

Poster Title : Country-driven mid-century low-emission development strategies – Methods and insights from the Deep Decarbonization Pathways Project (DDPP)

Presenter: Henri WAISMAN (IDDRI)

Statement

The invitation for countries to communicate long-term pathways is a key provision of the Paris Agreement, specifically to support domestic implementation and increase of ambition in the 5-year cycles.

The Deep Decarbonization Pathways Project (DDPP) is a global collaborative research initiative which actualizes the process of designing such long-term pathways that reflect national circumstances. And it gives a proof of concept for 6 key domestic benefits that can be expected from doing this exercise:

1. Building emission pathways that are consistent with national circumstances and global climate constraints, *thanks to collective benchmarks guiding the country-driven assumptions.*
2. Selecting the short-term actions needed to follow transformative pathways in the long term, *by starting with the definition of a desirable future and backcasting to it from the present.*
3. Ensuring that low-emission transformations are consistent with the satisfaction of domestic development priorities.
4. Supporting the identification of tangible country-specific actions towards low-emission futures, *by using transparent and sectorally detailed metrics.*
5. Informing the regular revisions of domestic transformations in a context of uncertainties, *by making explicit the challenges associated to different possible pathways, at different time horizons.*
6. Revealing the domestic requirements from international cooperation to serve as inputs for global stocktake, *by identifying the enabling conditions of domestic transformations that depend upon the support from the international community.*

In the future, the DDPP will continue to support the efforts on long-term pathways through its engagement in the 2050 Pathways Platform, directed by Laurence Tubiana, and by sharing lessons learnt with new countries requiring technical support, notably in developing countries