

Outcomes of TEC 24 and opportunities for enhancing systematic feedback between TEC and CTCN

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Issues considered at TEC 24

- Outcomes Glasgow Climate Change Conference and outlook for 2022
- Implementation of TEC rolling workplan for 2019-2022:
 - innovation
 - implementation
 - enabling environment and capacity building
 - collaboration and stakeholder engagement
 - support
- TEC synthesis report on technology development and transfer as input to GST
- Gender mainstreaming
- Preparation of next TEC rolling work plan for 2023-2026



Progress in implementing TEC rolling workplan



INNOVATION

- Initiated compilation of good practices and lessons learned in setting up and implementing **National Systems of Innovation** (to be produced in 2022);
- Considered outcomes Technology Day events on innovative approaches for strengthening **coastal and ocean adaptation**
- Considered a draft policy brief on approaches for strengthening **coastal and ocean adaptation** on integrating technology and nature-based solutions (to be finalized after TEC 24)



IMPLEMENTATION

- Considered a draft policy brief on linkages between **TNA process and NDC process** (to be finalized after TEC 24)



ENABLING ENVIRONMENT AND CAPACITY-BUILDING

- Organized a thematic dialogue on enabling environments to **incentivize the private and public sector** in the development and transfer of technologies
- Considered a background paper on **decarbonization technologies for sustainable road mobility**

COLLABORATION AND STAKEHOLDER ENGAGEMENT

- Considered a background paper on experiences and lessons learned on TEC **collaborations and stakeholder engagement**
- Considered further collaboration with IUCN, FEBA and NWP to advance work on **innovative adaptation technologies**



SUPPORT

- Considered a draft technical paper on experiences and lessons learned from **support for climate technologies** provided by the operating entities of the Financial Mechanism (to be finalized after TEC 24)
- Considered a TEC synthesis report on matters related to technology development and transfer as input to the **global stocktake** under the Paris Agreement (to be finalized after TEC 24)



GENDER MAINSTREAMING

- Considered progress of gender mainstreaming within TEC's work and share consideration of future work of the TEC on this matter.

INITIATED PREPARATION OF TEC WORKPLAN FOR 2023-2026



Enhancing coherence and synergies between TEC and CTCN

- Ongoing collaboration between TEC and CTCN:
 - Joint sessions of the TEC and the CTCN-AB
 - Joint task force and joint activities (work on NDC's and gender)
 - TEC activities draw on information from CTCN activities on the ground (TP on enabling environments and capacity building, endogenous capacities and technologies, etc.)
 - Joint M&E framework and issuance of biennial NDE survey
 - Joint communication and outreach activities of the Technology Mechanism (side events, etc.)
 - Participation in each others meetings and events (TEC meeting, CTCN-AB meeting, regional meetings, etc.)



Lessons learned from joint work (see JAR 2021)

- Joint sessions and joint events provide important spaces for the TEC and the CTCN to enhance collaboration and foster deep engagement on issues of mutual relevance to the two bodies. They also provide space for discussing challenges and lessons learned regarding technology transfer and development as one voice – as the Technology Mechanism. Other joint arrangements such as the joint task force proved helpful in guiding the implementation of joint activities;
- Joint work to address common issues strengthens the coherence and enhances the synergy of the two bodies' work. The TEC and the CTCN will continue to identify common issues and opportunities for joint work, for example on areas highlighted in the findings from existing joint work (e.g. on technology and NDCs). Another example was on endogenous capacities and technologies, where needs, gaps and challenges, identified from feedback from NDEs, could inform the implementation support provided by the CTCN;
- The TEC and CTCN consider it important to continue improving the feedback mechanism between the two bodies: TEC policy work could, among other sources of information, be more systematically grounded in case studies and lessons learned from the operational activities of the CTCN and vice versa;
- The M&E system jointly developed by the TEC and the CTCN, which includes a biennial NDE survey, is useful for tracking the impacts of activities under the Technology Mechanism. The results from the NDE survey help the two bodies provide more coherent outputs, and the data on outcomes strengthen their reporting on the impacts of their work.



Policy challenges and opportunities of relevance to the CTCN based on TEC 24

- Policy briefs that can inform TA's that touch upon the same subject as policy briefs
 - Innovative Approaches for Strengthening Coastal and Ocean Adaptation: Integrating Technology and Nature-based Solutions.
 - Decarbonization technologies for sustainable road mobility.
- Policy Brief on Linkages between technology needs assessment process and nationally determined contributions process, it mentions already existing roles of NDE and CTCN in this linkages, and further possibilities.
- Experience and lessons learned from TEC collaborations and stakeholder engagements
 - Engagement with NDEs through NDE Forums have been initiated; however, this could be further enhanced since NDE could play a key role as potential collaborators in the region;
 - Joint events and joint meetings between TEC and CTCN.
- Draft technical paper on experiences and lessons learned from support for climate technologies provided by the operating entities of the Financial Mechanism
 - Role of CTCN and NDE, Example: Step-wise path from first establishing and strengthening a recipient country's institutional set-up to enable continued engagement with the GCF.
- Synthesis report of the Technology Executive Committee on technology development and transfer for the global stocktake
 - Examples of knowledge building and opportunities: private funding for climate technology RD&D is scarce. Public funding and effective financial instruments are crucial for supporting access to climate technology. Knowledge and experience of the TEC, the CTCN, the SCF, the GCF, and the GEF can support this.
 - TEC and the CTCN observe that experience sharing and capacity-building collaboration between countries can stimulate the uptake of climate technologies. A concrete of example of bundling climate technology knowledge and experience is that of technology roadmaps, which are based on internationally gathered good practice of planning and implementing a particular technology



Publications released since last Meeting

- Emerging Climate Technologies in The Energy Supply Sector
- Technology and Nationally Determined Contributions - Stimulating The Uptake of Technologies in Support of Nationally Determined Contribution (NDC) Implementation
 - a) Catalyse the development and use of action-oriented technology road maps for different sectors at the global, regional and national level, in line with NDC targets and the goals of the Paris Agreement, through, inter alia, facilitating cooperation and knowledge-sharing among Parties and relevant organizations and providing guidance and technical assistance for the development of technology road maps;
 - b) Use the technology road maps as guidance for their further work, including on supporting the transition to specific environmentally sound technologies identified for different sectors, focusing efforts on supporting the creation of enabling environments for the uptake of these specific technologies, including through effective stakeholder engagement and financing approaches;
 - c) Consider updating this joint publication on a regular basis to reflect the latest developments and trends regarding the role of technology in NDC implementation
- Enabling Environments and Challenges to Technology Development and Transfer
- Implementation of Technology Needs Assessments: Linkages Between The Technology Needs Assessment Process And The Nationally Determined Contribution Process



Opportunities for enhancing systematic feedback between TEC and CTCN

- Beyond joint sessions, the TEC and CTCN AB may wish to consider to establish (an) additional arrangement(s) for a more systematic provision of feedback between the two bodies, e.g.:
 - Utilize joint TEC/CTCN AB sessions to strengthen mutual feedback: TEC Chair and CTCN AB Chair can share systematic policy and implementation issues they observe from their respective work during the joint meetings.
 - Hold a dedicated session (e.g. annual strategy session) for in-depth discussions between the TEC and CTCN AB on lessons learned, challenges, and opportunities for improving the coherence and synergy of the work of the two bodies.

Thank you!

