

An aerial photograph of a vast tea plantation. The tea bushes are arranged in neat, parallel rows that stretch across the landscape. The color of the tea leaves is a deep, vibrant green. In the lower right portion of the image, several workers are visible, wearing traditional conical hats and dark clothing, engaged in the process of picking tea leaves. The overall scene is one of organized agricultural activity in a rural setting.

Further work on innovation and mapping of enabling environments and barriers

Technology Executive Committee
16th meeting

In this presentation

1. Who is the taskforce
2. Mapping enabling environments and barriers
3. Further work on innovation
4. Expected action



1. Who is the taskforce

Taskforce on innovation and research, development and demonstration

TEC members

Mr. Birama Diarra, Mr. Ian Lloyd, Ms. Duduzile Nhlengethwa-Masina, Ms. Claudia Villasana, Mr. Michael Rantil, Mr. Kashefi Kazem, Mr. Naoki Mori, Mr. Robert Berloznik

CTCN Advisory Board

Mr. Samuel Adeoye Adejuwon

Mr. Karsten Krause

Mr. Ambuj Sagar

Observer organizations

BINGO: Ms. Mary Stewart – Sustainable Business Australia

ENGO: Mr. Dalindyabo Shabalala – Center for International Environmental Law

RINGO: Ms. Heleen de Coninck – Radboud University Nijmegen



An aerial photograph of a lush, green landscape featuring terraced rice fields. The terraces are arranged in a series of curved, concentric lines that follow the contours of a hillside. The fields are filled with young rice plants, and the surrounding area is densely forested with various types of trees and vegetation. The overall scene is vibrant and shows a harmonious blend of human agriculture and natural environment.

Mapping enabling
environments and barriers

Mandate

TEC mandated to:

Recommend actions to address barriers to technology development and transfer in order to enable enhanced action on mitigation and adaptation

Decision 1/CP.16

In current workplan, TEC decided to:

2.1. Map TNAs, NDCs and CTCN requests regarding enabling environments and barriers

2.2. Based on 2.1, identify policies and strategies to improve enabling environments and address barriers

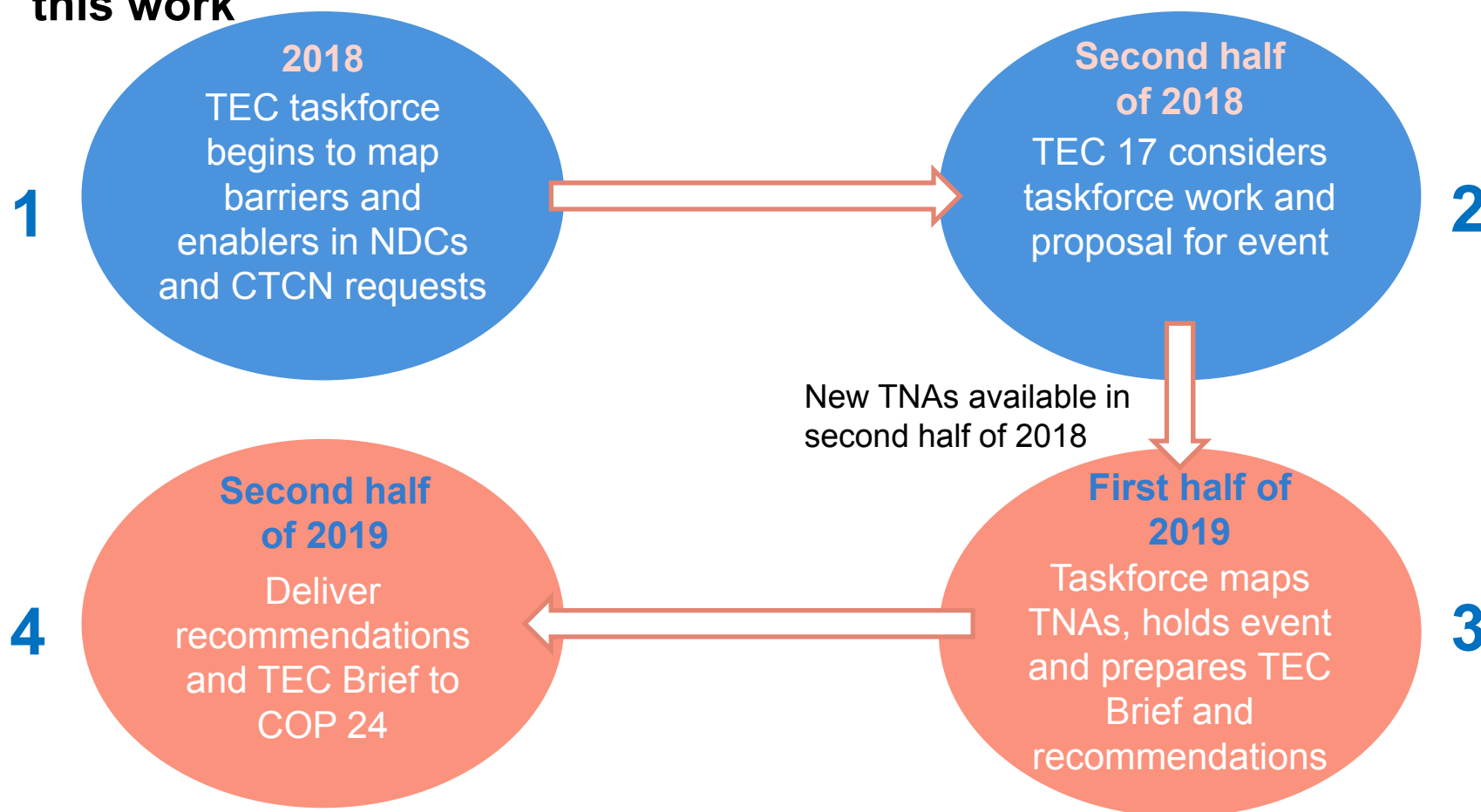
And also decided to undertake related communication and outreach activities (workplan activities 20, 24.1 and 24.2)



Work so far

- In 2017, taskforce prepared a concept note for undertaking this task (see document: TEC/2017/15/14)
- In late 2017, taskforce initiated work on this task and prepared a terms of reference
- It decided to focus on mapping barriers and enabling environments contained in NDCs and CTCN requests in first half of 2018 (see next slide). The task force will initiate this work following TEC 16

Possible next steps: invite TEC taskforce on TNAs to take on this work



A night sky filled with stars, with the silhouettes of palm trees in the foreground. The text "Further work on innovation" is centered in white.

Further work on innovation

3. Further work on innovation

Mandate

- **Article 10.5 of the Paris Agreement** notes that *“accelerating, encouraging and enabling innovation is critical for an effective, long-term global response to climate change...”*
- **COP 21 requested** TEC and CTCN, in supporting the implementation of the Paris Agreement, to undertake further work on technology RD&D



3. Further work on innovation

TEC 15 requested taskforce to:

- Continue TEC work on innovation and research, development and demonstration in 2018
- It noted that this may relate to:
 - A conceptual consideration of the role of innovation
 - Innovation of emerging climate technologies, such as zero-emission and negative-emission technologies



3. Further work on innovation

Work so far

- In late 2017, the taskforce initiated work on this task. It prepared terms of reference for undertaking this work
- Its first activity in 2018 was to lead the organization of the thematic dialogue on climate technology incubators and accelerators



3. Further work on innovation

Next steps

First half of 2018

Support further work on incubators and accelerators, as necessary

Second half of 2018

- Develop background paper on possible TEC work on innovation of emerging climate technologies, such as zero-emission and negative-emission techs
- This paper to draw on, inter alia, G-STIC 2017 and IPCC



A night sky filled with stars, with the dark silhouettes of palm trees in the foreground. The text is overlaid on the image.

Expected action

The TEC will be invited to provide guidance to the task force on these tasks