

Objective, scope and outline of the technical paper on technologies for adaptation

Concept note

Recommended action by the Adaptation Committee

The Adaptation Committee (AC), at its 19th meeting, may wish to consider this note and agree on an objective, scope and outline for the technical paper.

1. Background

1. The Adaptation Committee (AC) in its revised 2019-2021 workplan¹ agreed to prepare in 2021 a technical paper on the application of technologies for an adaptation priority topic to be determined. It further agreed to determine the topic and prepare a scoping note in the second half of 2020, which was considered at AC18.²
2. Subsequent to AC18, the AC agreed on the following topic: “Priorities and needs: technologies for adaptation in agriculture, water resources and coastal zones; including experiences in stakeholder engagement and regulatory issues pertaining to the development, transfer and uptake of technologies in those sectors” and further agreed to consider an annotated outline at its 19th meeting.

2. Objective and scope of the technical paper

3. Previous work by the AC, the Least Developed Countries Expert Group (LEG), the Technology Executive Committee (TEC), the Climate Technology Centre and Network (CTCN) and others has focused on the identification of adaptation technologies priorities and needs, including through the process to formulate national adaptation plans (NAPs) and the Technology Needs Assessments (TNAs), and how stakeholders were engaged in the various planning processes (For an overview, please see the annex).
4. To add value and taking into account that many countries are in the process of developing and finalizing their national adaptation strategies and plans, including NAPs, this paper could focus on the implementation of such plans and strategies and the identified measures therein and how an increased uptake of technologies can enhance the implementation of adaptation.

3. Annotated outline

5. Taking into account the objective and scope, the technical paper may include the following:
 - a) Introduction;
 - b) Planning of adaptation: overview of priorities and needs identified in the NAPs, TNAs, etc. for technologies for adaptation in agriculture, water resources and coastal zones;
 - c) Implementation of adaptation measures in agriculture, water resources and coastal zones through enhanced uptake of technologies;

¹ https://unfccc.int/sites/default/files/resource/ac_workplan_post_ac17_web.pdf

² https://unfccc.int/sites/default/files/resource/ac18_8b_technologies.pdf

- i) Engagement of stakeholders;
 - ii) Regulatory issues;
 - iii) Innovative approaches;
 - iv) Good practices, gaps and needs.
- d) Conclusion.

4. Next steps

6. The AC, following agreement on the objective, scope and annotated outline, may wish to request the secretariat to seek inputs and feedback from the NAP TF when preparing a first draft for consideration at AC 20.

Annex: Overview of previous work

1. On priorities/needs and link with NAP:
 - a) TNA synthesis report: https://unfccc.int/sites/default/files/resource/sbi2020_inf.01.pdf
 - b) Link with NAMA and NAP: [TEC Brief TNA link with NAMA-NAP](#)
2. On Agriculture/Water/Coastal and NAPs:
 - a) Agriculture (types of technologies, barriers, enablers incl regulatory, stakeholders involved): https://unfccc.int/ttclear/events/2014_event1; [Background paper Adaptation techs 2014](#); [TEC Brief Agriculture](#)
 - b) Water (types of technologies, barriers, enablers, stakeholders involved): https://unfccc.int/ttclear/events/2014_event1; [Background paper Adaptation techs 2014](#); [TEC Brief Water](#)
 - c) Coastal (types of technologies, challenges, opportunities, case studies, stakeholders involved): <https://unfccc.int/ttclear/coastalzones/>
 - d) South-south and triangular cooperation on Agriculture and water: [TEC Brief SSC Agr-Water](#)
 - e) Potential south-south and triangular cooperation on adaptation techs to advance NDC and NAPs: [Potential SSC to advance NDC-NAPs](#)
3. On innovation for implementation and RD&D and elements of regulatory:
 - a) Innovative approach to accelerate and scale up tech implementation: <https://unfccc.int/ttclear/tec/innovativeapproaches>
 - b) Good practices collaborative RD&D (including on Agriculture, water, case studies incl on regulatory framework): <https://unfccc.int/ttclear/tec/rdandr>

Document information

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01.0	8 March 2021	AC 19 This concept note was prepared for consideration by the AC and agreement on an objective, scope and outline for the technical paper.

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