

COUNTRY FACTSHEET

BRAZIL

WHAT ARE THE NATIONAL CIRCUMSTANCES THAT INFLUENCE DEEP DECARBONIZATION IN BRAZIL?

- ▶ Huge availability of renewable natural resources potential, with renewables already accounting for 40% of total energy supply.
- ▶ Low demographic density, high urbanization, and low demographic growth with population stabilisation by 2040.
- ▶ Intensifying the use of current agricultural lands can meet production demands and spare natural vegetation.
- ▶ Huge potential for forest restoration and afforestation schemes in degraded lands providing a substantial sink of GHG emissions.

WHAT ARE THE MOST PROMINENT STRATEGIES TO BE IMPLEMENTED FOR DEEP DECARBONIZATION IN BRAZIL?

- ▶ Keep half of oil production directed to exports and cut of fossil fuels subsidies.
- ▶ Increase sustainable production of biomass and hydropower, minimizing local environmental impacts.
- ▶ Develop energy storage technologies needed to complement renewables.
- ▶ Ensure external financial flow to meet upfront investment costs.

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Illustrative pathway: BR - Deep Decarbonization*

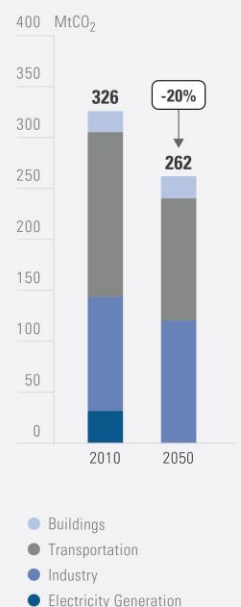
Development indicators from 2010 to 2050



Pillars of decarbonization from 2010 to 2050



Energy-related CO₂ Emissions



*This illustrative pathway is one of the 2 pathways developed in the DDPP country report.