



Technology Executive Committee

02 April 2024

Twenty-eighth meeting

16–19 April 2024 (19 April TEC-CTCN Advisory Board Joint session)

Draft annotated outline for an analysis of success stories of implemented technology action plans

Cover note

I. Background

1. As per Activity B.1.1 of its rolling workplan (2023–2027), the TEC is to conduct an analysis of success stories of implemented technology action plans (TAPs) and identify key elements of success.
2. The TEC activity group on technology needs assessments (TNAs) that is supporting the implementation of this activity developed a draft annotated outline for this analysis, taking into account previous work of the TEC, including a paper on experiences, lessons learned and good practices in conducting TNAs and implementing their results.¹

II. Scope of the note

3. The annex to this note contains a draft annotated outline to conduct an analysis of success stories of implemented TAPs prepared by the TEC activity group on TNAs with the support of the TEC secretariat and in consultation with the UNEP Copenhagen Climate Centre.

III. Expected action by the Technology Executive Committee

4. The TEC will be invited to consider the draft annotated outline contained in the annex and provide guidance to the activity group on further work on this matter.

¹ TEC/2019/19/5.

Annex

Draft annotated outline for an analysis of success stories of implemented TAPs and the identification of key elements of success

Executive summary

1. Introduction

- Background: Emergence and role of technology needs assessments (TNAs) and technology action plans (TAPs), including results of the Global TNA Project; linkages between TNAs/TAPs and NDCs and LT-LEDS and previous work of the TEC and this regard;
- Objective: Identifying common elements of success across implemented TAP to inform the future development of TAPs under the Global TNA Project and through the provision of CTCN technical assistance;
- Scope: Identifying both common elements of success of implemented TAPs as well as lessons learned from TAPs that remain unimplemented.
- Methodology:
 - Desk review to identify information on implemented TAPs from various sources, including national reports to the UNFCCC, reports produced by the Global Environment Facility, by United Nations entities, including UNEP Copenhagen Climate Centre (UNEP-CCC, previously UNEP DTU), TEC and CTCN, bilateral development agencies and academia;
 - Online survey with TNA coordinators and national focal points for climate technologies;
 - Semi-structured interviews with owners of implemented TAPs.

2. Analyses of success stories of implemented TAPs

- Eight case studies showcasing the successful implementation of TAPs in different geographic regions and technology sectors, including adaptation and mitigation technologies, covering different implementation models, including with operating entities of the Financial Mechanism, multilateral development banks, domestic financial institutions and the private sector;
- Analysis of case studies with a focus on the TAP development process, TAP document structuring and formulation and engagement with TAP implementation partners;
- Analysis of unimplemented TAPs to identify common challenges and lessons learned to confirm and/or enrich findings from the analysis of case studies.

3. Key elements of success for TAP implementation

- Based on findings of Chapter 2 and from survey and interview responses, identification of 3–4 key elements of success for TAP implementation for each of the following steps:
 - TAP development process as part of the TNA process;
 - Structuring and formulation of TAPs; and
 - Engagement of TAP implementation partners.

4. Linking TAP implementation with NDCs and LT-LEDS

- Building on the TEC's previous work in this area, demonstrate interlinkages between NDC, LT-LEDS and TNA/TAP processes and how TAP implementation contributes to TNA, NDC and LT-LEDS implementation in achieving national targets and raising ambition.

5. Key findings and recommendations

- Key findings from the analysis will be presented, based on which recommendations to TNA/TAP coordinators and TAP implementation partners will be offered.

Acknowledgements

Bibliography

List of interviewees
