

Collaborative Study on Low Carbon Development (LCD) for China and India: *Proposals and Implications*

Launch event of "Low-carbon development: India and China" research project by NDRC, PRC and UNDP on 16 May 2012 in Beijing

Presentation on behalf of India study team

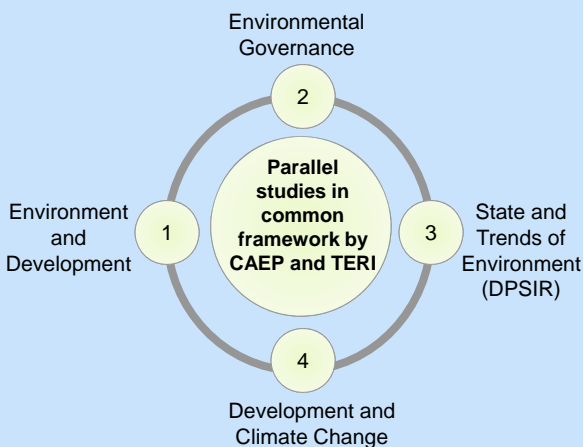


The Energy and Resources Institute (TERI) New Delhi, India

16 May 2012

CCICED-ICSD Collaborative Study on Environment and Development for China and India conducted by CAEP and TERI

Components of the study (2008-2011) that followed a common reporting framework developed by research institutes from China and India



Outputs

- Collaborative exercise for understanding of common environmental challenges
- Research workshops with science-policy interface
- Books (in English and Chinese)

Components of the book

- China Report
- India Report
- Synthesis: What is common? What is different?

CCICED-ICSD Collaborative Study on Environment and Development for China and India conducted by CAEP and TERI (in pictures)

Deliberations and workshops for knowledge exchange

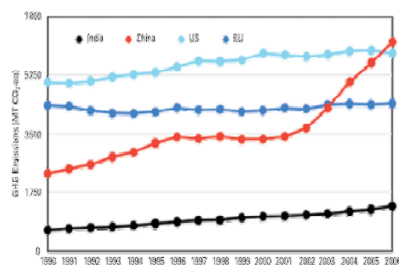


Publication in Chinese and English



Why a Collaborative Study on Low Carbon Development for China and India?

Growth of Total GHG Emissions of Select Countries

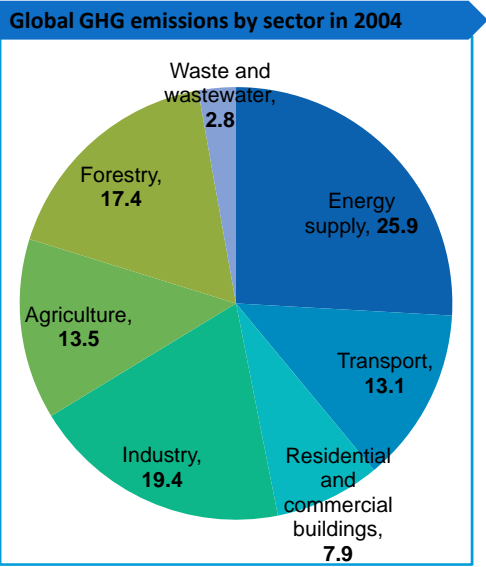


At the 15th session of the Conference of Parties (COP 15) to the UNFCCC, China and India pledged to reduce the emissions intensity of their GDP by 40-45% and 20-25% respectively by 2020 in comparison to their respective 2005 levels.

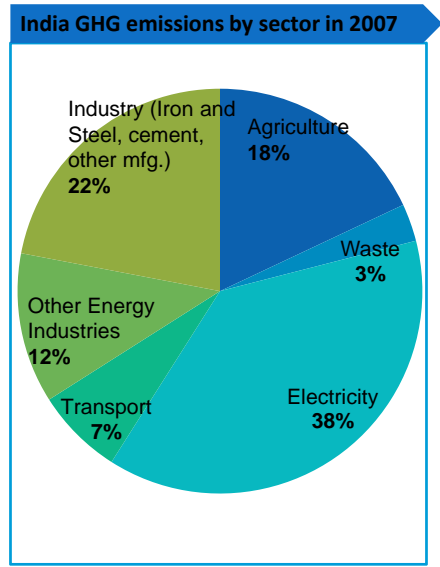
Implications

- Collaborative science-led process to understand issues for the two countries.
- Informed decision-making for cooperative national, regional and global responses to limit global temperature rise to 2°C.
- Measures for informed strategies for green investments, technology, top down (regulatory and fiscal), bottom-up (green entrepreneurship).
- Co-benefits of low carbon growth (energy security, food security, health benefits, addressing local environmental pollution)

Study on Low Carbon Development for China and India: Need for Sector by Sector Analysis

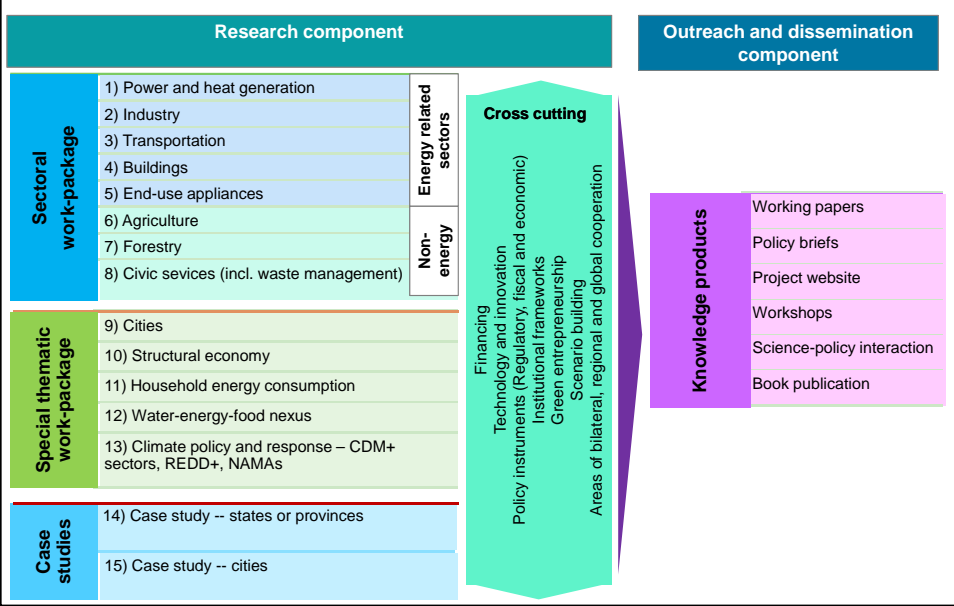


Source: Based on IPCC (2008), WG-III, pg 29



Source: Based on PC (2011), pg 16

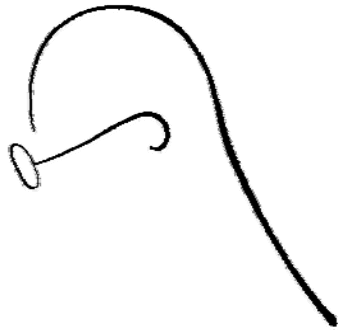
National, Regional and Global Implications: Facilitation of Informed Process for Decision-making



Wisdom Inspired Knowledge Process

At the China-India Strategic Economic Dialogue held at Beijing, China on September 26, 2011, "the two sides agreed to strengthen cooperation on energy efficiency and conservation as well as on environmental protection and actively develop cooperation in energy matters including in the renewable energy sector in order to promote sustainable development."

...and TERI envisions knowledge cooperation as a step in the right direction towards facilitating bilateral cooperation between China and India



Earth provides enough to satisfy every man's need, but not every man's greed

-- Mahatma Gandhi

Thank-you

谢谢！

