

TEC 26 & Joint TEC-CTCN Meeting Notes

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TEC Day 1 (March 21, 2023) Notes:

Agenda Item 1 -

- First meeting since the establishment of the Joint Work Programme (2023-2027) and Rolling work programme (2023-2027)
- New TEC members:
 - 1) Lennox Gladden (Belize)
 - 2) Harun Or Rashid (Bangladesh)
 - 3) Ping (China)
- GCF, Adaptation Fund, WIPO, UNIDO, and UNEP all in attendance

Agenda Item 2 - Organization meetings

- New Chair - Stig Svenningsen (Norway - Annex I)
- New Vice Chair - Ambrosio Yobabnolo Del Real (Chile - Non-Annex I)

Agenda Item 3 - Updated on events, meetings, and initiatives

- COP 27 Updates
 - Joint Report of the TEC and CTCN (COP27 agenda item SBI 17(a))
 - Feedback on the first joint work programme was positive, and it was “welcomed”
 - Discussions on strengthening NDE engagement
 - Goal of adding one annex I and one non-annex I TEC members
 - Linkages between financial mechanism and technology mechanism (COP27 agenda item SBI 17(b))
 - Procedural conclusion at COP 27 to take up the issue at the SBI meetings in June, while also taking into account the draft negotiation text
 - Periodic assessment pursuant to paragraph 69 of the Paris Agreement (SBI 17(c))
 - Request of inclusion of annual reports
 - Welcomed joint work programme
 - Global Stocktake will consider challenges identified
 - SBI 64 to initiate the second periodic assessment
 - Poznan strategic programme (SBI 17(d))
- 2023 Outlook
 - Upcoming meetings SBI 58, SBI 59, COP 28, CMA5,
 - Agenda items here will include: Joint annual report of TEC and CTCN & Linkages between Tech Mech and Fin Mech
 - First global stocktake: Two technical dialogues have already passed, third is in June 2023, see above for same/complimenting info on global stocktake

Agenda Item 4 - Technology Executive Committee strategy session for the implementation of the rolling workplan for 2023–2027, as part of the joint work programme of the Technology Mechanism:

(a) - Responding to the mandates of Parties and invitations to the TEC by the COP & CMA

- Focus on bettering increasing communication to enhance visibility of TEC and Technology Mechanism
 - Discussions in agreement on continuing to facilitate involvement and collaboration between TEC and CTCN
 - CTCN Chair stressing the importance of better TEC engagement with NDEs
 - (c) - Collaborative partnerships and engagement of the TEC with National Designated Entities**
 - Further discussions on finding a role for collaboration between the TEC and NDEs
 - Currently very limited awareness of the TEC and its work by NDEs
 - Ideas such as workshops and consultations mentioned as well as regional forums which have worked well in the past for other areas
 - CTCN Chair (Omedi) → turnover of NDEs is an issue with developing countries → TEC could play a role in communication
 - Need to expand the work of the TEC beyond just putting out reports
 - Need to establish more partnerships
 - Discussions on how to establish partnerships: UNFCCC partnerships should be easy. Determine what the goals of the partnerships and look at establishing a set number of partners.
 - Consider partnerships with CTCN network members
 - (b) - Modalities of work for implementing the TEC rolling workplan for 2023-2027**
 - For each activity:
 - Two TEC members will lead the activity (VC and Chair)
 - Identify and engage with partner organizations
 - Have an opportunity for all TEC members to engage each activity once it is confirmed
 - Emphasis on the fact that this is how the TEC operates, not the CTCN
 - (d) - Different types of knowledge product as TEC outputs, and key messages and recommendations to Parties that may arise from the knowledge products**
 - Concern about the prevalence of mitigation work and the lack of a similar presence for adaptation work
- Item 5 – Implementation of the rolling workplan for 2023-2027**
- (a) – NSI, Collaborative RD&D, and General Purpose Technologies:**
- Can use this report to look at the six examples to potentially replicate them and improve upon them with the CTCN be proactive and use this report once it is published

TEC 26 Day 2 (March 22, 2023) Notes:

Item 5 - Implementation of the rolling workplan for 2023-2027:

(b) - TNA and technology planning tools to support NDC implementation:

- **i. Gap assessment of guidance on TNA as the basis for initiating the update of the guidance**
 - Lack of knowledge on TNA processes from developing countries (**Harun from Bangladesh** → He is the NDE and does not even know if there is a TNA coordinator in his country)
 - Overall goal is to support developing countries in updating their TNAs

- Discussions on improving integration with TNAs and other UNFCCC processes
- Look into ways to make the process of updating or creating a TNA more efficient and effective
- WIPO → potential to involve WIPO's "Green Technology Book" which was launched at COP 27
- **ii. - Event with financial actors to raise awareness of TNA results**
 - Want to involve implementation bodies of the Financial Mechanism, relevant foundations, NDEs, notable and prestigious speakers, and other financial actors.

(c) - Transformative and innovative solutions:

- ii. Transformative industry
 - General agreement that TEC should take care to not duplicate work being done by others (IEA as an example)
 - Looking to potentially work with UNIDO
 - Several discussions on green steel and cement (Germany NDE and Thailand observers)

(d) - Collaboration and engagement with other UNFCCC processes and constituted bodies and other UN agencies:

- **i. Collaboration and engagement with the Standing Committee on Finance and the operating entities of the Financial Mechanism.**
 - GEF:
 - GEF funds are available to developing countries to meet the objectives of the international environmental conventions and agreements
 - \$5.3 billion (resources are competitive)
 - Noted that almost all of the GEFs work has a technology aspect
 - GEF is working more to engage NDEs
 - General GEF methodology is that for every \$3 from countries that is spent on a project, it will give \$1 to a country
 - Serves as extra resources to incentivize participation
 - GEF looks to the TEC for collaboration in the design phase of its program
 - GCF:
 - COP 27 guidance to the GCF included focussing on incubators and collaboration with Technology Mechanism
 - Issues raised regarding the 16 month timeline being too long
 - Specific note of technology advancing faster than the projects being completed (Mareer - Maldives)
 - GCF maintains that the 16 month time period is pretty standard across other financial bodies
 - Discussions on more large scale project proposals as opposed to readiness projects (capacity building)

(a) - NSI, Collaborative RD&D, and General Purpose Technologies:

- **v. Emerging and transformational adaptation technologies.** (Document TEC/2023/26/8)
 - A lot of interest in the “sectoral topic” of “early warning systems”
 - Also support for the topic of forestry and agriculture

(c) - Transformative and innovative solutions:

- **i. Thematic dialogue in collaboration with FAO on the water-energy-food nexus** (Document TEC/2023/26/11)
 - Discussion on event that TEC is planning for SB in June 2023 and at COP 28 in December
 - Want to involve others such as Coronivia (or the successor of it, as established at COP27)
 - Pakistan’s Muhammed stressed irrigation systems should be included as a topic as it is a huge issue in Pakistan and the region.
 - Desire to add a gender equality aspect
 - Some concerns that the events are covering too much ground given time constraints

Agenda item 9 - Other matters

- **(a) observer engagement under the UNFCCC**
 - Ended up allowing all virtual observers to participate in TEC 26 and the discussion for future meetings will be continued
 - General support for treating all observers (in-person and virtual) equally

Agenda item 5 (see above)

- **(a)(ii) - National Systems of Innovation: facilitating access to financing from climate funds for innovation and transformational impact**
 - Adaptation Fund looking to expand its partnership network with finance mechanisms
 - TEC has been invited to keep the Adaptation Fund updated of its activities on TNA workstreams this is important in looking at Adaptation Fund proposals
 - Emphasis on collaborating with CTCN here
 - CTCN Secretariat → CTCN has been working with the Adaptation Fund for 3 years
 - Collaboration has been focussed on large scale projects
 - Other emphasis on TEC and CTCN involving one another in all of their work

TEC 26 Day 3 (March 23, 2023) Notes:

- WIPO Presentation on its new “Green Technology Book”
 - First edition was launched at COP 27 and focusses on adaptation and water and coastal areas (Was a partnership between CTCN and Egyptian climate agency)
 - Second edition of the “Green Tehcnology Book” will be launched at COP 28
 - It is supposed to be light on text and easy to read
 - Lots of engagement online → especially from Indian internet users

Agenda item 5

- **(c). Transformative and innovative solutions:**
 - **iii. Innovative Ocean Climate Solutions.**
 - TEC participated in ocean dialogue last year and it was very useful
 - This supports the workplan emphasis on working in this area
 - This goes with discussions yesterday about early warning system
 - Proposal here will be to take into account Stephen’s (Greece) comments and the two leads (whoever they end up being) will decide the specific topic for the event
- **(d). Collaboration and engagement with other UNFCCC processes and constituted bodies and other UN agencies:**
 - **ii. Collaboration and engagement with the Paris Committee on Capacity Building;**
 - TEC participated as speaker in the PCCB webinar for building capacity for green jobs
 - Breif discussion on the relevance of the TNA process to the Needs and Gaps (NAGs) work.
 - UN Environmental Programme (UNEP) offered to provide help on TNAs
 - **iv. Collaboration and engagement with the UNEP- Copenhagen Climate Centre.**
 - Presentation on report from UNEP-CCC that focusses on providing scientific and policy relevant aspect of technology transfer (Launched at COP 27)
 - Ch. 1 - Feasibility assessments
 - Ch. 2 - Governance: lower progress on finance
 - Ch. 3 - Finance: Access, cost, support for enabling environment (capacity building, etc.)
 - Ch. 4: Climate Technology Progress in the **African** context
 - TEC contributed throughout the process
 - This years report is expected to be released Oct. 26, 2023 ahead of COP 27
 - The plan is to change the region with where the COP is located (thus the African focus in the first one leading up to COP 27 in Egypt)_
 - TEC members mention desire for CTCN input here

- Also calls for more quantifiable data in the future
- Look for input from someone from the region of focus on the steering committee
- WIPO → look to identify an end goal, such as improving the focus on adaptation technologies opposed to mitigation.
- UNEP-CCC response → quantifying a gap is generally hard

Agenda item 6 – Gender Mainstreaming

- TEC gender balance is not good at all
- Worse in 2022 than in 2021
- Out of 5 new TEC members, only 1 is female
- Stephen (Greece) → “Perhaps it would be good for a member of RINGO to look at how long it would take to achieve gender balance”
- Female gender focal point needed → New gender focal points are 2 males because of a lack of women on the TEC

Agenda item 5(d)(iii) - Collaboration and engagement with the UNFCCC Gender Team

- Some worry that the report is not focussed enough on actual technology transfer and on climate (be more explicit about it)
- Some discussion on acknowledging social norms in some countries (Maldives as an example → usually the men pick up the kids from school in urban areas, where in more rural areas it is often the women)

Agenda item 7 - Monitoring and evaluation of the impacts of the work of the Technology Executive Committee. (Doc. TEC/2023/26/14)

- Previous themes were on the five area of the Technology Framework
 - This is changed to four strategic workstreams
 - Workstream 1 - National Systems of Innovation, Collaborative Research, Development and Demonstration and General-Purpose Technologies
 - Workstream 2 - Technology needs assessments and technology planning tools to support NDC implementation
 - Workstream 3 - Transformative and innovative solutions
 - Workstream 4 - Collaboration and engagement with other UNFCCC processes and constituted bodies and other UN agencies
- Each output is still mapped back to the Technology Framework
- The five key themes in the Technology Framework are still used for guiding the work
- Issues with the survey of NDEs for the TEC, largely surrounding the low involvement of NDEs with the TEC (much more involved on the CTCN side)
- Calls to update the CTCN’s monitoring & evaluation (M&E) process → CTCN Chair is up to looking into it

Joint TEC-CTCN Joint Session Day 4 (March 24, 2023) Notes:

Agenda Item 1 - Welcome remarks

- Director General at the Korea Ministry of Science and ICT welcomed all to the session
- Address by **Daniel Violetti** (Senior Director UN Climate Change)
 - First ever session outside from the TEC in Bonn, and the CTCN in Copenhagen
- COP27 Presidency Team - **Sara Elkhoully** thanked the TEC/CTCN members for engaging in the COP27, and support in the Sharm El-Sheik Implementation Plan.
- Incoming COP28 Presidency- **Abdelaziz Harib Al Tunaiji** - the UAE look forward to collaborating with partners to leverage on digitalization and AI technologies to accelerate solutions to tackle the Climate crisis.

Agenda Item 2 - Opening remark by CTCN AB Chair (Omedi Moses Jura)

- The purpose of the joint session of the TEC-CTCN is:
 - Provide a reflection on the outcome of the COP27 in Sharm El-Sheik on technology and the Global Stock Take (GST),
 - Share up-to-date information and feedback from activities of both TEC & CTCN,
 - Take stock of progress and provide guidance for the implementation of existing joint activities,
 - Operationalization of the Joint work programme of the Technology Mechanism 2023-2027

Agenda Item 3 - Organizational matters

- **CTCN meeting agenda adoption**
 - TEC vice chair presented the revision of the mandate outcomes from COP27:
 - Stephen Minas proposed adding potential involvement of CTCN in the UNFCCC report under agenda 23-“other matters”
 - The agenda was adopted
- The **minutes of previous CTCN Advisory Board meeting** was adopted
- **Introduction of new TEC and CTCN Advisory Board members**

New TEC members:	New CTCN AB
Omar Alcock (Jamaica)	Christopher Ahlgren(EU)
Lennox Gladden (Belize)	Azil Alhati (Saudi Arabia)
Elena (Ukraine)	Koc (South Korea)
Harun Or Rashid (Bangladesh)	Annie Prigi (Canada)
Zhong Ping (China)	Justin (BINGO)

Agenda Item 4 - Matters related to the TEC and CTCN

- **Overview of relevant outcomes for the Technology Mechanism of COP 27 and CMA 4** presented by **Bhava Dhungana**, Team Lead UNFCCC secretariat
 - See above at TEC meeting. Please refer TEC Agenda Item 3 on Day 1.

- Summary of the guidance from the COP and CMA
 - Continue undertaking joint work and enhance the exchange of systematic feedback with a view to ensuring coherence and synergy and effective implementation of the Technology Mechanism.

Outreach	Reporting	Activites
- Jointly pursue collaborative partnerships and strategic engagement - Jointly enhance resource mobilization efforts	- Include information in their joint annual reports - Report on how both bodies have reponded to the mandates of parties in the Implementation of their work - Explore the opportunity of establishing an integrated Monitoring & Evaluation framework	- Jointly finalize the development of the gender roster of emale experts - Co-creation of knowledge products - Stregtening engagements with the NDEs, through <u>feedback seeking</u>, <u>regional forums</u>, and <u>outreach</u> - Integrate relevant lessons learned when implementing the joint workprogramme of the TM for 2023-2027

- It was noted to incorporate the invitations and mandate outcomes from the COP27/CMA4 into the TEC-CTCN joint work programme
- **Presentation on the technology component of the Global Stocktake;** presented by **Ariesta Ningrum**, Manager,Technology sub-division
 - First GST: 2 years- started at CMA3 (Nov 2021)- will be concluded at CMA5 (Nov 2023)
 - Three components of GST1
 - Information collection and preparation - started at CMA3
 - Technical Assessment- Started June 2022 - June 2023
 - Consideration of outputs - Will kickoff in April 2023 - Nov 2023
 - Technical Dialogue (TD): Three meetings: TD1.1 at SB56 (June 2022), TD1.2 at SB57 (Nov 2022) and TD 1.3 at SB58 (June 2023)
 - Key takeaway from TD1.1 (“the what”)
 - Unit cost of some technologies have reduced by 80%
 - Governments have a major role to play in international cooperation on innovation
 - Key takeaway from TD1.2 (“the how”)
 - International cooperation is needed across the technology cycle
 - Importance of supporting countries to identify their contextual specific technology needs and how to implement ehir privatised technologies.
 - Fred (Uganda) asked- How to capture those technological innovations outside of the Technogy Mechanism?
- **Update on the work of the TEC and reflections on synergies with the CTCN by TEC Chair;**
 - The TEC chair presented issues discussed at the TEC meeting. See above.
 - Key takeaway: Modalities of work: each observer constituency will be invited to nominate members for each of the 16 activities of TEC rolling workplan (9 x 16)

- The need for TEC to consider providing funding to support constituencies to attend those taskforce meetings
- **Update of CTCN activities and reflections on synergies with the TEC by- CTCN AB Chair**
 - The Technology Mechanism (TM) in 2022
 - CTCN Partnership and Liaison office open in Korea.
 - Development of the Joint Work Programme of the TM for 2023-2027
 - CTCN Update
 - The Korean government provided a \$10million grant used for the CTCN office space, and awarding grants for innovation, implementation and R&D.
 - Innovation
 - Adaptation Fund Climate Innovation Accelerator Programme
 - Youth Climate Innovation Labs & Academy in the MENA region
 - Launch of the Africa Innovates Magazine, 2nd edition at COP27
 - Implementation
 - 360 Technical Assistance Requests from 107 countries: 11% from SIDS, 26% from LDC, and 63% from other developing countries
 - CTCN notes the Gender gap on digitalization and suggests the establishment of a Joint Taskforce on gender to guide the implementation of the joint work programme of the technology mechanism.