

DRAFT TEXT

on

SBI 59 agenda item 15 / SBSTA 59 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

Version 3/12/2023 6:00

Draft decision -/CP.28

Enhancing climate technology development and transfer through the Technology Mechanism

The Conference of the Parties,

Recalling decisions 2/CP.17, 1/CP.21, 15/CP.22, 21/CP.22, 15/CP.23, 12/CP.24, 13/CP.24, 14/CP.25, 9/CP.26 and 18/CP.27,

1. *[Welcomes][Notes]* the joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network for 2023¹ and the progress of the implementation, *despite resource constraints*, of the joint work programme of the Technology Mechanism for 2023–2027,² which was guided by the findings of the Sixth Assessment Report of the IPCC;

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 and common areas of work³ *that respond to previous decisions calling for greater synergies and coherence in the implementation of Technology Mechanism activities*;

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 through 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;

3bis Encourages close collaboration between the Technology Executive Committee and the Climate Technology Centre and Network to promote national systems of innovation and innovative technologies in water–food–energy systems, and advance work across other common areas of work, as stipulated in the joint work programme of the Technology Mechanism for 2023–2027;

4. *Welcomes* the engagement of the Technology Executive Committee and the Climate Technology Centre and Network with organizations and stakeholders, both within and outside the UNFCCC, including the COP 28 Presidency, aimed at raising awareness and visibility of the joint work programme of the Technology Mechanism for 2023–2027 and cultivating collaborative partnerships for its implementation [, including through the Technology Mechanism initiative on artificial intelligence for climate action⁴];

¹ FCCC/SB/2023/3.

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

³ Namely national systems of innovation, water–energy–food systems, energy systems, buildings and resilient infrastructure, business and industry, and technology needs assessments.

⁴ See https://unfccc.int/ttclear/acl_users/MultiPAS/artificial_intelligence.

4bis Welcomes with appreciation the Technology Mechanism initiative on artificial intelligence for climate action⁵ and encourages Parties and interested stakeholders to engage in the development and implementation of the initiative;

5. *Also 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, including through regional forums for national designated entities, and invites the Technology Executive Committee and the Climate Technology Centre and Network to enhance technical and logistical support to national designated entities and to [include, in their annual reports, information on challenges faced and lessons learned in doing so] [report on that engagement];*

6. *Also invites Parties to explore ways of systematically enhancing the technical and logistical support to their national designated entities and improving national-level coordination, including among Global Environment Facility operational focal points and national designated authorities for the Green Climate Fund;*

7. *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 endorsement of the Climate Technology Centre and Network gender policy and action plan, and their finalization of the global roster of gender and climate change technology experts and invites them to continue mainstreaming gender considerations in their work;*

8. *Notes with concern the insufficient transfer and deployment of technology on the ground and 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 actors 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;*

9. *Also encourages the Technology Executive Committee and the Climate Technology Centre and Network to enhance their monitoring and evaluation systems with a view to ensuring alignment with their work under the joint work programme of the Technology Mechanism for 2023–2027;*

10. *Notes with appreciation the information provided on action taken by the Technology Executive Committee and the Climate Technology Centre and Network in the light of mandates from the Conference of the Parties at its twenty-seventh session and the subsidiary bodies at their fifty-seventh sessions⁶ and invites the Technology Executive Committee and the Climate Technology Centre and Network to provide such information in their annual reports;*

11. *Expresses appreciation for the voluntary financial contributions received for the work under the Technology Mechanism and encourages the provision of enhanced support for that work through financial and other resources;*

12. *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 and encourages Parties to take steps to achieve gender-balanced membership of the Technology Executive Committee and the Advisory Board of the Climate Technology Centre and Network by nominating more female candidates;*

12bis Encourages the secretariats supporting the Technology Executive Committee and the Climate Technology Centre and Network to collaborate more closely, particularly on resource mobilization, to ensure effective implementation of the joint work programme of the Technology Mechanism for 2023–2027;

⁵ See https://unfccc.int/tcclear/acl_users/MultiPAS/artificial_intelligence.

⁶ See the document entitled “Responses from the TEC and the CTCN to guidance from Parties in 2023” at <https://unfccc.int/tcclear/tec/documents.html> (under annual reports and related documents).

I. Activities and performance of the Technology Executive Committee

13. *Welcomes* the progress of the Technology Executive Committee in implementing its 2023–2027 rolling workplan⁷ and the action taken by the Technology Executive Committee to increase the transparency and the diversity and inclusiveness of views in the implementation of its work;

14. *Invites* Parties and stakeholders working on technology development and transfer to take into account the key messages of the Technology Executive Committee on national systems of innovation and on innovative technologies and integrated adaptation solutions in ocean and coastal zones, and consider implementing its recommendations thereon⁸ **including to mobilize resources and build the capacity of local actors and institutions in strengthening national systems of innovation, particularly in developing countries;**

15. *Also invites* the Technology Executive Committee to continue to strengthen its **visibility and its outreach to and engagement with Parties, including through their respective national designated entities, UNFCCC constituted bodies,** policymakers, practitioners and other stakeholders, for example by providing translations of its products, **subject to the availability of financial resources;**

16. *[Encourages* the Technology Executive Committee to engage with bodies and in processes and initiatives under and outside the UNFCCC, including the ocean and climate change dialogue⁹ and the Early Warnings for All initiative,¹⁰ to ensure coherence and synergy of efforts in the areas of innovation and technology development and transfer;

16bis Takes note that the CMA encourages the Technology Executive Committee to also engage in the Sharm el-Sheikh mitigation ambition and implementation work programme,¹¹ the work programme on just transition pathways referred to in the relevant paragraphs of decision 1/CMA.4]

17. *Invites* the Technology Executive Committee to further inform its work on technology needs assessments by soliciting relevant insight and lessons learned from the technical assistance provided by the Climate Technology Centre and Network;

II. Activities and performance of the Climate Technology Centre and Network

18. *Welcomes* the progress of the Climate Technology Centre and Network in implementing its third programme of work, for 2023–2027,¹² [and *takes note* of operational challenges, including those related to resource and staffing limitations];

18bis Welcomes the action taken in response to the second independent review of the Climate Technology Centre and Network¹³ and encourages the Climate Technology Centre and Network to continue implementing relevant recommendations and report on progress in its next annual report;

19. *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 *[invites]/[requests]* the Climate Technology Centre and Network to include information on the **[major outcomes**

⁷ Available at <https://unfccc.int/ttclear/tec/workplan>.

⁸ See document FCCC/SB/2023/3, paras. 46–50.

⁹ For information on the ocean and climate change dialogue in 2023, see <https://unfccc.int/event/ocean-and-climate-change-dialogue-2023-day-1>.

¹⁰ See <https://earlywarningsforall.org>.

¹¹ See <https://unfccc.int/topics/mitigation/workstreams/mitigation-work-programme>.

¹² Available at <https://www.ctc-n.org/resources/ctcn-third-programme-work-2023-2027>.

¹³ As in footnote 6.

and] achievements of and lessons learned by its Partnership and Liaison Office in its annual reports;

20. *Encourages* Parties to align their requests for technical assistance from the Climate Technology Centre and Network with the priorities identified in their technology needs assessments and the technology enablers and areas for system transformation in the third programme of work of the Climate Technology Centre and Network;

21. *[Requests the Climate Technology Centre and Network to improve efficiency in the delivery of its technical assistance, including through enhanced use of the Green Climate Fund Readiness Programme;]*

21bis Notes with concern the lack of available data on gender outcomes and impacts from technical assistance provided by the Climate Technology Centre and Network and encourages the Climate Technology Centre and Network to include in its future annual reports outcomes and impacts related to gender equality and gender mainstreaming;

21ter Requests the Green Climate Fund Board to nominate one of the Co-Chairs of the Green Climate Fund, or a member of the Fund designated by the Co-Chairs, to participate in the meetings of the Climate Technology Centre and Network Advisory Board, in their official capacity as a representative of the Green Climate Fund Board;¹⁴

22. *Welcomes* the finalization of the Climate Technology Centre and Network resource mobilization and partnership strategy for 2023–2027¹⁵ and *requests* the Climate Technology Centre and Network to include information on its implementation thereof in its next annual report;

23. *Notes with concern the gap in funding for the work of the Climate Technology Centre and Network and encourages [UNEP, as the host of the Climate Technology Centre and Network][the Climate Technology Centre and Network] to enhance the mobilization of funding for the services of the Climate Technology Centre and Network from various sources, including public and private sector channels, operating entities of the Financial Mechanism, philanthropic sources and in-kind contributions;¹⁶*

23bis Invites the Climate Technology Centre and Network to enhance support for implementation of the outcomes of the technology needs assessments and to calculate its budget on the basis of the financial needs identified in the outcomes of the technology needs assessment and the technical assistance provided by the Climate Technology Centre and Network;

23ter Urges developed country Parties to provide predictable and secure funding for the operation of the Climate Technology Centre and Network;

23quater Requests the Subsidiary Bodies at their sixty-first session (November 2024) to initiate preparations for the review of the functions of the Climate Technology Centre pursuant to paragraphs 21–23 of annex VII to decision 2/CP.17 with a view to making a recommendation to the Conference of the Parties for consideration and adoption at its thirtieth session (November 2025).

¹⁴ As per decision 19/CP.26.

¹⁵ See Climate Technology Centre and Network Advisory Board document AB/2023/22/22.1.

¹⁶ Pursuant to decision 2/CP.17, para. 139.

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SBI 59 agenda item 15 / SBSTA 59 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

Version 3/12/2023 6:00

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][Notes]* the joint annual report of the Technology Executive Committee and the Climate Technology Centre and Network for 2023¹ and the progress of the implementation, *despite resource constraints*, of the joint work programme of the Technology Mechanism for 2023–2027,² which was guided by the findings of the Sixth Assessment Report of the IPCC;

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 work⁴ *that respond to previous decisions calling for greater synergies and coherence in the implementation the guidance contained in the technology framework*;

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 through 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. *Also invites* Parties and stakeholders working on technology development and transfer to take into account the key messages of the Technology Executive Committee and the Climate Technology Centre and Network on technology and nationally determined contributions and consider implementing their recommendations thereon;⁵

4bis Encourages close collaboration between the Technology Executive Committee and the Climate Technology Centre and Network to promote national systems of innovation and

¹ FCCC/SB/2023/3.

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

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 The recommendations are contained in document FCCC/SB/2023/3, annex.

innovative technologies in water–food–energy systems, and advance work across other common areas of work, as stipulated in the joint work programme of the Technology Mechanism for 2023–2027;

5. *Welcomes* the engagement of the Technology Executive Committee and the Climate Technology Centre and Network with organizations and stakeholders, both within and outside the UNFCCC, including the COP 28 Presidency, aimed at raising awareness and visibility of the joint work programme of the Technology Mechanism for 2023–2027 and cultivating collaborative partnerships for its implementation[, including through the Technology Mechanism initiative on artificial intelligence for climate action⁶];

5bis Welcomes with appreciation the Technology Mechanism initiative on artificial intelligence for climate action⁷ and *encourages* Parties and interested stakeholders to engage in the development and implementation of the initiative;

6. *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 endorsement of the Climate Technology Centre and Network gender policy and action plan, and their finalization of the global roster of gender and climate change technology experts and *invites* them to continue mainstreaming gender considerations in their work;

7. *Notes with concern* the insufficient transfer and deployment of technology on the ground and *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 actors 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;

8. *Also encourages* the Technology Executive Committee and the Climate Technology Centre and Network to enhance their monitoring and evaluation systems with a view to ensuring alignment with the periodic assessment of the effectiveness and adequacy of the support provided to the Technology Mechanism;⁸

9. *Notes with appreciation* the information provided on action taken by the Technology Executive Committee and the Climate Technology Centre and Network in the light of 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 sessions⁹ and *invites* the Technology Executive Committee and the Climate Technology Centre and Network to provide such information in their annual reports;

10. *Expresses appreciation* for the voluntary financial contributions received for the work under the Technology Mechanism and *encourages* the provision of enhanced support for that work through financial and other resources;

11. *[Also encourages* the UNFCCC Global Innovation Hub to adequately and meaningfully contribute to and support the implementation of the joint work programme of the Technology Mechanism for 2023–2027 and innovation-related activities of the Technology Mechanism;]

[11alt Notes with concern that activities of the UNFCCC Global Innovation Hub in 2023 have not adequately and meaningfully contributed to and supported the implementation of the joint work programme of the Technology Mechanism for 2023–2027 and innovation-related activities, and *urges* the UNFCCC secretariat to ensure that Global Innovation Hub

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

⁷ See https://unfccc.int/tclear/acl_users/MultiPAS/artificial_intelligence.

⁸ Referred to in paragraph 69 of decision 1/CP.21.

⁹ See the document entitled “Responses from the TEC and the CTCN to guidance from Parties in 2023” at <https://unfccc.int/tclear/tec/documents.html> (under annual reports and related documents).

activities are complementary and support the implementation of the joint work programme under the direction of the Technology Executive Committee;]

12. *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;

12bis Encourages the secretariats supporting the Technology Executive Committee and the Climate Technology Centre and Network to collaborate more closely, particularly on resource mobilization, to ensure effective implementation of the joint work programme of the Technology Mechanism for 2023–2027;

I. Activities and performance of the Technology Executive Committee

13. *Welcomes* the progress of the Technology Executive Committee in implementing its 2023–2027 rolling workplan¹⁰ and the action taken by the Technology Executive Committee to increase the transparency and the diversity and inclusiveness of views in the implementation of its work;

14. *Invites* Parties and stakeholders working on technology development and transfer to take into account the key messages of the Technology Executive Committee on national systems of innovation and on innovative technologies and integrated adaptation solutions in ocean and coastal zones, and consider implementing its recommendations thereon¹¹ *including to mobilize resources and build the capacity of local actors and institutions in strengthening national systems of innovation, particularly in developing countries;*

15. *Also invites* the Technology Executive Committee to continue to strengthen its *visibility and its* outreach to and engagement *with Parties, including through UNFCCC constituted bodies*, policymakers, practitioners and other stakeholders, for example by providing translations of its products, *subject to the availability of financial resources;*

16. *[Encourages* the Technology Executive Committee to engage with bodies and in processes and initiatives under and outside the UNFCCC, including the Sharm el-Sheikh mitigation ambition and implementation work programme,¹² the work programme on just transition pathways referred to in the relevant paragraphs of decision 1/CMA.4, and the Early Warnings for All initiative,¹³ to ensure coherence and synergy of efforts in the areas of innovation and technology development and transfer;

16bis Takes note that the COP encourages the Technology Executive Committee to also engage in the ocean and climate change dialogue;^{14]}

17. *Invites* the Technology Executive Committee to further inform its work on technology needs assessments by soliciting relevant insight and lessons learned from the technical assistance provided by the Climate Technology Centre and Network, and to consider, in 2024, possible synergies between the technology needs assessment process and the enhanced transparency framework;

17bis [Encourages the Technology Executive Committee to consider, in 2024, the scope and elements of its contribution to the technical assessment of the second global stocktake under the Paris Agreement¹⁵ with a view to assist a comprehensive assessment of technology development and transfer, aligned with the goals of the Paris Agreement and the Convention;]

¹⁰ Available at <https://unfccc.int/ttclear/tec/workplan>.

¹¹ See document FCCC/SB/2023/3, paras. 46–50.

¹² See <https://unfccc.int/topics/mitigation/workstreams/mitigation-work-programme>.

¹³ See <https://earlywarningsforall.org>.

¹⁴ For information on the ocean and climate change dialogue in 2023, see <https://unfccc.int/event/ocean-and-climate-change-dialogue-2023-day-1>.

¹⁵ Pursuant to the provisions in paragraph 24, decision 19/CMA.1.

II. Activities and performance of the Climate Technology Centre and Network

18. *Welcomes* the progress of the Climate Technology Centre and Network in implementing its third programme of work, for 2023–2027,¹⁶ [and *takes note* of operational challenges, including those related to resource and staffing limitations];

19. *Acknowledges* the role of the Climate Technology Centre and Network Partnership and Liaison Office in enhancing interaction 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 [invites][requests] the Climate Technology Centre and Network to include information on the [major outcomes and] achievements of and lessons learned by its Partnership and Liaison Office in its annual reports;

20. *Encourages* Parties to align their requests for technical assistance from the Climate Technology Centre and Network with the priorities identified in their technology needs assessments and the technology enablers and areas for system transformation areas in the third programme of work of the Climate Technology Centre and Network;

21. [Requests the Climate Technology Centre and Network to enhance efficiency in the delivery of its technical assistance, including through enhanced use of funding opportunities through the Adaptation Fund and the Green Climate Fund;]

21bis *Notes* with concern the lack of available data on gender outcomes and impacts from technical assistance provided by the Climate Technology Centre and Network and *encourages* the Climate Technology Centre and Network to include in its future annual reports outcomes and impacts related to gender equality and gender mainstreaming;

22. *Welcomes* the finalization of the Climate Technology Centre and Network resource mobilization and partnership strategy for 2023–2027¹⁷ and *requests* the Climate Technology Centre and Network to include information on its implementation thereof in its next annual report;

23. *Notes with concern* the gap in funding for the work of the Climate Technology Centre and Network and *encourages* [UNEP, as the host of the Climate Technology Centre and Network][the Climate Technology Centre and Network] to enhance the mobilization of funding for the services of the Climate Technology Centre and Network from various sources, including public and private sector channels, *operating entities of the Financial Mechanism*, philanthropic sources and in-kind contributions;¹⁸

23bis *Invites* the Climate Technology Centre and Network to enhance support for implementation of the outcomes of the technology needs assessments and to calculate its budget on the basis of the financial needs identified in the outcomes of the technology needs assessment and the technical assistance provided by the Climate Technology Centre and Network;

23ter *Urges* developed country Parties to provide predictable and secure funding for the operation of the Climate Technology Centre and Network;

23quater *Requests* the Subsidiary Bodies at their sixty-first session (November 2024) to initiate preparations for the review of the functions of the Climate Technology Centre pursuant to paragraphs 21–23 of annex VII to decision 2/CP.17 with a view to making a recommendation to the Conference of the Parties for consideration and adoption at its thirtieth session (November 2025).

¹⁶ Available at <https://www.ctc-n.org/resources/ctcn-third-programme-work-2023-2027>.

¹⁷ See Climate Technology Centre and Network Advisory Board document AB/2023/22/22.1.

¹⁸ Pursuant to decision 2/CP.27, para. 139.