



Technology Executive Committee

03 September 2024

Twenty-ninth meeting

17–20 September and 20 September 2024 (TEC-CTCN Joint session)

Draft joint chapter of the joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network for 2024

Cover note

I. 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. 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.

3. 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.

4. At TEC 29, the TEC and the CTCN Advisory Board will meet in a joint session on 20 September 2024 to take stock of the progress of the joint activities by the TEC and the CTCN and consider the draft joint chapter of the joint annual report of the TEC and the CTCN for 2024.

II. Scope of the note

5. The annex to this note contains the draft joint chapter prepared by the Chairs and Vice-Chairs of the TEC and the CTCN Advisory Board.

III. Expected action

6. The TEC jointly with the CTCN Advisory Board will be invited to consider the draft joint chapter and provide inputs and further guidance for the Chairs and Vice-Chairs of the TEC and the CTCN AB to finalize the joint chapter.

Annex

Draft joint chapter of the joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network for 2024

1. The joint sessions¹ of the TEC and the CTCN Advisory Board, held in 2024 on 19 April and 20 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 for 2023–2027.

2. The TEC and the CTCN continued to collaborate on the implementation of joint activities. During the reporting period, the TEC and the CTCN:

(a) Held a high-level event at COP 28 on AI for climate action, in collaboration with the COP 28 Presidency. The aim of the event was to explore the potential of AI as a powerful technological tool for realizing transformative adaptation and mitigation solutions in developing countries, particularly the LDCs and SIDS. The event provided a space for ministers to discuss policy and for leaders in the field to share knowledge and experience in order to raise awareness of the opportunities and challenges presented by AI-powered climate action. A summary of the event, including a video recording and presentations were published on TT:Clear;²

(b) Held a high-level event at COP 28, in collaboration with the COP 28 Presidency, on international cooperation on technology and innovation as a means of uniting for climate action.³ The purpose of the event was to foster existing and unlock potential new partnerships in technology development and transfer aimed at uniting the public and private sectors and supporting developing countries;

(c) Finalized the workplan for the Technology Mechanism initiative on AI for climate action (2024–2027)⁴ and began implementing the activities therein, including initiated work on an AI Climate Application Hub in partnership with Enterprise Neurosystem and participating in the Climate Change AI Summer School 2024. The Hub will serve as repository of AI-powered open-source climate applications that can be freely accessed and will feature solutions shared under the AI Innovation Grand Challenge;⁵

(d) Developed draft concept notes on the use of distributed ledgers and green technology databases, and continued collaborating with the World Intellectual Property Organization on linking WIPO GREEN, a clean technology database, to the CTCN web pages with the aim of raising awareness of environmentally friendly technologies and connecting providers and seekers thereof;

(e) Operationalized the gender and climate technology expert roster,⁶ an online database of international professionals, local experts and Indigenous Peoples, with recognized expertise in the area of gender equality and climate technology. As of 2 September 2024, a total of 90 experts had joined the roster;

(f) Launched the third biennial Technology Mechanism NDE survey for evaluating the ex-post impacts of the support provided by the CTCN and the TEC to facilitate technology development and transfer. This iteration of the survey employed a more targeted dissemination approach than previous surveys in order to ensure greater participation and uptake.⁷ The survey was sent to over 160 NDEs between June and August 2024. The survey, received responses from 74

¹ See <https://unfccc.int/ttclear/tec/meetings.html>.

² https://unfccc.int/ttclear/artificial_intelligence.

³ See <https://www.ctc-n.org/calendar/events/high-level-event-cop28-uniting-climate-action-calling-international-cooperation>.

⁴ Available at https://unfccc.int/ttclear/artificial_intelligence.

⁵ See paragraph 24 (a).

⁶ <https://www.ctc-n.org/networking-and-collaboration/gender-and-climate-technology-expert-roster>.

⁷ In accordance with decision 18/CP.27 para. 11.

NDEs, marking an 18% increase compared to the 2022 survey. The results of the survey will guide implementation of the TEC rolling workplan and the CTCN programme of work.

3. The TEC and the CTCN continued to collaborate closely on implementing the common areas of work outlined in the joint work programme. Regarding the area water–energy–food systems, the CTCN contributed information on TA case-study as input to a joint TEC and FAO knowledge product on climate technologies for agrifood system transformation. Regarding the area of TNAs, information gathered by the TEC from the TA provided by the CTCN enriched the TEC analysis of success stories of implemented TAPs to identify key elements for successful implementation of prioritized technologies. Regarding the area of business and industry, the CTCN contributed to a draft policy brief that the TEC prepared in collaboration with UNIDO on integrating hard-to-abate industries into updated NDCs.

4. The TEC and the CTCN continued their collaboration and information exchange, including by:

(a) Organizing an in-session workshop at SBI 60,⁸ under the guidance of a TEC ad hoc activity group, at which participants took stock of the linkages between the Technology Mechanism and the Financial Mechanism and explored ways to enhance those linkages;

(b) Participating in and contributing to each other's events and activities; for example, the TEC presented its knowledge products and the highlights from implementing its –rolling workplan for 2023–2027 at the CTCN's regional NDE forums held during the reporting period;

(c) Holding joint events at COP 28 and SB 60 on fostering innovation through collaborative climate technology research, development and demonstration and on promoting technologies that support risk-informed climate adaptation and early warning systems;

(d) Conducting an analysis of the monitoring and evaluation indicators for joint activities and of existing reporting requirements and consequently approving and operationalizing the indicators starting in 2024;

(e) Launching, with the support of the secretariat, a joint call for partnerships aimed at accelerating technology development and transfer⁹ in order to effectively mobilize resources for implementing the joint work programme of the Technology Mechanism;

(f) Undertaking joint communication and outreach efforts, including through the CTCN newsletter and the UN Climate Change Technology group on LinkedIn, which reach more than 12,000 subscribers and 2,200 members respectively.

5. The TEC and the CTCN engaged with constituted bodies and in processes and initiatives under the UNFCCC, including by:

(a) The CTCN providing inputs to the TEC inputs to the Standing Committee on Finance on draft guidance to the operating entities of the Financial Mechanism;

(b) Jointly contributing to the in-session workshop under the framework for non-market approaches referred to in Article 6, paragraph 8, of the Paris Agreement held in conjunction with GCNMA 5 during SB 60 by making a presentation on the work of the Technology Mechanism relevant to non-market approaches;

(c) Jointly interacting regularly with the Green Climate Fund (GCF) and the Global Environment Facility (GEF) to explore opportunities for closer collaboration, including by co-organizing with the GCF Secretariat a session on strengthening linkages between the Technology Mechanism and the Financial Mechanism, which was held at the 2024 GCF regional dialogue with the Middle East and North Africa.¹⁰

(d) Jointly exploring potential areas of collaboration between the Technology Mechanism and the UN Climate Change Global Innovation Hub [placeholder for the decision on joint session of 20th September].

⁸ In response to a request from COP 28 (decision 10/CP.28, para. 12).

⁹ See <https://unfccc.int/about-us/partnerships/current-calls-for-partnerships/accelerating-technology-development-and-transfer-through-the-joint-work-programme-of-the-technology>.

¹⁰ <https://www.greenclimate.fund/event/gcf-regional-dialogue-middle-east-and-north-africa>.

6. The TEC and the CTCN prepared and issued a document providing information on their individual and joint actions undertaken in response to mandates and guidance from the COP and the CMA.¹¹

¹¹ Available at Placeholder for the document link.