

**COP 27 Sharm el Sheikh, Egypt
SBSTA/SBI Opening plenary – 6 November 2022**

SBSTA item 11/SBI item 17(a) – Joint annual report of the Technology Executive Committee and the Climate Technology Center and Network (for 2022)

Oral report by the Chair of the Technology Executive Committee

Thank you, Mister Chair,
Distinguished delegates,

On behalf of the TEC, I am pleased to report to you on the work and achievements of the TEC in 2022, noting that this year was the last year of implementation for the current rolling workplan of the TEC.

While advancing and finalizing the implementation of TEC activities under the 2019-2022 workplan, in 2022, we embarked on developing a [new rolling workplan for 2023-2027](#), in consultation with technology stakeholders and coordination with the CTCN.

The TEC workplan is structured around four workstream, defined to assist the TEC to deliver on its mandate through promoting science-based and systemic approaches, bolstering transformative technology solutions, and focusing on high-impact, high-potential sectors and actions:

- Workstream 1: National Systems of Innovation, Collaborative Research, Development and Demonstration and General-Purpose Technologies;
- Workstream 2: Technology needs assessment and technology planning tools to support NDC implementation;
- Workstream 3: Transformative and innovative solutions;
- Workstream 4: Collaboration and Engagement with UNFCCC processes and constituted bodies, and other UN agencies.

The workplan of the TEC is integral part of the [first joint work programme under the Technology Mechanism](#), which consolidates the respective work of the TEC and CTCN as well as their joint efforts under one umbrella, thereby enhancing coherence and synergies in the work of the Technology Mechanism. This is a significant milestone for the Technology Mechanism and signals a new era of work for climate technology under the Convention and the Paris Agreement. One enriched with enhanced coherence, guided by science, aligned with the long-term goals of the Paris Agreement, and focused on high-potential sectors and high-impact actions.

Allow me to highlight key achievements of the TEC in 2022 in the five key areas as guided by the technology framework:

1. On **innovation**, we initiated the preparation of a compilation of good practices and lessons learned in setting up and implementing national systems of innovation. We also continued our collaboration with the International Union for Conservation of Nature, Friends of Ecosystem-based Adaptation and the expert

group on oceans of the Nairobi work programme on impacts, vulnerability and adaptation to climate change, hosting the last of the Technology Day events, focusing on innovative approaches to strengthening ocean and coastal adaptation, at COP 26. The Technology Mechanism side event at this COP is also dedicated to the topic of innovation, with a high-level roundtable with innovation leaders.

2. On **implementation**, we produced a technical paper and a policy brief on linkages between the TNA and NDC processes and communicated key messages and recommendations emerging from the work to the COP and CMA. We will continue our work on TNAs with a view to assess the gaps in the existing TNA guideline and update them in the near future.
3. On **enabling environment and capacity building**, we analyzed challenges and opportunities in strengthening enabling environments for enhancing replicability and scalability of technologies for sustainable transport and published a technical paper on decarbonization technologies for sustainable road mobility, containing key messages and recommendations to the COP and CMA. We are co-hosting a technical dialogue together with the BMW Foundation on this topic at this COP.
4. On **collaboration and stakeholder engagement**, we have continued to engage with relevant bodies under and outside the UNFCCC and Paris Agreement - including the UNFCCC constituted bodies and constituencies, the operating entities of the financial mechanism, UN agencies, international organizations, and the private sector- in advancing the work of the TEC. In particular, we collaborated with the YOUNGO constituency, and hosted an event entitled “Climate technology and adaptation: youth-led innovative approaches” at the Global Sustainable Technology and Innovation Community Conference. As mentioned before, we also solicited inputs from stakeholders in the development of the TEC workplan for 2023-2027.
5. On **Support**, we published a technical paper, and developed a policy brief that will be shortly released- on experience and lessons learned concerning the support provided by the GCF and the GEF for climate technologies development and transfer. We also provided inputs to the SCF into the draft guidance to the operating entities of the Financial Mechanism.

Serving the Paris Agreement, the TEC prepared a synthesis report on matters related to technology development and transfer for the technical assessment component of the first global stocktake under the Paris Agreement. We also have continued our ongoing joint work with the CTCN, including on:

- Developing a publication on technology and NDCs, and updating it on a regular basis; and
- Developing a global roster of female experts on climate technologies and female and male gender experts.

We also continue to mainstream gender in our work, in substantive aspects of our activities for example preparing a forthcoming policy brief on gender inclusive mobility,

as well as organizational aspects of our work for instance ensuring gender balance in the composition of speakers in TEC events.

Mister Chair, distinguished delegates,

Allow me to express my sincere gratitude to all members of the TEC for their valuable contributions in advancing the work of the TEC.

We are also grateful to a wide range of stakeholders, including Parties observers, intergovernmental organizations, research, business and environmental NGOs, actively contributing to the work of the TEC and its task forces, including in the preparation of the 2023-2027 workplan.

On behalf of the TEC, I would like to express our appreciation for the financial contributions from Parties to our work over the course of the 2017-2022 workplan, and encourage continued and enhanced support to our work in the coming years, to bolster the full and effective implementation of the TEC workplan and the joint work programme of the Technology Mechanism for the 2023-2027 period.

Finally, I would like to invite Parties to attend the Technology Mechanism side event that will take place on Wednesday, 9 November at 13:15 in Room 1 Akhenaten, and follow other activities of the Technology Mechanism, including a press conference on the launch of the new joint work programme, through the [TT:CLEAR website](#), the UNFCCC home for technology.

Thank you.