



Technology Executive Committee

26 August 2022

Twenty-fifth meeting

In-person meeting, 6–8 September and 9 September 2022 (TEC-CTCN Joint session)

Draft outline of the TEC-CTCN publication on technology and NDCs

Cover note

I. Background

1. In response to an invitation by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA)¹ (November 2021), the Technology Executive Committee (TEC) and the Advisory Board of the Climate Technology Centre and Network (CTCN AB) decided at their joint session held in March 2022 to continue their joint work on technology and nationally determined contributions (NDCs) in 2022-2023, including the update of their joint publication on this matter.
2. The TEC and CTCN AB secretariats develop the terms of reference for the joint publication and commissioned an external expert to support the undertaking of the work.
3. At TEC 25, the TEC and the CTCN AB will meet in a joint session on 9 September 2022 to take stock of the progress of their joint activities. During this joint session, the Chairs and Vice-Chairs of the TEC and the CTCN AB, with the support of the secretariats and the external expert, will provide an update on their work and present a draft annotated outline of the updated joint publication on technology and NDCs as contained in the annex.

II. Scope of the note

4. The annex to this note contains the draft annotated outline of the updated joint publication on technology and NDCs.

III. Possible action by the Technology Executive Committee

5. The TEC and the CTCN AB will be invited to consider the draft outline of the publication contained in the annex and provide guidance on its finalization after TEC 25.

¹ Decision 15/CMA.3, para. 6 (a).

Annex

Draft annotated outline

Updated TEC-CTCN joint publication on technology and NDCs: Stimulating the uptake of technologies in support of NDC implementation

Abbreviations and acronyms

Foreword

Joint foreword by the Chairs and Vice-Chairs of the TEC and CTCN AB.

Key findings

Revised key findings reflecting new findings from the update of this publication.

1. Background

- *TEC and CTCN mandates for this joint publication:*
 - *Decision 15/CMA.3.*
- *Objectives:*
 - *Updated analysis of technology issues related to NDCs and identification of success stories and lessons learned regarding technology uptake.*
- *Methodology:*
 - *Desk review of pre-identified information sources (see References) regarding technology issues related to NDCs: analysis and synthesis of information with a focus on technology needs, challenges, linkages between policy and implementation and linkages with national adaptation plans;*
 - *Desk review of pre-identified information sources (see References) on success stories regarding the uptake of technologies in support of NDC implementation. Selection and presentation of four additional case studies, ensuring overall diversity and balance among all twelve case studies in terms of geographic coverage, adaptation and mitigation actions, technology sectors and cross-cutting issues such a gender and innovation;*
 - *Semi-structured interviews with stakeholders involved in the eight existing case studies and with stakeholder of the four new case studies to be included in this updated publication.*

2. Technology and Nationally Determined Contributions

Updated analysis of technology issues related to NDCs based on revised and new NDCs and previous work by the TEC and CTCN.

2.1. Overview on technology in revised and new NDCs

Building on the UNFCCC secretariat's latest full NDC Synthesis Report (September 2021) and the review of 61 new or revised NDCs received after the preparation of the synthesis report in the period between 1 August 2021 and 30 July 2022.

2.2. Integrating technology considerations in NDCs

Develop this new sub-Section with a focus on good practices on integrating technology considerations in NDCs based on the analysis of NDCs, the 12 case studies, and previous work by the TEC and CTCN.

2.3. Technology needs

Updated analysis and synthesis of technology needs in the context of NDCs based on pre-identified information sources (see References).

2.4. Technology challenges

Updated analysis and synthesis of technology challenges in the context of NDCs based on pre-identified information sources (see References).

2.5. Policy and implementation

Updated analysis and synthesis of linkages between policy and implementation in the context of technology and NDCs based on pre-identified information sources (see References).

2.6. National adaptation plans

Updated analysis and synthesis of linkage to national adaptation plans in the context of technology and NDCs based on pre-identified information sources (see References).

3. Success stories and lessons learned on the uptake of technologies

Updated success stories and lessons learned regarding the uptake of technologies in support of NDC implementation based on updated and new case studies and previous work by the TEC and CTCN on the matter.

3.1. Success stories

Four new case studies and update of the eight existing case studies showcasing the successful uptake of technologies in different geographic regions and technology sectors, including for adaptation and mitigation actions, covering innovative and gender-responsive approaches.

3.2. Lessons learned

Update lessons learned in the uptake of technologies across geographic regions and technology sectors based on new findings from the update of the previous sections.

4. Observations

Revised observations based on new findings from the update of the previous sections.

5. Recommendations

Update of recommendations on how to stimulate the uptake of climate technology solutions to support the implementation of NDCs based on new findings from the update of the previous sections.

Acknowledgements

Acknowledging the work of the TEC-CTCN AB joint taskforce and other stakeholders, who provided inputs to the joint publication, including interviewees.

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Note: Additions to the previous version of this publication are highlighted in bold.

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