



Technology Executive Committee

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Draft strategy for collaborative partnerships and engagement in the implementation of the TEC rolling workplan for 2023–2027

Cover note

I. Background

1. Since the establishment of the TEC, engagement of stakeholders has been a key element in its modalities of work (Decision 4/CP.17). Technology Framework of the Paris Agreement points to “Collaboration and Stakeholder Engagement” as one of the key themes aimed to enhance interaction among those involved in the development and transfer of climate technology and help share knowledge and mobilize support (Decision 15/CMA.1). The TEC has dedicated a specific workstream to this topic in its workplans for 2019–2022 and 2023–2027.

2. At TEC23, the task force on collaboration and stakeholder engagement was requested to prepare a strategy to strengthen TEC collaboration and engagement with relevant stakeholders. At TEC24, the secretariat presented an overview of the current approaches of the TEC to collaboration and stakeholder engagement, including challenges and lessons learned from implementing the current TEC workplan. The three challenges identified in this exercise were:

- (a) Short-term engagements and lack of continuity;
- (b) Limitations to pro-bono engagement of volunteer experts, and
- (c) Limited resources for stakeholder engagement.

3. At TEC24, the TEC requested the task force on collaboration and stakeholder engagement to initiate work on a strategy for collaboration and stakeholder engagement by identifying guiding principles, to be developed in conjunction with the new TEC workplan.

4. At TEC25, the TEC agreed on its rolling workplan for 2023–2027,¹ as part of the first joint work programme of the Technology Mechanism.² Under this workplan, the TEC pursues “stakeholder engagement” as a key consideration in carrying out its work by inviting participation of representatives from admitted observer organisations and UNFCCC constituency groups in its task forces, and through partnerships and collaborations with interested institutions and organisations.

5. At COP27 (Decision -/CP.27),³ Parties welcomed the joint work programme of the Technology Mechanism and provided guidance to the TEC in conducting its work, including specific guidance on stakeholder engagement. Parties invited the TEC (and CTCN) to:

- (a) Pursue collaborative partnerships and strategic engagement with bodies, processes and initiatives under and outside the Convention, including in the private sector, with a view to facilitating the implementation of all activities under the joint work programme;
- (b) Strengthen systematic engagement with the NDEs.

6. Following this guidance, two documents are prepared by the secretariat, to inform the strategic discussions of the TEC with regard to stakeholder engagement in the implementation of its

¹ [TEC rolling work plan 2023–2027](#).

² [Joint Work Programme of the UNFCCC Technology Mechanism for 2023–2027](#).

³ See the [advanced unedited version of the decision](#) (available at the date of publication of this document).

rolling workplan for 2023-2027 at TEC26. One note is focused on the strategic engagement with NDEs (TEC/2023/26/4), and the current note focuses on collaborative partnerships and engagement.

II. Scope of the note

7. The annex to this note is prepared to inform the discussions of the TEC with regard to collaborative partnerships and engagement in the implementation of its 2023–2027 workplan, and support, guide and enhance the related efforts.

III. Expected action by the Technology Executive Committee

8. The TEC will be invited to consider the draft strategy for collaborative partnerships and engagement in the implementation of the TEC rolling workplan for 2023–2027 contained in the annex.

9. While discussing the issue, the TEC may wish to consider the following guiding questions and provide guidance on further work on this matter:

(a) Are the suggested guiding principles conducive to ensuring a coherent and systematic approach to collaborative partnerships across different activities and workstreams of the TEC rolling workplan for 2023–2027?

(b) What are some potential starting points and low-hanging fruits that could be built upon to advance collaborative partnerships of the TEC in the implementation of its rolling workplan for 2023-2027?

(c) What are effective means and actions for monitoring and evaluation of the progress on collaborative partnerships and engagement?

(d) Any other considerations that may enrich the draft strategy and make it a fit-for-purpose apparatus to guide the engagement of the TEC and its partners in the implementation of the TEC rolling workplan for 2023–2027.

Annex I

Draft strategy for collaborative partnerships and engagement in the implementation of the TEC rolling workplan for 2023-2027

I. Scope

1. The current document should be considered as a complementary piece to other key elements of the TEC engagement with stakeholders, namely the engagement with NDEs, and with the CTCN under the joint work programme of the Technology Mechanism. This draft strategy outlines:

(a) The main objectives of the TEC in pursuing collaborative partnerships and engagements, as well as the value the TEC brings to such partnerships (Section II);

(a) A set of guiding principles (Section III) for forging collaborative partnerships and engagements in the implementation of the TEC rolling workplan;

(b) A set of recommended steps and approaches for cultivating collaborative partnership engagement with various stakeholder group (Section IV), building on the previous experiences and lessons learned from the collaborative engagements of the TEC with partners.

2. This document will also inform (and be informed by) activities of the TEC with regard to communications and outreach, as well as its monitoring and evaluation efforts.

II. TEC objectives and value proposition in collaborative partnerships and engagement

3. In accordance with considerations its rolling workplan for 2023-2027, the TEC ought to “take a pragmatic approach” in undertaking its work. A key part of this approach is nurturing existing partnerships and developing new collaborative relationships with a broader range of stakeholders, with a view to ensure the full and effective implementation of the workplan and increase the reach and impact of TEC’s work on policies and practices on the ground. As such, the TEC looks to forge collaborative engagements with interested partners in pursuit of the following:

(a) **Knowledge partnerships for developing quality products** on issues pertinent to climate technology, including through co-creation of outputs and contributing complementary areas of expertise.

(b) **Resource partnerships (financial, human, and in-kind resources) to support substantive and logistical aspects of the TEC work**, for example hiring of expert consultants or covering the cost of resource persons’ participation and media coverage in TEC events.

(c) **Implementation partnerships**, in particular with regard to organization of technical dialogues, workshops and events of the TEC, including at the regional level.

(d) **Dissemination and outreach partnerships**, with a view to broaden the reach and visibility of TEC products to technology stakeholders across sectors and regions, including by utilizing existing networks, platforms and outlets.

(e) **Impact and legacy partnerships** with influential entities and individuals, that are in the position to enhance the impact/uptake of the TEC work on the ground and contribute to the sustainability of its outcomes.

4. These objectives are not mutually exclusive, and one entity may be in the position to engage with the TEC in fulfilling some or all of these aspects. In return, the benefits that the TEC brings to partnerships may be summarized as follows:

(a) The TEC (and the UNFCCC at large) has an **established reputation** in the landscape of climate technology policy, and brings to the partnership its extensive **knowledge of and experience** with climate technology policy and action;

(b) The TEC has a strong **convening power and global outreach** to Party and non-Party stakeholders of the UNFCCC, and contributes to **setting international agendas** on climate technology;

(c) Partnerships with the TEC provide opportunities **to engage in technology-related efforts under the UNFCCC and Paris Agreement**, including through interactions of the TEC with other relevant bodies, entities, processes and networks.

III. Guiding principles

5. TEC collaborative efforts and partnerships should fit the purpose of the Joint Work Programme of the Technology Mechanism,⁴ and adhere to the guiding principles outlined under the TEC rolling workplan for 2023-2027.⁵ Collaborative partnerships and engagement of the TEC should:

(a) Be in **alignment with UNFCCC's values, priorities and processes** and in **adherence with the UNFCCC Partnership Guidelines**,⁶ and the principles outlined therein;

(b) Be **relevant** to the work of the TEC and the Technology Mechanism,⁷ and contribute to advancing the **climate technology agenda under the UNFCCC, the Paris Agreement and its technology framework**;

(c) Have **specific outputs, measurable results**,⁸ **timely action, clear roles and responsibility** of partners in undertaking the work, and mechanisms for **feedback seeking, learning and improvement**;

(d) Be **pragmatic**⁹ in the use of time and resources, and yield **mutual benefits** for the TEC and its partners, defined within the parameters of the TEC workplan and its mandate;

(e) Be **inclusive**¹⁰ and **take diversity into account** when engaging with different stakeholder groups across sectors and regions who may be in the position to contribute to the effective implementation of TEC's work and/or benefit from it;

(f) Be **programmatic and sustainable**, strengthen the **impact and visibility** of TEC's work among relevant stakeholders; foster **cross-fertilization** across different activities of a workstream, among various workstreams and between the workplan of the TEC and the CTCN programme of work, and enable **mid- to long-term collaborations**¹¹ with lasting results.

IV. Approaches and avenues for cultivating collaborative partnerships

6. In line with the guiding principles listed in section III, in consistence with the mandate of the TEC and its partners, and within the parameters of the TEC rolling workplan for 2023-2027, the TEC strives to ensure the full implementation of its workplan through efficient and effective collaborations and partnerships. In doing so, the TEC will take a step-wise approach in pursuing collaborative partnerships, whether on the activity, thematic, or programmatic basis, to promote learning, innovation, and continuous improvements over time, and ensure timely and fit-for-purpose adjustments to its approach in the face of emerging priorities and mandates (Figure 1).

⁴ See the [first joint work programme of the Technology Mechanism](#), Section A.

⁵ See the guiding principles contained in the [TEC rolling workplan for 2023-2027](#).

⁶ See the [UNFCCC Partnership Guidelines](#).

⁷ See the guidance provided to the Technology Mechanism by COP and CMA with regard to collaborative partnerships (para 5): [Decision -/CP.27](#), [Decision -/CMA.4](#).

⁸ In response to the guidance by the Technology Framework with regard to enhancing monitoring and evaluation of the Technology Mechanism activity: [Decision 15/CMA.1](#)

⁹ See the guiding principles contained in the [TEC rolling workplan for 2023-2027](#).

¹⁰ See the guiding principles contained in the [TEC rolling workplan for 2023-2027](#).

¹¹ In response to the challenges and lessons learned identified in the work of the TEC: [TEC/2022/24/8](#).

Figure 1
Stages in forging collaborative partnerships

Identify	<ul style="list-style-type: none"> Map a matrix of partners that fit the objectives of the TEC for collaborative partnerships across various workstreams of the workplan (section II of this document)
Engage & scope	<ul style="list-style-type: none"> Engage with potential partners and forge collaborative relations that are best aligned with the guiding principles outlined in this strategy note (section III of this document)
Define & refine	<ul style="list-style-type: none"> Set mutually agreed objectives, outputs, timelines, roles and responsibilities and progress indicators, using suitable avenues and modalities for collaboration (section IV, Table 1 in this document)
Promote	<ul style="list-style-type: none"> Promote collaborative efforts through suitable means (including those owned by outreach partners) and systematically disseminate the outcomes (linked to the TEC communications and outreach strategy)
Monitor & learn	<ul style="list-style-type: none"> Monitor progress and seek feedback from partners as well as relevant stakeholders to ensure effective implementation of activities (linked to the TEC's M&E framework)
Impact	<ul style="list-style-type: none"> Find and/or set up ways in which the collaborative work could be continued or feed into other streams of work by the TEC and/or relevant technology actors

7. The TEC will also engage with a diverse range of partners that fulfil various partnerships objectives of the TEC (outlined in Section II), have different regional focus, and come from a diversity of institutional backgrounds. This would enable the TEC to benefit from the unique advantages and complementary areas of expertise of its partners, while fostering multi-stakeholder engagement and international cooperation on innovation, and technology development and transfer. Table 1 outlines the specific approaches and possible modalities for collaborative partnerships with individual groups of stakeholders, to better utilize each type of engagement towards efficient and effective implementation of the TEC workplan.

V. Looking ahead

8. The approach to collaborative partnerships and engagement of the TEC in conducting its work provided in this document is based on previous experiences, insights and lessons learned and the information and resources available at the time of drafting (February 2023). The TEC may improve and amend its approach over the course of implementing its rolling workplan for 2023-2027, according to emerging findings and priorities, existing interest by potential partners, and availability of resources.

Table 1
Recommended approaches and modalities for collaborative partnerships and engagement of the TEC with individual groups of stakeholders

Stakeholders	Strategy/Approach to engagement	Examples of modalities for engagement
1- Private sector, including sectoral actors	<ul style="list-style-type: none"> - Pursuing <u>knowledge partnerships</u>: to gain practical and policy-related insights, including findings from innovation processes and RD&D, as well as good practices and lessons learned from the implementation of climate technology from the private sector and sectoral actors - Pursuing <u>resource partnerships</u>: to mobilize resources (financial, human and in-kind) towards the full implementation of the TEC workplan - Pursuing <u>implementation partnerships</u>: to support the organization of TEC activities, e.g. workshops and technical dialogues,¹² regarding both substantive and logistics matters in a resource-effective manner 	<ul style="list-style-type: none"> - Co-development of policy-relevant thematic/sectoral surveys, guidelines, and tools - Co-organizations of events, workshops and dialogues
2- Academia, including universities, research institutions, and think tanks	<ul style="list-style-type: none"> - Pursuing <u>knowledge partnerships</u>: to conduct and promote scientific research related to technology development and transfer and the work of the TEC, and gather insights into national and regional level needs, priorities, and actions on climate technology - Pursuing <u>dissemination and outreach partnerships</u>: to capitalize on the role and credibility of academic institutions in policy engagements at the national and global levels to advance the dissemination and uptake of the work of the TEC - Pursuing <u>impact and legacy partnerships</u>: to harness the institutional longevity of educational, research and training organizations, their engagement in academic networks and circles, and their role in training young climate researchers and practitioners for promoting long-term impacts of the work of the TEC and climate technology topics, including through improvements in academic curricula and research and training opportunities 	<ul style="list-style-type: none"> - Participation in events, workshops, consultations, and technical dialogues (e.g. TEC participation in G-STIC conferences) - Co-development of studies, reports, publications, and policy documents - Engagement of the TEC with academic institutions and consortia in the promotion of its work and mandate (e.g. guest lectures and awareness raising events)
3- Bilateral funding partners, including public and private sources	<ul style="list-style-type: none"> - Pursuing <u>resource partnerships</u>: to mobilize resources (financial, human and in-kind) from sources of funding provided by governments, philanthropic organizations, businesses, and other donors towards the full implementation of the TEC workplan,¹³ with a preference for multi-annual contributions to the work of the TEC under its workplan, or specific to (a) certain workstream(s) 	<ul style="list-style-type: none"> - Establishment of Memorandum of Understanding - Exchange of letters - Other formal and informal agreements
4- Non-profit entities, including UN agencies and other relevant organizations and initiatives at the national, regional and global levels	<ul style="list-style-type: none"> - Pursuing <u>knowledge partnerships</u>: to utilize unique and complementary areas of expertise of partners to enhance the richness and impact of the TEC knowledge products,¹⁴ and/or plug in the work of the TEC across flagship climate and technology publications¹⁵ - Pursuing <u>implementation partnerships</u>: to support the organization of TEC activities, e.g. workshops and technical dialogues, regarding both substantive and logistics matters in a resource-effective manner, including through co-financing and cost-sharing arrangements - Pursuing <u>dissemination and outreach partnerships</u>: to harness the reach and visibility of relevant communications outlets owned by technology stakeholders and knowledge brokers to reach decision 	<ul style="list-style-type: none"> - Co-creation of reports, publication, and policy documents - Co-organization of events, workshops, thematic dialogues - Conducting thematic and regional engagements with stakeholders on common areas of work - Featuring the TEC work across partner communications outlets (e.g. websites, knowledge portals, newsletters, social media accounts) and activities (e.g. events, workshops, and publications)

¹² See the collaboration of the TEC with the BMW Foundation in the [organization of a thematic dialogue at COP27 on future of mobility](#), in which the conceptualization of the event was done jointly and the implementation of the event was mainly led by the BMW Foundation (including securing the venue and timeslot, mobilizing a professional moderator, and outreach activities).

¹³ With support from the government of Japan, the TEC hired an expert consultant and developed [a technical paper on 'Deep Decarbonization Technologies for Sustainable Road Mobility'](#).

¹⁴ See the work of the TEC in collaboration with the IUCN, NWP and FEBA on ['Innovative Approaches for Strengthening Coastal and Ocean Adaptation: Integrating Technology and Nature-based Solution'](#).

¹⁵ See the contributions of the TEC to the [Technology Progress Report in 2022](#), developed by the UNEP – Copenhagen Climate Centre.

Stakeholders	Strategy/Approach to engagement	Examples of modalities for engagement
	makers at all levels, and promote the work of the TEC, its mandate, outputs, and impact	
5- UNFCCC bodies, entities, processes, initiatives and associated networks	<p>- Pursuing <u>knowledge partnerships</u>: to promote coherence and utilize complementarities in the co-development of knowledge products under the UNFCCC and Paris Agreement in areas consistent with the mandate of the TEC and other bodies, entities, and processes¹⁶</p> <p>- Pursuing <u>implementation partnerships</u>: to maximize the efficiency and impact of resources, bolster cross-stakeholder engagement, and enhance coherence and synergies in achieving the goals of the Convention and the Paris Agreement related to technology development and transfer, including through cost-sharing and co-financing of activities in common-areas of work</p> <p>- Pursuing <u>dissemination and outreach partnerships</u>: harnessing the reach and visibility of relevant communications outlets owned by technology stakeholders and knowledge brokers to promote the work of the TEC, its mandate, outputs, and impact, including at the regional and sectoral forums</p>	<p>- Joint engagements and activities (e.g. thematic and regional engagement with stakeholders in common areas of work) through flagship climate summits, conferences, processes and initiatives, e.g. UNFCCC COP and SB sessions; UNFCCC Regional Climate Weeks; Technology NDE Regional Forums; UNFCCC Regional Collaboration Centers and CTCN regional offices; The Global Stocktake process under the Paris Agreement; Meetings of the UNFCCC bodies, entities and processes; Informal coordination group for capacity-building under the Convention and the Paris Agreement (ICG), convened by the PCCB; and the TEC meetings</p>
6- High-level figures, champions and media outlets at the global, sectoral and regional levels	<p>- Pursuing <u>impact and legacy partnerships</u>: utilizing volunteer services and support of prominent individuals as ‘technology champions’ to bring attention to climate technology issues, mobilize resources and promote climate technology policy and action, including across regions and sectors</p> <p>- Pursuing <u>dissemination and outreach partnerships</u>: harnessing the reach and visibility of influential entities and figures to promote the work of the TEC, its mandate, outputs, and impact, including at the regional and sectoral forums</p>	<p>- Featuring high-level entities/figures in TEC events (e.g. special addresses and keynote roles), and participation of TEC in flagship summits, events, and meetings convened by influential entities/figures</p> <p>- Featuring high-level entities/figures in TEC publications and written products (e.g. forewords and press releases), and featuring TEC inputs in flagship reports, publications and statements developed/endorsed by influential entities/figures</p> <p>- Featuring TEC’s work and products in reputable media outlets with a sizable reach, e.g. blog posts, news articles, press releases, podcasts, and interviews</p>

¹⁶ See the work of TEC and WIM Excom on [technologies for averting, minimizing and addressing loss and damage in coastal zone](#).