

Prompt for breakout discussion a) for Roundtable 1: Mitigation, including response measures (RT M/RM)

Topic: Enhancing global mitigation pathways: Assessing collective progress on mitigation and enhancing ambition, fairness and implementation towards the achievement of the Paris Agreement long-term goals, taking into account nationally determined contributions and long-term low greenhouse gas emission development strategies by Parties

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Short summary of relevant findings from TD1.1

Despite progress, global efforts to mitigate climate change, including through NDCs and LT-LEDS, remain far from the levels needed to achieve the long-term temperature goals of the Paris Agreement. Getting on track will require rapid, deep, and, in most cases, immediate GHG emission reductions across all sectors and systems.

The IPCC finds that a mixture of mitigation strategies and options with a cost of USD100 tCO₂ eq or less could cut global GHG emissions by at least half the 2019 levels by 2030. If well-designed and effectively implemented, many of these mitigation strategies can generate critical co-benefits for sustainable development. International cooperation and action by non-Party stakeholders can also be critical enablers for enhancing climate change mitigation action.

Increased attention to equity and the meaningful participation of stakeholders in decision-making processes can deepen support for transformative climate action. Almost all Parties explained, using different metrics, how they are addressing fairness while considering ambition in their NDCs. Improving Parties' considerations of equity and ambition is critical to accelerating action.

Prompts for discussion at TD1.2

Building on the discussions in TD1.1, discussions under Breakout 1 of Roundtable 1 during TD1.2 will aim to explore *how* Parties and non-Party stakeholders can enhance global mitigation pathways, specifically:

- 1- What near-term steps can Parties take to unlock the system transformations needed, and how can actions communicated in Parties' NDCs and LT-LEDS best accelerate these transformations? How can international cooperation across systems be strengthened to enhance Parties' mitigation actions?
- 2- How can Parties develop a shared and improved understanding of equity, based on the best available science, when considering mitigation ambition and action? What might be the role of focusing on how just transitions can support equity and ambition in mitigation, across different contexts?
- 3- How can action by non-Party stakeholders support efforts by Parties to strengthen climate action? What kind of accountability is needed?