Policies and measures for energy saving and emission reduction in China’s transport industry

Ministry of Transport, P.R. China

September 26, 2013
The Chinese government committed that by the end of 2020 China will lower its carbon dioxide emission per unit of GDP by 40-45 percent comparing with 2005.
Measures taken by MOT

- Accelerating the change of transport development mode

- Establishing a comprehensive transport system
- Developing modern logistics
- Improve transport capacity and efficiency, saving energy and reducing emission

Optimizing transport infrastructure structure
Optimizing transport equipment structure
Optimizing transport organization structure
Optimizing energy consumption structure
Measures taken by MOT

- **Enhancing technology innovation to support energy saving and emission reduction**
  - key technologies and Trailer Chassis transport
  - Conversion of scientific achievements and advanced technologies into products
  - Phasing out of high energy-consuming transport equipment
  - Increase of the proportion of new energy sources and renewable energy sources.
**Measures taken by MOT**

- Establishing working mechanism and carrying out pilot projects
  - Establishing working mechanism
  - Streamlining relevant laws and regulations
  - Implementing pilot and demonstration projects
  - Launching low-carbon transport action in enterprises

Low-carbon cities  Low-carbon highways  Low-carbon ports
Measures taken by MOT

- Enhancing education and propagation to increase the public awareness and participation
  - Publicizing relevant knowledge in energy saving and emission reduction.
  - Giving full play to the initiatives of the media and other outlets.
  - Calling for green travel.
Establishing three systems

- Energy-saving transport infrastructure network system
- Energy-saving and efficient transport organization system
- Energy-saving and environment-friendly transport equipment system
Carrying out two actions

- **Science and technology action**
  - Development of key and advanced technologies of energy saving and emission reduction
  - Wider use of alternative and renewable energy sources

- **Key enterprises’ action**
  - The special low-carbon action in enterprises
Implementing ten key projects

- Standard on the fuel consumption of operating vehicles and ships
- Demonstration and wider use of energy-saving and new-energy vehicles
- Wider use of Trailer chassis transport
- Green driving and repairing project
- Energy saving and emission reduction project by the intelligent transport system
Implementing ten key projects

- Wider use of the technology of energy saving and emission reduction in highway construction and operation projects
- Green port and navigating channel construction
- Implementation of the energy performance contracting method
- Ship energy efficiency management system and database
- Capacity Building on supervising the energy saving and emission reduction
Thank you!