

Agenda item 5

# Draft concept note on scope and sources of inputs for the global stocktake on matters related to climate technology development and transfer

TEC/2021/23/13

Technology Executive Committee, 23<sup>rd</sup> meeting

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## Background

- Article 14, paragraph 1, of the Paris Agreement states that the **CMA shall periodically take stock of the implementation of the Paris Agreement** to assess the collective progress towards achieving the purpose of the Agreement and its long-term goals
- CMA shall undertake its **first GST in 2023** and every five years thereafter
- CMA decided that the GST process will consist of the following components:
  - a) Information collection and preparation**
  - b) Technical assessment**
  - c) Consideration of outputs**

## Role of the TEC

- As part of the information collection and preparation for the GST, the CMA is requesting/inviting the preparation of **13 synthesis reports** to be completed in March 2022
- The CMA invited **all relevant constituted bodies** and forums under or serving the Paris Agreement and/or the Convention, **including the TEC, to prepare** for the technical assessment, with the assistance of the secretariat, **synthesis reports in their area of expertise**

## Guidance by the SB Chairs

- CMA 1 requested the SB Chairs to develop **guiding questions for the GST**
- **SB Chairs prepared a non-paper** to prepare for the first GST, including guiding questions for all components of the GST

The guiding questions in the non-paper are meant to:

- a) guide the collection and preparation of information for the GST;**
  - b) inform the technical assessment of the GST; and**
  - c) facilitate the identification of key aspects for the high-level consideration of the outputs that will summarize key political messages of the GST.**
- **Constituted bodies** were encouraged to **focus on synthesizing the outcomes of their own work**

## Possible scope and sources of input for the synthesis report

### Guiding questions by SB chairs

- **What are the barriers and challenges, including finance, technology development and transfer and capacity-building gaps, faced by developing countries (§36(f))?**
- What is the state of **progress on provision of means of implementation** and support and mobilization and provision of support, including the information referred to in Article 9, paragraphs 4 and 6, **Article 10, paragraph 6**, Article 11, paragraph 3, and Article 13, in particular paragraphs 9 and 10, of the Paris Agreement (§36(d))?
- What is the overall progress made towards achieving the long-term vision on the importance of fully realizing technology development and transfer in order to improve resilience to climate change and to reduce greenhouse gas emissions referred in **Article 10.1? What is the state of cooperative action on technology development and transfer (Article 10.2)?**
- What are good practices, experience and potential opportunities to enhance climate action, including international cooperation, on mitigation and adaptation and to increase support under Article 13, paragraph 5, of the Paris Agreement ((§36(g)). Which of these can be transferable or replicated by others?

# Possible scope and sources of input for the synthesis report

## Types of information for the synthesis reports

Author	Mandate for report(s)	Scope of report(s)	Types of information for report(s) (19/CMA.1, para 36)							
Constituted bodies and forums and other institutional arrangements, <sup>a</sup> with the assistance of the secretariat are invited to prepare SYRs on:	19/CMA.1, para 24	The information identified in para 36 in their areas of expertise	(a) The state of greenhouse gas emissions by sources and removals by sinks and mitigation efforts undertaken by Parties, including the information referred to in Article 13, para 7(a), and Article 4, paras 7 <sup>c</sup> 15 and 19, of the Paris Agreement	(b) The overall effect of Parties' NDCs and overall progress made by Parties towards the implementation of their NDCs, including the information referred to in Article 13, para 7(b), of the Paris Agreement	(c) The state of adaptation efforts, support, experience and priorities, including the information referred to in Article 7, paras 2, 10, 11 and 14, of the Paris Agreement, and the reports referred to in Article 13, para 8, of the Paris Agreement	(d) The finance flows, including the information referred to in Article 2, para 1(c), and means of implementation and support and mobilization and provision of support, including the information referred to in Article 9, paras 4 and 6, Article 10, para 6, Article 11, para 3, and Article 13, in particular paras 9 and 10, of the Paris Agreement. This should include information from the latest biennial assessment and overview of climate finance flows of the Standing Committee on Finance	(e) Efforts to enhance understanding, action and support, on a cooperative and facilitative basis, related to averting, minimizing and addressing loss and damage associated with the adverse effects of climate change	(f) Barriers and challenges, including finance, <u>technology</u> <sup>b</sup> and capacity-building gaps, faced by developing countries	(g) Good practices, experience and potential opportunities to enhance international cooperation on mitigation and adaptation and to increase support under Article 13, para 5, of the Paris Agreement	(h) Fairness considerations, including equity, as communicated by Parties in their nationally determined contributions

<sup>a</sup> Currently Adaptation Committee, the Least Developed Countries Expert Group, the Technology Executive Committee, the Standing Committee on Finance, the Paris Committee on Capacity-building, the Executive Committee of the Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts, the Consultative Group of Experts, the forum on the impact of the implementation of response measures, and the Local Communities and Indigenous Peoples Platform Facilitative Working Group.

<sup>b</sup> Including based on the outputs of the periodic assessment of the Technology Mechanism (16/CMA.1).

<sup>c</sup> The forum on the impact of the implementation of response measures will summarize its outcome in accordance with the relevant elements of its modalities, work programme and functions pursuant to decision 1/CP.21, paragraph 34.

## Possible scope and sources of input for the synthesis report

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## Annotated outline and possible sources of information

- **Introduction and mandate;**
- **Current state of and progress made in climate technology development and transfer**, drawing on the joint annual reports of the TEC and the CTCN and its work on monitoring and evaluation of the work of the TEC (19/CMA.1, para. 36 (d)) ;
- **Experience: Challenges and good practices (examples)**, drawing on the analytical work of the TEC under the various themes of the technology framework, including innovation, implementation, enabling environments and capacity building and support (19/CMA.1, para. 36 (f));
- **Potential opportunities to enhance international cooperation**, drawing on the joint annual reports of the TEC and the CTCN, as well as the analytical work of the TEC under the various themes of the technology framework (19/CMA.1, para. 36 (g)).

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### Possible next steps

#	Activities	Timeline
1	Prepare TEC synthesis report as input to the technical assessment phase of the GST	Prepare intersessionally for consideration at TEC24 (2022)
2	Organize a webinar prior to the start of the technical assessment phase of the GST to clarify assumptions and methodology applied for preparing TECs synthesis report	Before the start of the technical assessment phase of the GST (2022)
3	Consider need for updating the TEC synthesis report in case new or updated information becomes available	Before the end of the technical assessment phase of the GST (2023)



## TEC consideration

➤ The TEC is invited to...

...**consider** the concept note, including the **possible next steps**, and **provide guidance** on further work on this issue.

*Thank you!*



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