

# Global Stocktake: Guiding Questions for the Information Collection and Preparation Component<sup>1</sup>

This document contains the guiding questions copied from the [non-paper by the Chairs of the Subsidiary Bodies of the UNFCCC](#) (version of 15 September 2021).

## MITIGATION

1. What are the past and present trends of greenhouse gas (GHG) emissions by sources and removals by sinks -and their underlying drivers- and mitigation efforts undertaken by Parties -and their impacts on emissions and removals,<sup>2</sup> including based on the information referred to in Article 13, paragraph 7(a), and Article 4, paragraphs 7, 15 and 19, of the Paris Agreement (para 36(a))?
2. What are the projected global GHG emissions and when will Parties reach global peaking of GHG emissions and achieve a balance between anthropogenic emissions by sources and removals by sinks of GHG in the second half of this century, on the basis of equity, and in the context of sustainable development and efforts to eradicate poverty (Article 4.1 and para 36(b))?
3. What are the trends of the concentration of GHGs in the atmosphere and global average temperature and what global emission pathways are consistent with the goals set out in Articles 2 para 1(a) and Article 4.1?
4. What is the projected increase in the global average temperature,<sup>3</sup> consistent with the aggregated effect of NDCs (para 36(b)) and how can Parties enhance climate ambition and action to reach the goals set out in Articles 2 .1(a) and Article 4.1, in the light of best available science and equity, and in the context of sustainable development and efforts to eradicate poverty?
5. What steps are being taken to scale up investment, including private finance, in relevant sectors?
6. What information is needed for countries to strengthen domestic emissions reductions and removals in line with Paris Agreement goals and what recommendations can be developed to increase ambition?

## ADAPTATION

7. What are the observed and projected changes in the global climate system and biosphere?
8. What are the global levels of climate risks, observed and potential impacts and vulnerability of human and ecological systems caused by climate change and at what temporal scales, (Articles 7.9(c), 13.8 and para 36(b))?
9. What is the state of adaptation efforts, support, experience and priorities based on i.e. the information referred to in Article 7, paragraphs 2, 10, 11 and 14, of the Paris Agreement, and the

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<sup>1</sup> List of guiding questions originally published by the Chairs of the Subsidiary Bodies to the UNFCCC: [unfccc.int/sites/default/files/resource/REV\\_Non-paper\\_on\\_Preparing\\_for\\_GST1\\_forSBs\\_15Sept.pdf](https://unfccc.int/sites/default/files/resource/REV_Non-paper_on_Preparing_for_GST1_forSBs_15Sept.pdf)

<sup>2</sup> For example, the most effective climate and non-climate policies and measures and the circumstances under which they are effective.

<sup>3</sup> See the definition of global warming in the glossary of the IPCC SR1.5.

reports referred to in Article 13.8 of the Paris Agreement (para 36(c)), taking into account the best available science, gender perspectives, traditional knowledge, knowledge of indigenous peoples, and local knowledge systems?

10. What are the support needs of developing country Parties (11/CMA.1, para 31) and to what extent has progress been made towards assessing the support needs of developing country Parties (Articles 7.2 and 7.10)?
11. To what extent has progress been made towards enhancing the adequacy and effectiveness of adaptation and support provided for adaptation (Articles 7.14(c))?
12. What is the overall progress made in achieving the global goal on adaptation stated in Article 7.1, how do national adaptation efforts contribute to this goal (11/CMA.1, paragraph 14) including by contributing to sustainable development and ensuring an adequate adaptation response in the context of the temperature goal referred to in Article 2 (Article 7.1)? What work on methodologies, including metrics, will be needed to better understand that progress and what is further needed?
13. How can Parties increase the ability to adapt to the adverse impacts of climate change and foster climate resilience and low GHG emissions development, in a manner that does not threaten food production, consistent with the goal set out in Article 2.1 (b)?
14. To what extent do adaptation efforts of Parties ensure an adequate adaptation response according to the temperature limits identified by the Paris Agreement?

## MEANS OF IMPLEMENTATION AND SUPPORT

15. What are the barriers and challenges, including finance, technology development and transfer<sup>4</sup> and capacity-building gaps, faced by developing countries (para 36(f))?
16. 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 2, para 1c, 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 (para 36(d))?
17. 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)?
18. To what extent has progress been made on enhancing the capacity of developing country Parties to implement the Paris Agreement (Article 11.3)?
19. What is the state of current global climate finance flows, trends and data gaps? What information is available on efforts to make the financial flows consistent with the pathways towards low GHG emissions and climate-resilient development and what are the knowledge gaps (Article 2.1(c), para 36(d))?
20. How has support provided enabled just transition in developing countries?

## CROSSCUTTING

21. What evidence and methodologies exist for taking stock of the implementation of the Paris Agreement to assess the collective progress towards achieving its purpose and long-term goals, including under Article 2.1(a–c), in the thematic areas of mitigation, adaptation and means of

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<sup>4</sup> Including outputs of the periodic assessment of the Technology Mechanism as referred to in decision 16/CMA.1.

implementation and support, including on efforts to address the social and economic consequences and impacts of response measures and 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 (para 6(b))?

22. What is the overall effect of Parties' nationally determined contributions and overall progress made by Parties towards the implementation of their NDCs, including the information referred to in Article 13, paragraph 7(b), of the Paris Agreement (para 36(b))?
23. 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 13.5 of the Paris Agreement (para 36(g))? Which of these can be transferable or replicated by others? How effective was sharing good practices and experiences on climate action and support, including on enhancing the implementation of adaptation action (Article 7.14(b))?
24. What are the knowledge gaps, including at temporal and spatial scales, and key lessons learned and experiences in gathering, collection and synthesizing information necessary to support a robust global stocktake (para 25)?
25. What efforts have been made towards enhance understanding and addressing the social and economic consequences and impacts of response measures, including while implementing mitigation policies and actions towards the achievement of the Paris Agreement goals and relevant support systems? (Article 4.7, and para 6(b))?
26. What efforts have been made 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 and what progress has been made (paras 6(b) and 36(e))?
27. What information was provided by Parties on fairness considerations, including equity (36(h)), and how has it been reflected in their actions?
28. What information is available in relation to equity in mitigation, adaptation and support to evaluate the fairness and equity of climate contributions based on national circumstances and capabilities?
29. What climate actions have been undertaken by non-Party stakeholders and UNFCCC observer organization and what has been their impact? (para 37(i)) Which ones have worked and what obstacles or barriers have been encountered? (para 36(g))?
30. What additional information is needed to enhance ambition, both of actions to take and support needed to achieve the long-term goals of the Paris Agreement, including by enhancing international cooperation for climate action?
31. What polices are being used to enhance international cooperation on mitigation and adaptation and to increase support?
32. What opportunities can be seized to further bolster cooperation and support for mitigation and adaptation?
33. What climate actions have been undertaken by non-Party stakeholders, including indigenous peoples and local communities and what has been their impact, including obstacles and barriers (paras 37(i) and 36(g))?
34. What efforts have been made towards enhancing the engagement of indigenous peoples and local communities in climate action?