

Agenda item 9 (a) ii. Update on the work of the TEC and CTCN, and reflections on synergies between the two bodies

Report on the reflections on synergies between the two bodies

Technology Executive Committee, 29th meeting and TEC-CTCN AB Joint session
17-19 and 20 September 2024, Bonn, Germany



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TEC Rolling workplan for 2023-2027

Part of the joint work programme of the Technology Mechanism, the TEC rolling workplan for 2023-2027 provides a framework for the TEC to deliver on its mandate in the era of implementation of the Paris Agreement through promoting science-based and systemic approaches, bolstering transformative technology solutions, focusing on high-impact, high-potential sectors and actions and leveraging collaborative partnerships across four workstreams:

WS1

**NSI, Collaborative
RD&D & General-
Purpose
Technologies**

WS2

**TNAs & technology
planning tools to
support NDC
implementation**

WS3

**Transformative
& innovative
solutions**

WS4

**Collaboration &
engagement with other
UNFCCC processes/bodies
& other UN agencies**

Informed by

- ✓ Parties' guidance
- ✓ Mandates and functions of the TEC
- ✓ Technology Framework
- ✓ Science
- ✓ Transformative solutions
- ✓ NDCs
- ✓ Climate goals and the SDGs
- ✓ Gender-responsiveness
- ✓ Mindful of resource implications
- ✓ Pragmatic approaches



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Latest TEC publications



Sustainable mobility: Policy brief on low-emission gender-responsive technology and infrastructure for sustainable urban mobility



Transformative industry: Mapping of initiatives that promote low and near zero emission production and products in hard-to-abate sectors



National systems of innovation: Summary for policymakers on good practices and lessons learned on the setup and implementation of NSI

Collaborative and joint publications with partners:

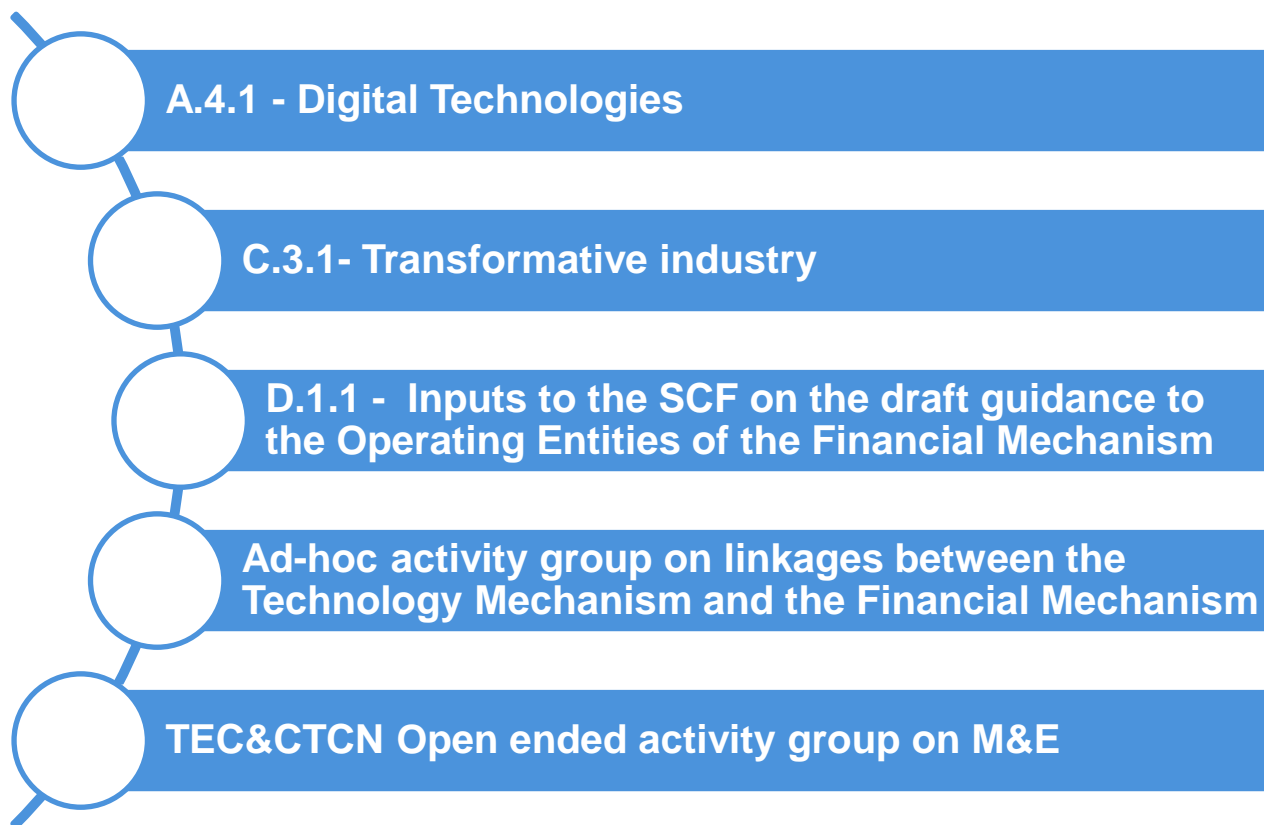


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CTCN engagement in the activities of the TEC rolling workplan for 2023-2027



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Issues considered at TEC 29

Progress in implementing the TEC rolling workplan 2023 - 2027

Workstream 1: National Systems of Innovation and Collaborative Research, Development and Demonstration and General-Purpose Technologies

EWS: Agreed to TEC-GEO policy brief, and to launch the paper at the Earth Information day at COP 29 and agreed to key messages and recommendations developed based on the paper.

Digital Technologies:

- Agreed to finalize an information note on AI for climate action for launch at COP 29
- Agreed to continue its work on the technical paper on AI for climate action for further consideration at TEC 30

Workstream 2: Technology needs assessments and technology planning tools to support NDC implementation

TNA:

- Agreed to finalize an analysis of success stories of implemented TAPs
- Agreed to a draft outline for a TNA energy sector guidebook, supported by UNIDO and UNEP-CCC, to be published in 2025
- Took note of progress on an updated TNA Step-by-Step Guidebook prepared by UNEP-CCC



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Workstream 3: Transformative and innovative solutions

WEF: Discussed the knowledge product in collaboration with FAO and agreed to key messages and recommendations.

Buildings and infrastructure: Agreed to develop two knowledge papers on:

- Deploying Established Climate Technologies and Solutions for Buildings and Infrastructure
- Leveraging Data to Accelerate Financing for Climate Technologies in Buildings and Infrastructure

Transformative industry:

- Agreed to finalize a policy brief on integrating hard-to-abate industries in the process of preparing and implementing NDCs
- Agreed to key messages and recommendations for COP 29 and CMA 6 based on the policy brief
- Took note of progress on the organization of Technology Day on Transformative Industry at COP 29



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Workstream 4: Collaboration and engagement with other UNFCCC processes and constituted bodies and other UN agencies

Gender: Agreed to key messages and recommendations for COP 29 and CMA 6 based on the policy brief on gender-responsive technology and infrastructure for sustainable urban mobility.

Collaboration and engagement with UNEP-CCC: Agreed to key messages and recommendations for COP 29 and CMA 6 based on the Climate Technology Progress Reports for 2022 and 2023

Monitoring and Evaluation

- Took note of the 2024 monitoring report of the implementation status of TEC rolling workplan for 2023-2027 and agreed to discuss the report again at TEC 30, allowing report to capture full information of year 2024;
- Provided guidance on ways to increase meaningful engagement of the TEC with the NDE's.



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Joint Annual Report

- TEC agreed to the Annual Report of the TEC for 2024, including the challenges and lessons learned and key messages and recommendations

Summary report of the SBI 60 workshop on linkages between the Technology Mechanism and Financial Mechanism

- As per decision 10/CP.28, paragraph 14, the TEC, in consultation with the CTCN, prepared a draft summary report on the workshop with the support of the TEC ad-hoc activity group, established for the preparation of the workshop.
- TEC 29 agreed that the Chair and Vice-Chair finalize the report for consideration by the SBI 61, taking into account comments provided at the meeting.



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Implementation of CTCN feedback given to the TEC during the last joint session

Common area of work: Water-Energy-Food systems

CTCN feedback to TEC since TEC 28	TEC response	TEC feedback to CTCN
CTCN TA experience on WEF nexus can be used as case studies for TEC-FAO upcoming knowledge product	FAO/TEC knowledge product "Climate Technologies for Agrifood Systems transformation" includes the country cases from the CTCN TA	CTCN to use TEC&FAO knowledge product: "Climate Technologies for Agrifood Systems transformation" is its webinars and capacity building programmes, NDE forums regarding to WEF CTCN to explore opportunities to integrate key messages of this work to help develop TA request



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Common area of work: Energy systems

TEC feedback to CTCN

CTCN invited to participate in the work of the TEC on RDD - energy storage, including through providing information on TA's related to energy systems

CTCN to engage the TEC while providing the capacity building supports, thematic webinars and learning exchange events related to energy systems, including RDD and energy storage

Common area of work: Buildings and resilient infrastructure

CTCN feedback to TEC since TEC28	TEC response	TEC feedback to CTCN
CTCN can provide inputs based on its extensive experience working on green building codes and energy efficiency in buildings for upcoming TEC event / thematic dialogue in 2024	The work of the buildings has not started yet, CTCN will be invited to provide inputs and the country cases during the development of policy paper.	<p>CTCN to engage in the work of the TEC- buildings and infrastructure including through providing information on TA's related to buildings and infrastructure</p> <p>CTCN to engage the TEC while providing the capacity building supports, thematic webinars and learning exchange events related to buildings and infrastructure</p>



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Common area of work: Business and Industry

CTCN feedback to TEC since TEC28	TEC response	TEC feedback to CTCN
CTCN work in the cement industry may be of interest for upcoming TEC work (TEC activity C.3.1)	CTCN has been invited to present its work in the cement industry at the TEC Technology Day on Transformative Industry at COP 29	To enhance systematic feedback in this area of work, the TEC invites the CTCN to continue sharing findings from CTCN technical assistance in the steel, cement and chemical industries.

Common area of work: Technology Needs Assessment

CTCN feedback to TEC since TEC28	TEC response	TEC feedback to CTCN
CTCN can provide inputs for upcoming TEC activity on analysis of success stories of implemented TAPs based on CTCN TNA portfolio (TEC activity B.1.1)	Information gathered from the technical assistance of the CTCN have informed and enriched the TEC analysis of success stories from implemented TAPs.	To enhance systematic feedback in this area of work, the TEC: <ul style="list-style-type: none"> - Invites the CTCN to take into consideration findings from TEC's work on TAP success stories in supporting TNA related work in its portfolio and further engage with the TEC activity group on TNA - Invites inputs and lessons learned from the CTCN's work on TNA, as well as information on any planned activities, to inform its work on TNA in 2025-2027



Thank you!

