

TEC26 item 8 (a)/ AB21 item 4.1

# Technology in the Global Stocktake

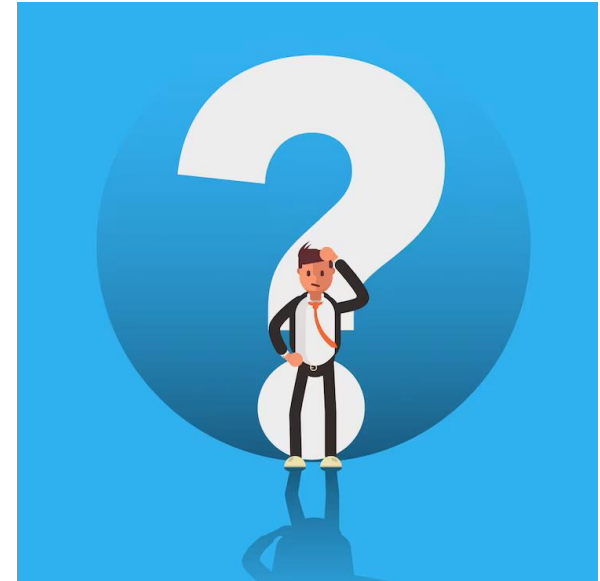
TEC-CTCN Joint session  
24 March 2023, Songdo, Korea



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## What is Global Stocktake?

A process designed to ‘take stock’ of the implementation of the Paris Agreement and assess progress towards achieving the goal to limit global warming to 1.5 degrees Celsius.



The global stocktake will provide critical information for countries and stakeholders to see what progress has been made on meeting the Paris Agreement goals, as well as identify any remaining gaps and opportunities for increased action.

## **First Global Stocktake: CMA 3 (Nov 2021) – CMA 5 (Nov 2023)**

Three components of GST1:

- Information collection and preparation
- Technical assessment
- Consideration of outputs – CMA 5

**Technical dialogues (TD)** : aims to develop a shared understanding of the latest information on the implementation of the Paris Agreement and progress towards the purpose and its long-term goals, based on the best available scientific information.

**Three meetings of the TD: TD1.1 at SB 56 (June 2022), TD1.2 at SB 57 (Nov 2022) and TD 1.3 at SB 58 (June 2023).**

TD formats: plenary sessions, round tables, world café – technology development and transfer one of the topics discussed



## Technical Dialogue 1.1 (June 2022) – the “what”

### Roundtable discussion on technology development and transfer:

- State of efforts on technology
- International cooperation on innovation
- Overall progress on (national) systems of innovation

### World café discussion on technology development and transfer:

- investments in international cooperation
- emerging technologies and needs
- joint research and development initiatives

## Key takeaways from TD 1.1:

1. The unit costs of some technologies have reduced by up to 80%, creating large opportunities including for sharing of benefits.
2. Despite such reductions, barriers and challenges for other technology options, both for adaptation and mitigation, continue to exist particularly at the institutional and systemic levels.
3. Governments have a major role to play in international cooperation on innovation and creating enabling environments for national systems of innovation and technology transition.
4. Future sessions could benefit from further considerations on actors can use various enablers and tools to overcome the challenges and promote stakeholder engagement within national systems of innovation and international cooperation on technology development and transfer.



## Technical Dialogue 1.2 (November 2022) – the “how”

### Roundtable discussion on technology development and transfer:

- Actions/activities in innovation and technology development/transfer should be supported through international cooperation that can effectively contribute to strengthen national system of innovation, technology (research and) development and technology transfer, taking into account national and local circumstances
- Enablers, innovative approaches and support needed to accelerate the uptake of existing and boosting new technologies (including endogenous technologies and indigenous practices), in adaptation and mitigation

### World café discussion on technology development and transfer:

Technology and innovation cooperation: Tools, actors and systems

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## Key takeaways from TD 1.2:

What actions should be supported to strengthen innovation systems and implementation of technologies?

1. Identifying technology needs and support for the full implementation of those technology needs
2. International cooperation across the technology cycle
3. Long term strategies and planning
4. Capacity building of local and non-state actors
5. Need investment in climate technologies – both public and private financing

Summary report : End March

Informal consultations by the Co-Facilitators: Mid-End April

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## Consideration of outputs

Outputs would (as per dec 19/CMA.1 para 34):

- Identify opportunities and challenges in enhancing action and support n collective progress by themes
- Identify possible measures and good practices and international cooperation
- Summarize key political messages, including recommendations for strengthening action and enhancing support

Consideration of outputs consists of **high-level events** where the findings and implications of findings are presented and discussed by Parties.

The events are chaired by a high-level committee made up of the CMA Presidencies and the Chairs of the SBSTA and SBI





SBSTI and SBI invited submissions by **15 February 2023** on views on the approach to the consideration of outputs of GST 1

Chairs of SBs to hold:

- Consultations on preparations for consideration of outputs (**Apr 2023**)
- In-person workshop to develop elements for consideration of outputs (**October 2023**)

Presidencies

- Held multilateral consultations on elements included in the GST outcome, steps to be taken between now to COP28, how different processes can contribute to successful GST outcome (**9 March 2023**)



*Thank you!*

