

China's Contribution to Paris Agreement

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■ 国家发展和改革委员会能源研究所

■ Energy Research Institute National Development and Reform Commission

Outline of the presentation



- GHG emissions and trend;
- Policies and Measures - updated;
- Preparation for implementing PA
- Summary

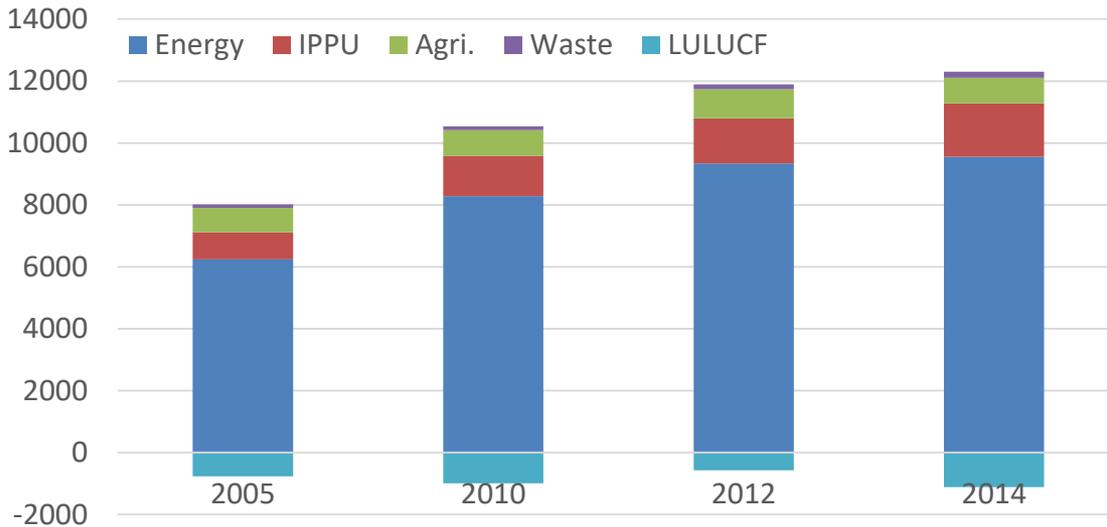


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1. GHG emission and Trend

GHG emission and removal (MtCO₂-eq)



- Fossil CO₂ emission: 27% of the total, 7tCO₂/person;
- Emission grows;
- 2014-2016 plateau;
- 2017-2018 rebounding;

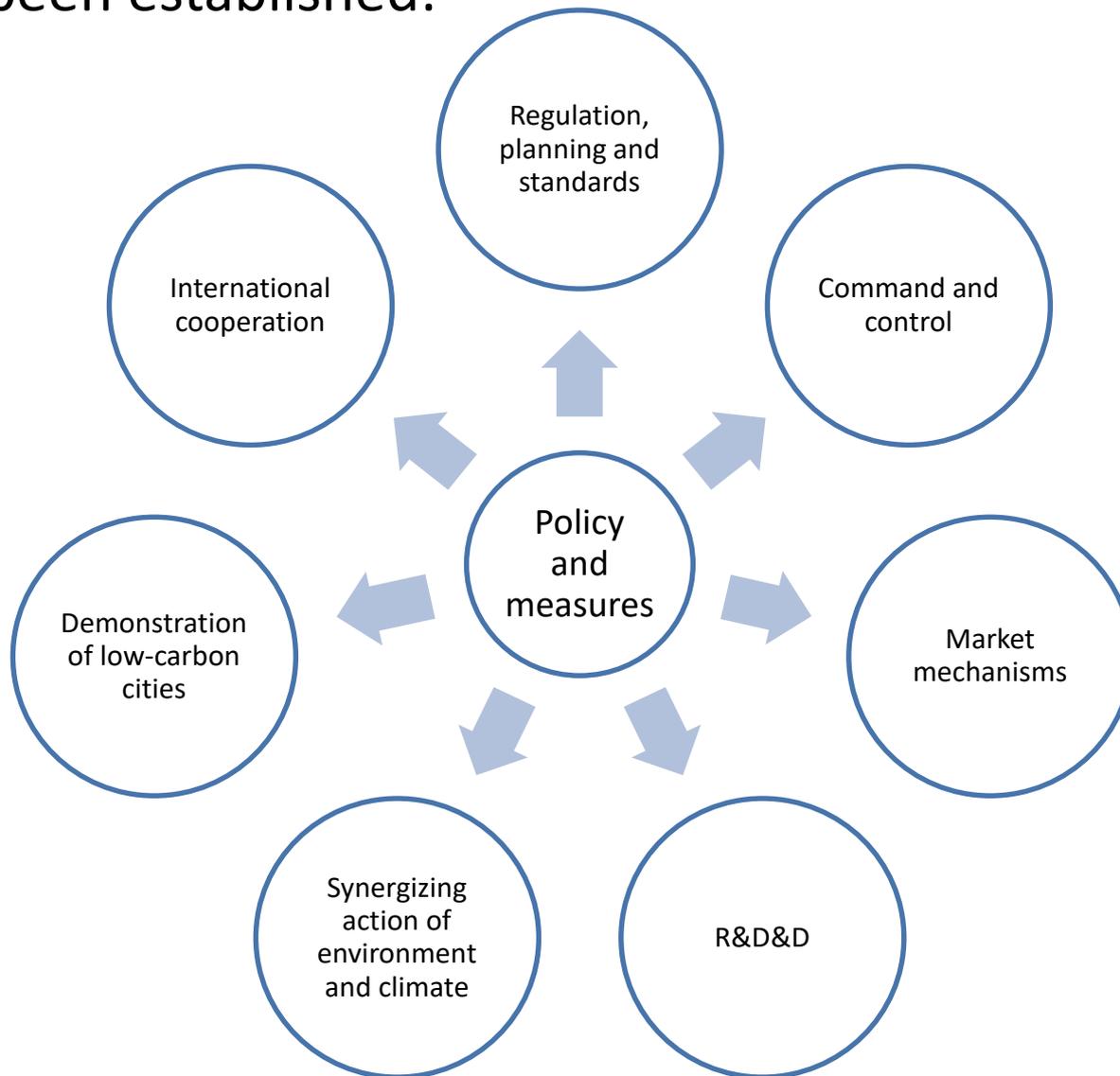
Emission and development



- (Relative) decoupling of emission and economic growth.
- Fulfil NAMAs target 3 years ahead;
- Inclusive development is observed.

2. Policy and Measures - updated

- A comprehensive policy system to address climate change has been established:

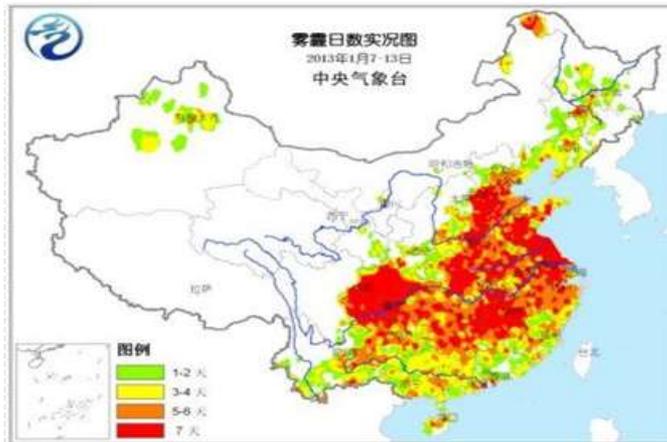


What's new?

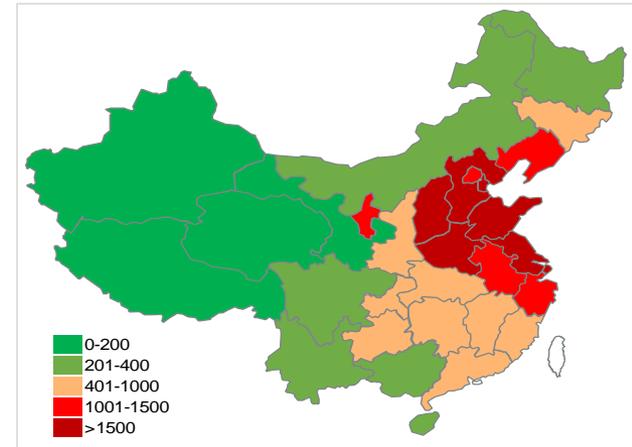
- Institutional arrangements of climate governance re-structured in Mar. 2018.
 - DCC moved from NDRC to MEE;
 - Local arrangements changed as well;
- Climate change policy being in a stage of adjustment.
- The synergizing governance of environment and climate is significantly enhanced.
- Promotion of nature-based solutions: “道法自然” figure out the way to re-evaluate the value of nature in low-carbon and climate-resilient society.

Co-benefits of environment policies to climate mitigation

- Air Pollution Prevention and Control Action Plan in 2013-2017 (“气十条”)
 - Tightly control burning of coal;
 - Phase out energy and pollutant-intensive industries;
 - Improve the quality of oil and phasing out old-dated vehicles;



Large-scaled air pollution in the 2nd week Jan. 2013



Coal consumption density

- A study (to be published) shows preliminarily:
 - SO₂, NO_x and PM_{2.5} reduced by 1.76 Mt, 0.28Mt and 0.11 Mt;
 - CO₂ reduction amounting to 175 Mt.

3. Preparation for implementation of PA urgent tasks



- Communicate or update NDC;
- Submit long-term strategy in 2020
- To be ready to submit BTR from 2024:
 - Annual National GHG inventory by latest IPCC guidelines;
 - National Inventory documents;
 - Subject to expert review.
- Research and capacity building activities are on going.
- (to peak around 2030, as early as possible)

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Summary

- China is now showing the good practices to promote co-governance of environmental and climate issues, and nature-based solutions to climate change;
- Short-term and long-term challenges are there to implement PA successfully.





Thanks for your attention