



Technology Executive Committee

25 August 2026

Thirty-third meeting

15–18 September 2026 (18 September 2026 TEC-CTCN Advisory Board Joint Session)

Draft strategic roadmap for developing the next rolling workplan of the Technology Executive Committee

Cover note

A. Background

1. The Technology Executive Committee (TEC) is the policy arm of the Technology Mechanism, that provides policy guidance and supports enhanced action on technology development and transfer for climate change mitigation and adaptation. Through its rolling workplan, the TEC operationalizes mandates by translating guidance from the COP and the CMA into strategic activities, policy recommendations, knowledge products and collaborative engagement.
2. At TEC 31, the TEC requested the Chair and Vice-Chair to develop a scoping note for the next rolling workplan, including key challenges and lessons learned during implementation of the TEC rolling workplan for 2023–2027.
3. At TEC 32, the TEC considered the scoping note and agreed to the proposal of the Chair and Vice-Chair to prepare a draft strategic roadmap for the development of the next TEC rolling workplan, reflecting comments shared by TEC members at TEC 32 and proposing a process and timeline for the finalization of the next rolling workplan by TEC 35.
4. The TEC also requested the Chair and Vice-Chair to incorporate aspects of the TEC's engagement with the NDEs in the strategic roadmap for the development of the next rolling workplan.

B. Scope of the note

5. The annex to this note contains the draft strategic roadmap for developing the next rolling workplan of the Technology Executive Committee.

C. Possible actions by the Technology Executive Committee

6. The TEC will be invited to consider and provide guidance on the draft strategic roadmap for developing the next rolling workplan of the TEC as contained in the annex.

Annex

Draft strategic roadmap for developing the next rolling workplan of the Technology Executive Committee

1. Mandate and purpose

1.1 Mandate

1. At TEC 32, the Technology Executive Committee (TEC) agreed to the proposal of the Chair and Vice-Chair to prepare a draft strategic roadmap for the development of the next TEC rolling workplan for consideration at TEC 33, reflecting comments shared by TEC members at TEC 32 and proposing a process and timeline for finalizing the next rolling workplan by TEC 35. The TEC also requested the Chair and Vice-Chair to incorporate aspects of the TEC's engagement with the NDEs in the strategic roadmap for the development of the next rolling workplan.

1.2 Purpose

2. This strategic roadmap is intended to guide the development of the next rolling workplan for finalization at TEC 35 in September 2027. Specifically, it proposes a transparent approach that includes:
 - a) Overall framing of the next TEC rolling workplan;
 - b) Strategic objectives for the rolling workplan;
 - c) A process to identify the actions and activities;
 - d) A process to develop certain operating modalities;
 - e) A timeline for preparing, consulting on, and adopting the next TEC rolling workplan.

2. Overall framing of the next TEC rolling workplan

2.1 Role of the TEC

3. The TEC plays a central role in providing strategic policy guidance on technology development and transfer under the Convention and the Paris Agreement. Through its rolling workplans, the TEC translates guidance from the COP and the CMA into activities that support the development, deployment and transfer of climate technologies.
4. This role is grounded in the six core functions adopted by COP 16 in decision 1/CP.16: analysis and synthesis; policy recommendations; facilitation and catalysing; linkages with other institutional arrangements; stakeholder engagement; and information and knowledge-sharing. It is also grounded in the modalities and procedures adopted by COP 17 in decision 4/CP.17, which operationalized the TEC.
5. Building on this mandate, the Technology Framework under the Paris Agreement provides overarching guidance for the work of the Technology Mechanism, including the TEC, in supporting the implementation of Article 10. Its five mutually reinforcing themes: innovation, implementation, enabling environment and capacity-building, collaboration and stakeholder engagement, and support, offer a strategic structure for organizing priorities, identifying activities and assessing progress under the rolling workplan.
6. Within this strategic structure, the adoption of the Belém Technology Implementation Programme (BTIP) (decision 18/CMA.7) marks an important evolution in the work of the Technology Mechanism by placing renewed emphasis on implementation, collaboration and impact. The BTIP therefore guides the elaboration of the next TEC rolling workplan by further translating the Technology Framework into focused, practical and impact-oriented activities.
7. The BTIP therefore provides a decisive impetus for accelerating climate technology implementation while strengthening the overall impact of the Technology Mechanism.

2.2. Modalities

8. In developing successive rolling workplans, the TEC has progressively refined the modalities through which it delivers its activities and outputs. These modalities provide the operational basis for translating COP and CMA guidance, the Technology Framework and the BTIP into practical work under the Committee's mandate and may therefore provide useful lessons for the preparation of the next rolling workplan. Current implementation modalities include:
 - a) Open-ended activity groups and taskforces;
 - b) Preparation of knowledge products;
 - c) Preparation of key messages and recommendations to the COP and the CMA;
 - d) A communication and outreach strategy;
 - e) Collaborative partnerships and engagement;
 - f) Engagement with the national designated entities.
9. To support the implementation of the rolling workplan, the TEC may wish to consider continuing and improving its existing implementation arrangements, which facilitate coordinated delivery across the priority areas and the five themes of the Technology Framework.

2.3 Framing the rolling workplan around the Technology Framework

10. The Technology Framework provides the overarching framework for guiding the work of the Technology Mechanism under the Paris Agreement. Accordingly, this strategic roadmap proposes that the next TEC rolling workplan be organized around its five key themes: innovation, implementation, enabling environment and capacity-building, collaboration and stakeholder engagement, and support.
11. Organizing the workplan in this manner would provide a durable and coherent structure for translating the TEC's mandate into activities while maintaining continuity across successive rolling workplans. It would also facilitate the periodic assessment of the Technology Mechanism, which is structured around the five themes of the Technology Framework. At the same time, it would retain sufficient flexibility for the thematic focus of the workplan to evolve in response to new mandates, emerging technologies and the changing priorities and needs of Parties.
12. Against this background, this strategic roadmap proposes an approach for preparing the next rolling workplan that is firmly anchored in the Technology Framework, advances the objectives of the BTIP, responds to evolving guidance from the COP and the CMA, and remains sufficiently flexible to address new mandates, emerging technologies, evolving priorities and the implementation needs of Parties throughout the workplan cycle.

3. Strategic objectives of the rolling workplan

13. As requested by the Parties in the Technology Framework of the Paris Agreement and the BTIP, the overall goal of the TEC workplan is to accelerate the development and implementation of mitigation and adaptation technologies as well as technologies which address both mitigation and adaptation. To that end, the elaboration of the next workplan shall abide by the following strategic objectives, based on each of the main themes of the Technology Framework:
 - a) Continue to foster technological **innovation**;
 - b) Enhance the facilitation of the **implementation** of climate technologies;
 - c) Address gaps in policy guidance on **policy and regulatory environments and capacity-building** that can accelerate the deployment of climate technologies;

- d) Enhance the **collaboration with, and engagement of, stakeholders** in TEC activities;
 - e) Reinforce the mobilization of **support** provided to developing countries for the implementation of Article 10 of the Paris Agreement.
14. At its 32nd meeting, the TEC decided to conduct mapping exercises¹ and analytical work on the BTIP mandate to inform the development of its next rolling workplan. This work confirms that the BTIP brings new impetus to all five elements of the Technology Framework. Implementation is mainstreamed across the TEC rolling workplan, the joint work programme, and monitoring and evaluation. In particular, the BTIP enhances collaboration and stakeholder engagement, including through global and regional dialogues, and reinforces support provided to developing country Parties for implementation. These five strategic objectives express the renewed impetus provided by the BTIP mandate.

4. Identification and selection of actions and activities

15. The identification of actions and activities for the next rolling workplan will follow a structured approach that links the strategic objectives set out in section 3 with the functions of the TEC, while ensuring the systematic implementation of the most recent mandates assigned to the TEC under the BTIP.
16. The BTIP mapping undertaken by the TEC will serve as a practical tool to facilitate the identification of specific actions and activities that collectively address the full range of mandates assigned to the TEC, including those under the BTIP.
17. The resulting potential actions and activities should subsequently be assessed and prioritized against the following criteria:
- a) Alignment with one or more elements of the Technology Framework;
 - b) Contribution to advancing the objectives and elements of the BTIP;
 - c) Responsiveness to technology priorities and implementation needs identified by Parties, including through NDCs, NAPs, TNAs and LT-LEDs;
 - d) Addressing gaps in strategic policy guidance on climate technology;
 - e) Building on the latest findings of the IPCC;
 - f) Potential to generate practical policy guidance and knowledge products;
 - g) Opportunities to strengthen collaboration across the Technology Mechanism and with other relevant institutional arrangements and stakeholders; and
 - h) Complementarity with the mandates and work of other constituted bodies and relevant organizations.

5. Development of the TEC operational modalities to deliver the strategic objectives of the rolling workplan

18. Based on discussions at TEC meetings, certain modalities for implementing the TEC workplan will be clarified and further developed to enhance their impact. The TEC modalities concerned are presented below in relation to relevant TEC functions and areas of work:
- a) **Modality 1:** Analysis and synthesis
 - i) Ensure the use of a broader knowledge base
 - ii) Develop guidelines for the TEC products

¹ See document TEC/2026/33/14.

- b) **Modality 2:** Policy recommendations
 - i) Develop guidelines for the preparation of TEC policy recommendations, including for key messages and recommendations to the COP and CMA.
 - c) **Modality 3:** Linkages with other relevant institutional arrangements
 - i) Promote coherence across the Technology Mechanism, including by strengthening cooperation with the CTCN
 - ii) Strengthening collaboration with other constituted bodies and work programmes under UNFCCC
 - iii) Strengthening inputs to the SCF on draft guidance to the operating entities of the Financial Mechanism as well as to GCF strategic plans and GEF replenishment cycles
 - iv) Strengthening the engagement with NDEs
 - d) **Modality 4:** Linkages with other relevant stakeholders
 - i) Strengthening partnerships – including promotional activities
 - ii) Strengthening the engagement of stakeholders
19. Certain cross-cutting considerations could also be developed:
- a) Activity groups and joint taskforces
 - i) Aim to reduce the number of activity groups and joint taskforces in the next workplan, with a maximum of 10 groups
 - b) Monitoring and evaluation.

6. Timeline for preparing, consulting on and adopting the next TEC rolling workplan

20. The preparation of the next TEC rolling workplan is envisaged as a phased process spanning three regular TEC meetings between September 2026 and September 2027. The process should enable the TEC to progressively develop, review and adopt the workplan through iterative discussions informed by guidance from the COP and the CMA, implementation experience, and consultations with the CTCN and other relevant partners and stakeholders.

6.1. Process for consultation

21. A consultative process, undertaken in a step-wise approach, would enable the TEC to gather early inputs, test approaches with relevant actors, and progressively inform and refine the design of its next rolling workplan. The process could begin with targeted bilateral consultations led by the Chair and Vice-Chair to identify the strategic priorities of relevant stakeholders:
- a) CTCN Advisory Board Chairs;
 - b) CTCN Director;
 - c) UNFCCC Global Climate Action Agenda coordinators;
 - d) Chairs of UNFCCC processes (e.g. MWP, JTWP) and leadership of other constituted bodies (e.g. PCCB, SCF, AC);
 - e) Representatives of IFIs/MDBs;
 - f) IPCC Assessment Report and Special Report chapter leads; and
 - g) other relevant institutions, processes and stakeholders, as identified by the TEC.

22. These early consultations could build on discussions already initiated by the TEC Chair and Vice-Chair, including bilateral exchanges held on the margins of SB 64 with the operating entities of the Financial Mechanism and the Adaptation Fund.

6.2 Timeline and next steps

23. The table below illustrates the proposed sequence of stages leading to the adoption of the next TEC rolling workplan.

Timeline for preparing the next rolling workplan

Stage	Timing	Key actions
1. Strategic orientation	TEC 33 (Sep 2026)	• Discuss the strategic roadmap: - Framing, strategic objectives, processes and timelines; - Ensuring compatibility with the TEC mandates, including the BTIP.
2. Development of a draft workplan	Intersessional Period (Oct 2026–Mar 2027)	• Launch the identification of actions and activities • Consult stakeholders • Develop draft activities • Prepare: - First draft rolling workplan; - Guidance on call for partnerships.
3. Strategic review	TEC 34 (Apr 2027)	• Review first draft rolling workplan, including actions and activities • Consider TEC modalities for implementation • Provide guidance on call for partnerships
4. Call for partnerships and revision and finalization	Intersessional period (May–Aug 2027)	• Launch call for partnerships and consultations with stakeholders for inputs to the rolling workplan • Finalize activities and outputs • Confirm institutional coherence • Prepare communications and outreach activities • Prepare common standards for TEC products; • Prepare the monitoring and evaluation framework
5. Finalization	TEC 35 (Sept 2027)	• Review final draft • Confirm implementation arrangements • Adopt next TEC rolling workplan

6.3 Considerations by the TEC

24. Which stakeholders should be prioritized for bilateral consultations and wider engagement, and at what stages of the roadmap and workplan development process should they be engaged to provide inputs, validate emerging priorities, identify opportunities for collaboration and support dissemination and follow-up?
25. Is the proposed timeline and next steps agreeable and what refinements may be considered?