



Subsidiary Body for Scientific and Technological Advice

Fifty-ninth session

United Arab Emirates, 30 November to 6 December 2023

Agenda item 11

Development and transfer of technologies and implementation of the Technology Mechanism: joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network

Subsidiary Body for Implementation

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Agenda item 15

Development and transfer of technologies and implementation of the Technology Mechanism: joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network

Joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network

Draft conclusions proposed by the Chairs

Recommendation of the Subsidiary Body for Scientific and Technological Advice and the Subsidiary Body for Implementation

The Subsidiary Body for Scientific and Technological Advice and the Subsidiary Body for Implementation, at their fifty-ninth sessions, recommended the following draft decision for consideration and adoption by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement at its fifth session:

Draft decision -/CMA.5

Enhancing climate technology development and transfer to support implementation of the Paris Agreement

The Conference of the Parties serving as the meeting of the Parties to the Paris Agreement,

Recalling Article 10 of the Paris Agreement,

Also recalling decision 1/CP.21, paragraphs 66 and 68, and decisions 15/CMA.1, 8/CMA.2, 15/CMA.3 and 19/CMA.4,

1. *Welcomes* the joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network for 2023¹ and the progress of the implementation of the joint work programme of the Technology Mechanism for 2023–2027² and the technology framework;

¹ FCCC/SB/2023/3.

² Available at <https://unfccc.int/ttclear/tec/workplan>.



2. *Also welcomes* the enhanced coordination and collaboration between the Technology Executive Committee and the Climate Technology Centre and Network, including through their adoption of new and improved modalities of work for advancing implementation of the joint work programme of the Technology Mechanism for 2023–2027 across their joint activities, including releasing the 2023 edition of their joint publication on technology and nationally determined contributions,³ and common areas of work;⁴
3. *Invites* the Technology Executive Committee and the Climate Technology Centre and Network to continue efforts to enhance the exchange of systematic feedback on their work, including by the Technology Executive Committee taking into consideration lessons learned in relation to the provision of technical assistance by the Climate Technology Centre and Network, and the Climate Technology Centre and Network taking into consideration the policy recommendations of the Technology Executive Committee in providing technical assistance to support implementation of the Paris Agreement;
4. *Welcomes* the engagement of the Technology Executive Committee and the Climate Technology Centre and Network with national designated entities to provide technical and logistical support to them,⁵ including through regional forums for national designated entities, and *invites* the Technology Executive Committee and the Climate Technology Centre and Network to report on the progress of the support provided;
5. *Also invites* Parties to explore ways of enhancing the provision of technical and logistical support to their national designated entities and improving national-level coordination, including of national designated entities with operational focal points of the Global Environment Facility, national designated authorities of the Green Climate Fund, and designated authorities and national implementing entities of the Adaptation Fund;
6. *Notes* the Technology Mechanism initiative on artificial intelligence for climate action,⁶ the aim of which is to explore the role of artificial intelligence as a technological tool for advancing and scaling up transformative climate solutions for mitigation and adaptation action in developing countries, with a focus on the least developed countries and small island developing States, while also addressing the challenges and risks posed by artificial intelligence, such as energy consumption, data security and the digital divide;
7. *Requests* the Technology Executive Committee and the Climate Technology Centre and Network to implement the initiative referred to in paragraph 6 above in a manner that gives special attention to the capacity needs for its use and consider how it can support the implementation of technology needs assessment outcomes and the joint work programme of the Technology Mechanism for 2023–2027;
8. *Also requests* the Technology Executive Committee and the Climate Technology Centre and Network to enhance awareness of artificial intelligence and its potential role in, as well as its impacts on, the implementation of the outcomes of technology needs assessments and the joint work programme of the Technology Mechanism for 2023–2027;
9. *Notes* the insufficient transfer and deployment of technology in developing countries, *encourages* the Technology Executive Committee and the Climate Technology Centre and Network to continue collaborating with the operating entities of the Financial Mechanism and relevant financial institutions with a view to enhancing the capacity of developing countries to prepare project proposals and facilitating their access to available funding for technology development and transfer and to implement the results of their technology needs assessments and technical assistance of the Climate Technology Centre and Network, and strengthening the transfer and deployment of technology, and *calls for* regional balance in this work;

³ UNFCCC. 2023. Technology and Nationally Determined Contributions. Stimulating the Uptake of Technologies in Support of Nationally Determined Contribution Implementation. Available at <https://unfccc.int/tclear/tec/techandndc.html>.

⁴ Namely national systems of innovation, water–energy–food systems, energy systems, buildings and resilient infrastructure, business and industry, and technology needs assessments.

⁵ Decision 20/CMA.4, para. 7.

⁶ See https://unfccc.int/tclear/acl_users/MultiPAS/artificial_intelligence.

10. *Commends* the Technology Executive Committee and the Climate Technology Centre and Network on their continued efforts to mainstream gender considerations in the implementation of the joint work programme of the Technology Mechanism for 2023–2027, including the launch of the global roster of gender and climate change technology experts⁷ and the endorsement of the Climate Technology Centre and Network gender policy and action plan, and *invites* them to continue mainstreaming gender considerations in their work;
11. *Notes with appreciation* the information prepared by the Technology Executive Committee and the Climate Technology Centre and Network on their action taken in response to the mandates from the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement at its fourth session and the subsidiary bodies at their fifty-seventh sessions⁸ and *invites* the Technology Executive Committee and the Climate Technology Centre and Network to provide such information in their joint annual reports;
12. *Expresses appreciation* for the voluntary financial and other contributions received for the work under the Technology Mechanism and *encourages* the provision of enhanced support for that work through financial and other resources;
13. *Notes with concern* that gender balance in the composition of the Technology Executive Committee and the Advisory Board of the Climate Technology Centre and Network has not yet been achieved;
14. *Welcomes* the finalization of the Climate Technology Centre and Network resource mobilization and partnership strategy for 2023–2027,⁹ which has the aim of diversifying the resources of the Climate Technology Centre and Network and ensuring its funding is adequate, predictable and flexible;
15. *Encourages* the Climate Technology Centre and Network, its host the United Nations Environment Programme, and the UNFCCC secretariat to collaborate on resource mobilization to ensure effective implementation of the joint work programme of the Technology Mechanism for 2023–2027 and *requests* the Technology Executive Committee and the Climate Technology Centre and Network to include information on the progress of their efforts in their next joint annual report;
16. *Acknowledges* the role of the Climate Technology Centre and Network partnership and liaison office in enhancing interaction among national designated entities and with the Green Climate Fund, and in providing technical support to developing countries across the core service areas of the Climate Technology Centre and Network and *requests* the Climate Technology Centre and Network to include information on the major outcomes of and lessons learned by its partnership and liaison office in its annual reports;
17. *Notes with concern* that securing funding for implementing the mandates of the Technology Mechanism and its joint work programme for 2023–2027 remains a challenge, especially for the Climate Technology Centre and Network, and *encourages* the provision of enhanced support.

⁷ See <https://www.ctc-n.org/network/gender-climate-expert-roster>.

⁸ See the document entitled “Responses from the TEC and the CTCN to guidance from Parties in 2023”, available at <https://unfccc.int/ttclear/tec/documents.html> (under annual reports and related documents).

⁹ See Climate Technology Centre and Network Advisory Board document AB/2023/22/22.1, available at <https://www.ctc-n.org/calendar/events/22nd-ctcn-advisory-board-meeting> (under documents).