



**Technology Executive Committee**

11 March 2019

**Eighteenth meeting**

**Copenhagen, Denmark, 25–27 March 2019**

**Potential areas for collaboration and joint activities of the  
Technology Executive Committee and the Climate Technology  
Centre and Network**

**Background note**

**I. Introduction**

**A. Background**

1. The COP, by decision 1/CP.16, decided to establish a Technology Mechanism to facilitate the implementation of enhanced action on technology development and transfer in support of action on mitigation and adaptation. The Technology Mechanism consists of two complementary bodies: Technology Executive Committee (TEC) and the Climate Technology Centre and Network (CTCN).
2. At the eighteenth meeting of the TEC and the thirteenth meeting of the Advisory Board of the CTCN, the TEC and the Advisory Board of the CTCN will meet in a joint session to identify potential areas of collaboration between the two bodies, including possible activities that could be undertaken jointly, for inclusion in their respective workplan and programme of work.

**B. Scope of the note**

3. The purpose of this note is to elaborate on potential areas for collaboration between the TEC and the CTCN, including possible activities that could be undertaken jointly.
4. The annex contains the agenda of the joint session of the TEC and the Advisory Board of the CTCN, which will take place on 27 March, 2019, in Copenhagen, Denmark.

**C. Possible action by the Technology Executive Committee and the Advisory  
Board of the CTCN**

5. The TEC and the Advisory Board of the CTCN will be invited to discuss potential areas of collaboration among the two bodies and provide guidance for the identification of activities to be undertaken jointly, the potential roles of each body and indicative timelines for these actions.

**II. Enhancing synergy and collaboration within the Technology  
Mechanism**

**1. Past joint activities of the TEC and the CTCN**

6. The TEC and the CTCN provide, respectively, policy advice and implementation support for actions that can accelerate the development and transfer of climate technologies appropriate to the national circumstances of developing countries.
7. The TEC and the CTCN have collaborated on areas of shared mandate and expertise since their inception, including on matters relating to strengthened collaboration with the Financial

Mechanism, regional technical expert meetings (TEMs) on the margins of UNFCCC regional climate weeks, and incorporating the results of Technology Needs Assessments into the work of the Technology Mechanism. The two bodies report their collaboration through the Joint annual reports of the TEC and the CTCN to the COP.

## 2. Relevant decisions from the Climate Change Conference in Katowice, December 2018

8. CMA 1.3 in Katowice (December 2018) adopted a set of decisions to implement the provisions of various articles negotiated as part of the Paris Agreement work programme. Two of the decisions most relevant to the work of the Technology Mechanism are: decision 15/CMA.1 on [Technology Framework under Article 10.4 of the Paris Agreement](#) and decision 16/CMA.1 on [Scope and Modalities of the periodic assessment of the Technology Mechanism](#). Both CMA decisions affirm, as elaborated below, that the two components of the Technology Mechanism shall work in close collaboration in their work supporting the implementation of the Paris Agreement, and that their collaboration will be a main criterion for assessing their effectiveness.

9. Two COP 24 decisions (decision 13/CP.24 on Enhancing climate technology development and transfer through the Technology Mechanism, and decision 14/CP.24 on Linkages between the Technology Mechanism and the Financial Mechanism of the Convention) also emphasize the importance of strengthening this collaboration.

### (a) Technology Framework

10. The Technology Framework was established to provide overarching guidance to the Technology Mechanism in supporting the implementation of Paris Agreement on technology matters. Decision 15/CMA.1 contains elaborated provisions reflecting this guidance, grouped under five key themes reflecting focused areas of action to be undertaken by the TEC and CTCN: i) Innovation, ii) Implementation, iii) Enabling environment and capacity building, iv) Collaboration and stakeholder engagement and v) Support. The framework also contains principles which should guide the TEC and the CTCN in implementing their actions/activities (Coherence, Inclusiveness, Result-oriented approach, Transformational approach, Transparency).

11. The CMA decided that TEC and the CTCN shall implement the Technology framework in close collaboration, in accordance with their respective functions, mandates and modalities of work, under the guidance of CMA. It requested the TEC and CTCN to incorporate the guidance contained in the Technology Framework into their respective workplan and programme of work. It also wishes to see how the TEC and the CTCN have implemented these collaborative approaches and requested them to include this information in the joint annual report of the technology mechanism for 2019, which will be submitted to both CMA2 and COP25.

### (b) Periodic assessment of the Technology Mechanism

12. By decision 1/CP.21 paragraph 67, the COP decided to undertake a periodic assessment of the effectiveness of and the adequacy of the support provided to the Technology Mechanism in supporting the implementation of the Agreement. Decision 16/CMA.1 contains the scope and the modalities for this periodic assessment.

13. The “scope” provides elements on how the effectiveness of the Technology Mechanism will be assessed – in terms the impact, outputs and outcomes. One area that will be assessed is the collaboration between the TEC and the CTCN. It also provides elements on how the adequacy of the support provided to the Technology Mechanism will be assessed, including, for example, sources and types of support. The “modalities” elaborates on evaluation criteria in conducting the assessments and stipulates that it is to be undertaken every five years and takes no longer than one year to complete. The CMA has decided to initiate the first periodic assessment at CMA 4 (2021).

## 3. Potential areas of collaboration and joint activities

14. As a starting point, the TEC and CTCN could build on existing areas of collaboration undertaken by the TEC and the CTCN and strengthen their joint work in these areas.

15. Areas of past collaboration include: climate technology research, development and demonstration (RD&D); development of endogenous capacities and technologies; enhancing pre-2020 action (technical examination process on mitigation and adaptation); and communication and outreach. Regarding possible joint activities, the TEC and the CTCN could continue those activities

that proved to be effective and useful as well as consider new activities in line with their mandates and functions. For example:

(a) In the area of climate technology RD&D, the TEC and the CTCN could continue to collaborate with the GCF on accelerators and incubators;

(b) In the area of endogenous capacities and technologies, building on the TEC survey to NDEs in 2018, the TEC and the CTCN could work with NDEs to better understand their endogenous technology needs for NDC implementation and support them in developing these capacities/technologies;

(c) In the area of enhancing pre-2020 action, the TEC and the CTCN could continue co-organizing regional TEMs on mitigation during regional climate weeks, and collaborating with the Adaptation Committee and other organisations in the organisation of TEMs on adaptation;

(d) In the area of communication and outreach, the TEC and the CTCN could continue their joint work in organising the Technology Mechanism side event at COP and in enhancing public awareness on technology development and transfer issues.

16. Potential new areas for collaboration can also be identified from Katowice outcomes, in particular from the Technology Framework that mentions specific areas of work which appear in several places across its five key themes. This will ensure that the collaboration indeed respond to and are aligned with the guidance by the CMA. Examples include:

(a) New and emerging technologies;

(b) RD&D;

(c) Long-term technology transition;

(d) Technology Needs Assessment;

(e) Private sector engagement;

(f) Stakeholder engagement.

17. Decision 15/CMA.1, also requested the TEC and the CTCN, while incorporating the guidance contained in the Technology Framework into their workplan and programme of work, to include methods for monitoring and evaluation of their activities. This could also be a potential area for collaboration between the TEC and the CTCN as this represent a common mandate to both bodies.

## Annex

TEC



**Joint session of the Technology Executive Committee and the Advisory Board of the Climate Technology Centre and Network**

Auditorium 3  
UN City, Copenhagen  
March 27, 2019

- 9.00 Opening of the Thirteenth meeting of the CTCN Advisory Board
- 9.30 Objectives for the joint session
- 9.45 Outlook for 2019: Road to COP25  
*The UNFCCC secretariat will provide an overview of events that will take place in 2019 and are of relevance to the work of the TEC and the CTCN, including: Regional Climate Weeks; the Technology Facilitation Mechanism and its forthcoming annual Multi-Stakeholder Forum on Science, Technology and Innovation for the Sustainable Development Goals in May 2019; the UN SG Climate Summit in September 2019. TEC and CTCN-AB members will be invited to discuss possible collaborative opportunities for the TEC and CTCN in support of these or similar high-profile events.*
- 10.30 Update on TEC & CTCN activities  
*The chair of the CTCN AB and the director of the CTCN will update on the operations and progress of work of the CTCN. The chair of the TEC will update on progress of the work of the TEC.*
- 11.00 Break
- 11.20 Introduction of Technology Framework and Scope and Modalities of the Periodic Assessment of the Technology Mechanism  
*The UNFCCC secretariat will provide a presentation on the main provisions contained in decisions 15/CMA.1 “Technology framework under Article 10, paragraph 4, of the Paris Agreement” and decision 16/CMA.1 “Scope of and modalities for the periodic assessment referred to in paragraph 69 of decision 1/CP.21”.*
- 11.50 Potential areas for collaboration and joint activities between the TEC and CTCN  
*The chairs of the TEC and the CTCN AB will introduce potential areas for collaboration as well as the structure and function of the break-out group discussion.*
- 12.30 Lunch
- 13.15 Break-out groups on potential areas for collaboration and joint activities between the TEC and CTCN  
*Members of the TEC and the CTCN AB will discuss activity areas, specific activities, responsibilities, and modalities of cooperation in a “world café” setting. Observers are also invited to participate in this break-out group discussions.*



# TEC



- 14.40 Break
- 15.00 Plenary discussion on potential areas for collaboration and joint activities between the TEC and CTCN  
*Rapporteurs will report on outcomes from break-out group discussions. Members of the TEC and the CTCN AB will engage in plenary discussion to identify consensus areas for collaboration between the TEC and the CTCN for inclusion in their workplans.*
- 16.30 Monitoring & Evaluation of Technology Mechanism activities  
*The CTCN will provide an overview of COP guidance on the monitoring and evaluation for the Technology Mechanism as well as possible options for building a consistent and robust M&E system to report on the activities of the Technology Mechanism activities and ensure their contributions to transformational changes envisioned in the Paris Agreement.*
- 17.00 Summary of outcomes, next steps, concluding remarks
- 17.30 Conclusion of the Eighteenth meeting of the Technology Executive Committee