

Context

One of the key features of the Paris Climate Agreement (PA) is the five-yearly Global Stocktake (GST). The purpose of the GST is to review the collective progress towards achieving the purpose of the PA and its long-term goals. The outcome of the GST shall inform the PA's Parties in updating and enhancing their Nationally Determined Contributions (NDCs).

Objectives

NDC ASPECTS will provide inputs to the GST and support the ambitious and gender-responsive revision of existing NDCs, as well as the development of new NDCs for the post-2030 period. Specifically, the project will:

- Assess global and sectoral mitigation potentials and determine benchmarks for collective progress.
- Assess the development and implementation of existing NDCs.
- Systematically identify transformation opportunities, challenges, and trade-offs.
- Derive ambitious yet realistic national pathways and policy options for selected countries.
- Identify and formulate options to enhance governance at the international level.
- Validate and promote the effectiveness and feasibility of the co-created policy and governance options through the active involvement of a broad set of relevant stakeholders and policymakers.
- Disseminate and exploit results.

Methodology

- **Organise Sectoral Conversations** to co-create gender-responsive, evidence-based narratives with sectoral experts and stakeholders.
- **Qualitative policy and governance analysis** drawing on insights generated in political science, law, applied economics, and social science more broadly.
- **Quantitative model-based analysis** translating sectoral and economy-wide narratives into indicators, benchmarks, and fully-fledged pathways.
- **Analysing gender impacts of** mitigation options and pathways.

For more details on the project's work structure, see [Figure 1](#).

Conceptual design

- **Focussing on sectoral systems with limited progress to decarbonisation:** energy-intensive industries, transport and mobility, buildings, and agriculture, forestry, and other land use (see [Figure 1](#)).
- **Securing compatibility at national level:** analyse NDC implementation, transformation challenges, and specific sectoral pathways for 20 selected countries (see [Figure 2](#)).
- **Using a transdisciplinary approach:** bringing together a wide range of academic disciplines and engaging deeply with stakeholders to co-design research questions and co-produce results.

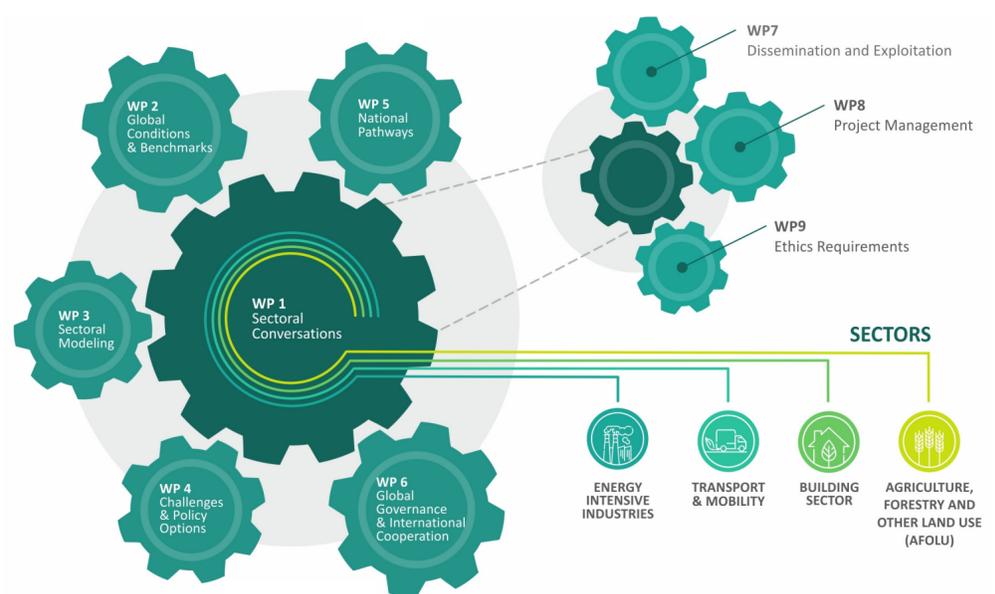


Figure 1. Work structure of NDC ASPECTS, showing all Work Packages (WPs) and the four sectors that the project focusses on.

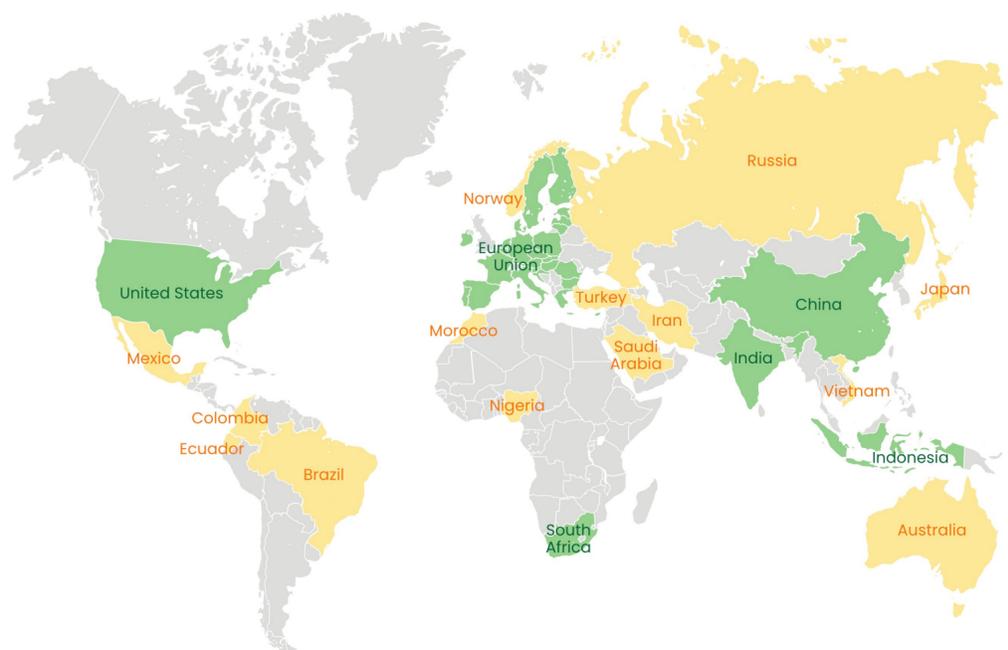


Figure 2. Countries and regions selected for analysis in the project, shown in green and yellow on the map. Green indicates countries/regions that are represented by consortium partners in the project (see logos below).