



China's Efforts in Addressing Climate Change

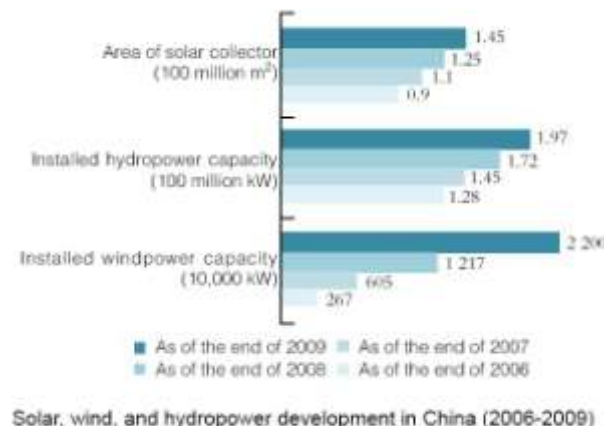
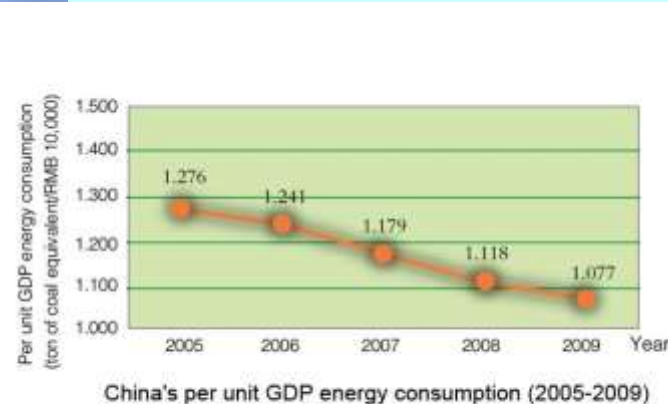
Qingchen CHAO

**Deputy Director General,
China Meteorological Administration
3 Dec, 2010**

We Have Done ----

- **Readjust economic structures;**
per unit GDP energy consumption dropped by 15.61% from 2006-2009
- **Enhanced energy efficiency and utilization;**
- **Optimize energy structure, and develop renewable energy;**
In 2009, non-fossil energy utilization reached 7.8% as a proportion of primary energy consumption
- **Enhanced carbon sink capability;**
195 million hectares of forests, 20.36% coverage, forest volume of 13.721 billion cubic meters
- **Local actions.**
low-carbon demonstrations in 5 provinces and 8 cities

All these efforts are greatly contribution to the GHGs reduction.



Million-Ton-level Coal Liquefaction Industrial installation

- About **13.6 Billion RMB** R&D on mitigating CC invested in S&T projects during past 4 years.
- Organizing and implementing **key S&T demonstrations**

Beijing Olympics Games; Shanghai World Expo; New Energy Vehicles; LED lighting; Renewable Energy ...

- **International S&T Cooperation** on Climate Change
103 S&T agreement with 97 countries



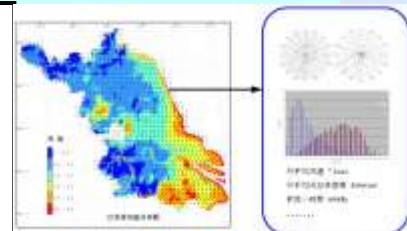
LED lighting Demonstration



Shanghai
World Expo



Wind resource assessment
conducted by CMA



For each wind
renewable zone

In the Future ----

- Impose rational control on the total **energy consumption**;
- Tighten the **performance assessment** about energy conservation targets and responsibilities;
- popularize advanced **technologies and products** for energy conservation;
- Adjust the **mix of energy consumption**;
- Intensify the capacity building for **adapting** to climate change;
- Establish complete and sound **systems** for the statistics and monitoring of greenhouse gas emission, energy conservation, and emission reduction;
- Strengthen the **scientific research** of climate change, accelerate the R&D and application of low-carbon technologies, and gradually establish a market for carbon emissions trade;
- Actively undertake **international cooperation**.

International Partnership

1. Have Done with ADB

Since 1986,

- 163 public sector loans
- \$341 million in grants for 603 technical assistance projects;
- In 2009, 3 private sector projects

Since 1988,

- 24 private sector projects
- Regional Cooperation Initiatives
improving transport networks and border town/city infrastructure

2. Required Support from International Communities

- R&D on New and Renewable Energy
- Further Efforts on Energy Conservation
- Integrate Disaster Risk Management into Adaptation
- Capability Building

The World is at the same boat and must address Climate Change with joint efforts



谢谢！
Thank You!