Advisory Board to the Climate Technology Centre and Network **12-17 September 2025**

Twenty-sixth meeting **AB/2025/26/6**

Draft joint chapter of the joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network for 2025

Cover note

I. Introduction

A. Background

1. In accordance with the agreed procedures for preparing the joint annual report of the Technology Executive Committee (TEC) and the Climate Technology Centre and Network (CTCN), the report shall contain a section as the joint chapter of the TEC and CTCN. The procedures also note that the Chairs and Vice Chairs of the TEC and the CTCN Advisory Board are to prepare and finalize this joint chapter, taking into account any comments received from members of the TEC and the CTCN Advisory Board.
2. The COP by decisions 1/CP.27 and 18/CP.27 and the CMA by decision 19/CMA.4 welcomed the joint work programme of the Technology Mechanism for 2023–2027 and invited Parties and relevant stakeholders to collaborate with the TEC and CTCN to implement the joint work programme. Parties also requested the TEC and the CTCN to include information on how the two bodies responded to mandates of Parties in the implementation of their work in their joint annual reports. Moreover, the CMA by decision 20/CMA.4 requested the TEC and the CTCN to include in their joint annual report for 2023 and in subsequent reports to the CMA, through the subsidiary bodies, information on actions undertaken in response to the recommendations contained in the final report of the first periodic assessment referred to in paragraph 69 of decision 1/CP.21.
3. Furthermore, the COP, by decision 9/CP.28, and the CMA, by decision 14/CMA.5, appreciated the information from the TEC and CTCN on actions taken in response to mandates from COP 27 and the subsidiary bodies at their fifty-seventh sessions, and invited them to include such information in their joint annual reports.
4. The Chair and Vice Chair of the TEC together with the Chair and the Vice Chair of the CTCN Advisory Board, supported by the secretariats of the two bodies, prepared the draft joint chapter containing, inter alia, the information above.
5. At CTCN AB26, the TEC and the CTCN Advisory Board will meet in a joint session on 12 September 2025 and consider the draft joint chapter of the joint annual report of the TEC and the CTCN for 2025.

B. Scope of the note

6. The annex to this note contains the draft joint chapter of the Joint Annual Report of the TEC and the CTCN for 2025, prepared by the Chairs and Vice-Chairs of the TEC and the CTCN Advisory Board.

C. Possible action by the CTCN Advisory Board

7. The TEC and the CTCN Advisory Board will be invited to consider the draft joint chapter, provide inputs and further guidance, including on challenges and lessons learned, for the Chairs and Vice-Chairs of the TEC and the CTCN AB to finalize the document.

Annex

Draft Joint chapter of the Technology Executive Committee and the Climate Technology Centre and Network

1. The joint sessions[1] of the TEC and the CTCN Advisory Board, held in 2025 on 4 April and 12 September in conjunction with the bodies' meetings, continued to provide a valuable opportunity for systematically exchanging feedback on the work of each body and taking stock of their joint work, including in implementing the joint work programme of the Technology Mechanism.

2. The TEC and the CTCN continued to collaborate on joint activities and common areas of work, reflecting their effort to respond in synergy under the Technology Mechanism to the technology components of the outcome of the first global stocktake[2] and, thus demonstrating the central role of the Technology Mechanism in translating global ambition into action.

3. The TEC and the CTCN continued to implement joint activities under the Technology Mechanism initiative on AI for climate action,[3] which explores the role of AI in developing and scaling up transformative solutions for climate change mitigation and adaptation in developing countries, with a focus on the LDCs and SIDS, including by:

(a) Co-organizing an event with the Paris Committee on Capacity-building, the COP 29 Presidency and Enterprise Neurosystem on how AI-powered solutions can accelerate adaptation and mitigation action in developing countries and how AI-related capacity-building gaps and needs of the LDCs and SIDS can be addressed;

(b) Convening the Technology Mechanism AI for Climate Action Award 2025, in partnership with the Korea International Cooperation Agency and in collaboration with the incoming COP 30 Presidency and Enterprise Neurosystem, to identify and promote AI-powered solutions for effective adaptation and mitigation actions in the LDCs and SIDS;

(c) Continuing to develop, in collaboration with the Digital Public Goods Alliance, the AI Climate Application Hub to serve as a repository of AI-powered open-source climate applications.

4. Regarding their joint activity on gender and technology, the CTCN in collaboration with the TEC expanded the gender and climate technology expert roster. As of August 2025, 172 experts were registered on the roster, an increase of 52 per cent since October 2024.

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[1] Information on the joint sessions, including recordings, can be accessed at: https://unfccc.int/ttclear/tec/meetings.html.

[2] See: https://unfccc.int/topics/global-stocktake/about-the-global-stocktake/outcome-of-the-first-global-stocktake.

[3] https://unfccc.int/ttclear/artificial_intelligence.

5. During the reporting period, the TEC and the CTCN issued the 2024 monitoring report on the implementation of their joint activities[4] and continued to work on elaborating indicators for measuring the impacts of the Technology Mechanism.

6. The TEC and the CTCN continued to collaborate in the common areas of work under the joint work programme of the Technology Mechanism, including by:

7. Holding during the joint session of the TEC and the CTCN Advisory Board on 4 April 2025 a thematic dialogue on financing national systems of innovation,[5] where discussions focused on overcoming barriers to accessing finance for such systems and the potential roles of various actors, including the TEC and the CTCN, in enhancing financing for national systems of innovation;[6]

(a) Holding, in collaboration with FAO, a high-level dialogue at COP 29 which brought together key stakeholders to explore on how climate technologies can support the transformation of agrifood systems and accelerate the implementation of NDCs;Contributing inputs to the annual synthesis report on activities related to SJWA[7] and participating in the in-session workshop held at SB 62 on systemic and holistic approaches to implementation of climate action on agriculture, food systems and food security, understanding, cooperation and integration onto plans;[8]

(b) Holding, in collaboration with the Global Alliance for Buildings and Construction and the Massachusetts Institute of Technology Climate Policy Center, an event at SB 62 that brought together policymakers, researchers, industry leaders and financial institutions to explore how policy interventions and data-driven insights can accelerate the financing and deployment of climate technologies in the buildings sector;[9]

(c) Co-hosting, with UNEP Copenhagen Climate Centre and the COP 29 Presidency, an event at COP 29[10] highlighting the role of technology action plan implementation in achieving NDCs, where the TEC also launched its analysis report on success stories from implemented technology action plans.

8. During the reporting period, the TEC and the CTCN continued to collaborate and exchange information, including by:

(a) Holding a side event at COP 29 to celebrate over a decade of action on climate technology since establishment of the CTCN and showcase the impacts of the TA delivered under the Technology

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[4] See TEC document TEC/2025/30/15, annex, chap. 3.

[5] See https://unfccc.int/ttclear/events/2025/2025_event01.

[6] Highlights from the dialogue are available at https://unfccc.int/news/accelerating-climate-innovation-financing-national-systems-of-innovation-for-action.

[7] See: FCCC/SB/2025/4.

[8] See: https://unfccc.int/event/in-session-workshop-on-systemic-and-holistic-approaches-to-implementation-of-climate-action-on-0

[9] See: https://unfccc.int/ttclear/events/2025/2025_event03

[10] See https://tech-action.unepccc.org/events/cop29-side-event-implementation-of-technology-action-plans-to-realize-ambitious-and-feasible-ndcs/.

Mechanism in developing countries to accelerate implementation of climate technology solutions.[11] At the event, the TEC shared insights on the role of the CTCN in supporting the implementation of TNA outcomes in developing countries emerging from its analytical work on the topic. The GCF announced the approval of funding under its Project Preparation Facility for an initiative led by Kenya Commercial Bank, while the Ministry of Water and Environment of Uganda provided information on a project addressing the country's TNA outcomes, for which an application for funding under the GCF Project Preparation Facility has been submitted. Both projects were initially supported by the CTCN;

(b) Contributing to each other's events and activities, for example by engaging with NDEs at the regional NDE forums for Africa, Asia and Latin America and the Caribbean (for details see section CTCN report); and convening a collaborative research, development and demonstration bridge-building workshop, where the TEC and the CTCN presented information on their respective activities and joint work. Furthermore, the CTCN nominated representatives for TEC open-ended activity groups;[12]

(c) Participating in the Implementation Forum Technology Lab[13] at the first climate week of 2025 and engaging with the NDEs to where they discussed the role of emerging technologies and issues relating to practical, accessible and affordable solutions for developing countries and sectors with limited technology infrastructure;

(d) Continuing joint efforts to mobilize resources collaboratively for implementing the joint work programme, with the support of the UNFCCC secretariat, through the joint call for partnerships, aimed at accelerating technology development and transfer through the joint work programme of the Technology Mechanism;

(e) Undertaking joint communication and outreach efforts, including via the CTCN newsletter and the UN Climate Change Technology group on LinkedIn, which reach more than 13,000 subscribers and 2,849 followers respectively, representing an 8 and a 23 per cent increase respectively compared with the previous reporting period;

(f) Updating the guidance note on the role of NDEs from Annex I Parties[14], which is included in NDE welcome packs, where relevant, and has been circulated to the national focal points.

9. The TEC and the CTCN continued to engage with the GCF and the GEF to foster collaboration and strengthen linkages between the Technology Mechanism and the Financial Mechanism, including by:

(a) Participating in the annual meeting between the GCF and UNFCCC constituted bodies at COP 29 to share views on the role of the

[11] See https://www.ctc-n.org/whats-happening/events/climate-technologies-impact-stories-country-support-through-unfccc.

[12] See https://unfccc.int/ttclear/tec/workplan (under the workplan document "TEC open ended activity group members").

[13] See https://unfccc.int/topics/climate-weeks#2025.

[14] Information can be seen at: https://www.ctc-n.org/about-ctcn/nde

GCF in implementing the technology-related outcomes of the global stocktake and highlight existing collaborations and further opportunities for synergistic engagement between the TEC, the CTCN and the GCF under the Strategic Plan for the GCF 2024-2027;

(b) Attending and contributing to the GCF regional dialogues with the Caribbean and with SIDS in Asia and the Pacific, where the TEC and the CTCN co-hosted a session on strengthening linkages between the Technology Mechanism and the Financial Mechanism;

(c) Submitting joint inputs on technology-related elements of the programming for the climate change focal area under the ninth replenishment of the GEF (2026–2030).[15]

10. The TEC and the CTCN also issued a document providing information on their individual and joint actions to address mandates from the COP and the CMA.[16]

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[15] Decision 4/CP.29, para. 2(f).

[16] Placeholder for link.