

COUNTRY FACTSHEET

CHINA

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

- Growing economy is still at the top of the political agenda.
- Ongoing urbanization and industrialization processes have long-term implications for emission trajectories and energy consumption.
- Balancing energy security and environmental protection is a significant challenge for the energy system.
- Climate action has the potential to deliver benefit on better growth, better air quality and better energy infrastructure.

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

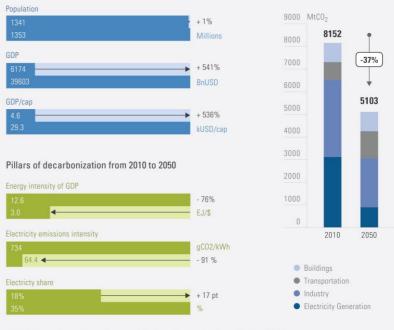
- Promoting the transition from carbon intensity control to total carbon emission control gradually.
- Relying more on market-based measures by developing a reasonable pricing system on GHG emissions.
- Transitioning to a low-carbon energy system by developing non fossil fuel energy infrastructure.
- Advocating low-carbon consumption and promote broad participation by the public.

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Illustrative pathway: CN - High EV*

Development indicators from 2010 to 2050



*This illustrative pathway is one of the 3 pathways developed in the DDPP country report.





Energy-related CO₂ Emissions