 300 participants from around the world
- CTCN's strong contribution to the discussions



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Latest from the work of the TEC engaging NDEs (2025-2026)



TEC's new practical guide on TNA support launched. It provides an overview of important steps and considerations in planning and mobilizing support for conducting a TNA



NSI Mapping Tool shared as a proof of concept to seek feedback with selected NDEs on its clarity, usability and relevance to national contexts. Will be shared once approved by the TEC.

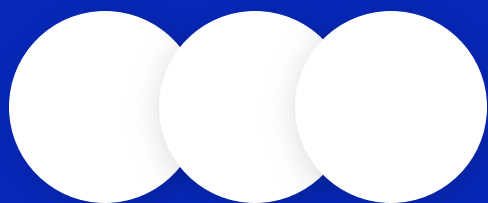
Other highlights:

- TEC engagement at all NDE forums
 - Joint NDE survey with the CTCN (currently in circulation)
 - Participation of NDEs in TEC events (Climate Weeks, SBs, COPs, Forums, etc.)
- + more



2.

Recent Progress: CTCN AB Highlights



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Key highlights:

- Delivered **5** Regional NDE Fora, plus an introductory session for EE Non-Annex I countries
- Co-hosted **4** joint events with the **TEC** to showcase the impact of our collective work
- Advanced collaboration on the **AI Climate Application Hub** with the **Digital Public Goods Alliance (DPGA)**



Special announcement:



CTCN-Supported KCB Proposal Unlocks \$96.9 Million to Scale Climate Technologies Across Kenya

14 Apr 2026 – 12:00 PM

In a breakthrough for climate technology deployment, the Kenya Commercial Bank (KCB) has secured financing from the Green Climate Fund (GCF) to the tune of USD 43.6 million dollars for a 96.9 million dollar programme for the establishment and demonstration of a scalable, de-risked local currency lending facility for climate-vulnerable farmers in Kenya. This was facilitated with the initial support from the UN Climate Technology Centre and Network (CTCN) and its network member Sustainable Solutions for Africa (SSA), for securing a GCF Project Preparation Facility grant.

USD 96.9m

Co-financing 55.0%

Co-Financing
50.0m Loan

News facts

🎯 Objective

[Adaptation](#)
[Mitigation](#)

🏠 Sectors

[Agriculture](#)

👁️ Approach

[Community based](#)

🌐 Cross-sectoral enabler



Scan & read:

GCF financing

INSTRUMENT	AMOUNT
● Grant	USD 8,332,000
● Loan	USD 15,000,000
● Guarantee	USD 20,311,200
TOTAL GCF FINANCING	
USD 43,643,200	

Co-financing

CO-FINANCER	INSTRUMENT	AMOUNT
● Co-Financing	In-kind	USD 3,263,000
● Co-Financing	Loan	USD 50,000,000
TOTAL CO-FINANCING		
USD 53,263,000		



Engagement in Joint Working Groups

CTCN Advisory Board	TEC	Joint groups
<p>Resource Mobilization and Partnerships task force where TEC Chair and Vice Chair are members</p>	<p>CTCN is part of activity groups: A1-National Systems of Innovation A.2.1 RD&D A.4.1 Digital Technologies B.1.1 TNA C.3.1 Transformative industry D.1.1 Engagement with the SCF and Financial Mechanism</p>	<p>Open-ended activity group on M&E</p> <p>Joint taskforce on digitalization</p>



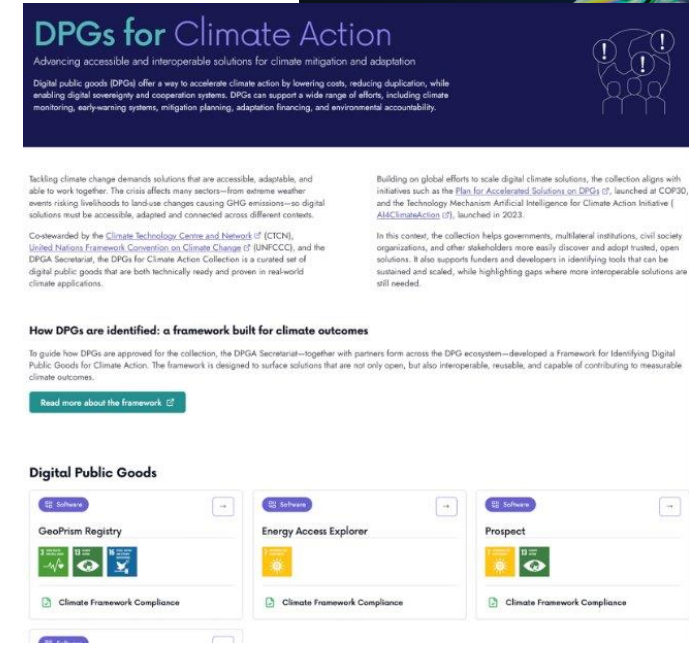
3. Joint Activities



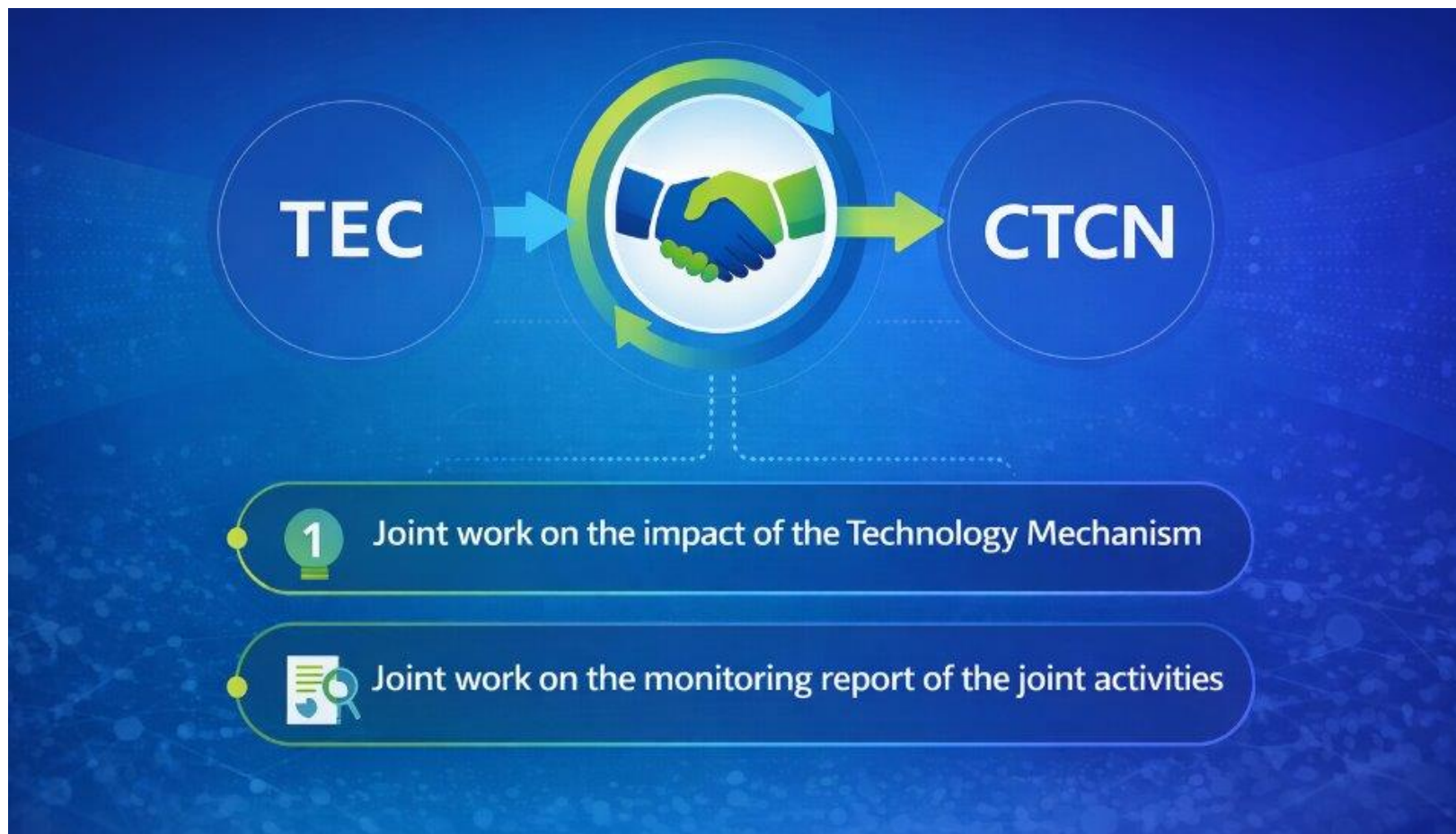
Joint Workstream: Digitalization & AI

Collaboration under the Joint Initiative on AI for Climate Action

- TEC-CTCN co-hosting of the Technology Mechanism AI for Climate Action Award 2025
- Joint work on the AI Climate Application Hub in collaboration with the Digital Public Goods Alliance (DPGA)
- Active exchanges during the TEC-CTCN Joint Taskforce on Digitalization as well as CTCN participation in the TEC Activity Group on Digital Technologies



Joint Workstream: Monitoring & Evaluation



Supporting National Designated Entities

5 NDE Fora held within this period

2025:

- LAC Region (19-22 May, Panama City, Panama)
- Africa Region (21-25 July, Nairobi, Kenya)
- Asia Region (1-3 September, Seoul, South Korea)
- Small Island Development States (1-2 December, Brisbane, Australia)
- Virtual NDE Introduction Session for Eastern Europe held in October

2026:

- Africa Region (23-26 March, Hammamet, Tunisia)



Joint Outreach & Engagement: Key Events

4 events organized jointly

- Building Tomorrow: Policy & Data-Driven Solutions For Financing Climate Technologies in Buildings
- Technology Mechanism for Impact: Bridging Policy, Innovation, and Action for Climate Solutions in LDCs and SIDS
- Technology Mechanism AI For Climate Action Award
- COP30 Masterclass on AI for Energy Systems



4. Common Areas of Work



National Systems of Innovation

TEC	CTCN
TEC promoted the NSI knowledge products to NDEs during NDE Fora, particularly to the capacity building component of the Fora.	CTCN developed sector specific guidelines for National Systems of Innovation related Technical Assistances as per the Gender Policy and Action plan of the CTCN, and will be shared with the TEC.
	CTCN is utilizing the TEC knowledge product on NSI for the ongoing TA on strengthening the NSI of Mozambique
	CTCN has worked closely with the TEC and used the TEC Brief on NSI to develop a visual roadmap on how to deploy NSI on fragile environments under the EC Security programme
During the 2025 April's joint session TEC-CTCN held a Thematic Dialogue on Financing National Systems of Innovation	
During CTCN's Capacity Building program on NSI in Africa, TEC led dedicated session on 'Incubators and Accelerators'.	

Water-Energy-Food Systems Transformation

TEC	CTCN
<p>TEC promoted the TEC-FAO publication, Climate Technologies for Agrifood System Transformation: Placing food security, climate change and poverty reduction at the forefront, including key messages and recommendations at the 2025 NDE Fora in Africa, SIDS, and LAC.</p>	<p>15 TAs on WEF systems completed. Portfolio largely focused on adaptation, with several initiatives also addressing both adaptation and mitigation, spanning Africa, the Caribbean, and Asia with the focus on strengthening community resilience through climate-smart agriculture, water and ecosystem management, and decentralized clean energy solutions.</p> <p>TEC helped mobilize the FAO to lead the discussion of the WEF during the NDE Africa and SIDS Fora.</p>

Future collaboration: TEC-FAO toolkit on scaling up climate technology solutions in resilient agrifood systems could be used by NDEs to develop agrifood projects.



Energy Systems

TEC	CTCN
<p>TEC is working on the policy brief accelerating the deployment of energy storage to advance clean energy transitions, CTCN is engaged through the open-ended activity group and providing inputs to the document.</p>	<p>4 TAs on Energy Systems completed. Deploying solar for off-grid industry, advancing SF₆ phase-out, improving biogas efficiency, and strengthening electricity market regulations.</p>
<p>CTCN provided inputs to the TEC webinar - Powering the Paris Agreement: The role of energy storage today and tomorrow</p>	<p>TEC contributed to cRD&D workshop on energy storage organized by the CTCN in Busan.</p>
<p>TEC and CTCN collaborated with the PCCB to organize a Masterclass on AI for Energy Systems at COP30</p>	



Buildings & Resilient Infrastructure

TEC	CTCN
<p>TEC policy brief on Deploying Established Climate Technologies and Solutions for Buildings and Infrastructure launched at COP30 as well as a draft policy brief on leveraging data to accelerate financing for climate technologies in buildings and infrastructure.</p> <ul style="list-style-type: none"> ➤ CTCN case studies were included in the publication. 	<p>6 TAs on Buildings and Resilient Infrastructure completed. Nature-based restoration, early warning systems, climate data platforms, and green standards for resilient development.</p> <p>CTCN contributed to the TEC's event on Driving Global Uptake of Established Climate Technologies and Solutions for Buildings</p>
<p>Co-organized TM event: Building Tomorrow: Policy and Data-Driven Solutions for Financing Climate Technologies in Buildings at SB 62</p>	



Business & Industry

TEC	CTCN
<p>Ongoing work of the TEC on climate technology incubators and accelerators, in partnership with UNIDO,</p> <ul style="list-style-type: none"> ➤ CTCN provided inputs regarding its Youth Innovation Climate Programme to the ongoing work of the 	<p>2 TAs on Business and Industry completed. MSME financing for circular economy and climate-responsive waste management systems.</p>
<p>CTCN contributed to the TEC's Technology Day on Transformative Industry at COP30</p>	<p>TEC helped mobilize industry practitioners for the NDE Forum in Africa 2026</p>



Technology Needs Assessments (TNAs)

TEC	CTCN
<p>TEC practical guide: How developing countries can be supported for conducting and updating their TNAs</p>	<p>In Cote d'Ivoire, CTCN completed one TA TNA: Updating of Technology Needs Assessment (TNA) and Technology Action Plan (TAP) for the implementation of NDC in Cote d'Ivoire (GCF Readiness)</p>
<p>TEC is preparing a knowledge product on how developing countries can be supported in implementing the TAP and TNA outcomes;</p> <ul style="list-style-type: none"> ➤ CTCN will contribute with the TA case studies 	<p>CTCN supported promotion of the Technology Needs Assessment Guidebook - Technologies for Climate Change Mitigation in Developing Countries: Renewable Energy</p>

Future collaboration: CTCN stands ready to implement TNA outcomes and TAPs at the request of countries.



5. JWP Accomplishments



Joint Work Programme in Action: Key Achievements

- Launch of the #AI4ClimateAction Initiative
- Improved coordination and preparation of NDE Fora
- Launched an invitation to partner with the Technology Mechanism to Accelerate technology development and transfer through the joint work programme of the Technology Mechanism (2023-2027)
- Increased visibility and outreach for joint events at COPs and SBS



Looking forward:

- How can TEC and CTCN further enhance complementarity beyond current modalities (NDE Fora, involvement in knowledge product development) to create greater impact?
- How can engagement with countries and other technology stakeholders be strengthened?
- What are the lessons learned of the implementation of the current Joint Work Programme?
- What are the priority areas for the next phase of collaboration?



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