G8 Plan of Action

IEA reporting on
Energy Technology Perspectives

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Using Long Term Scenarios for R&D Priority Setting
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The G8 Dialogue

Image source: http://en.g8russia.ru/
Gleneagles Communiqué

G8 serious and linked challenges

- Climate change
- Clean energy
- Sustainable development

Brazil, China, India, Mexico, South Africa

- Climate change is a threat to development
IEA will advise on alternative energy scenarios and strategies aimed at a clean, clever and competitive energy future.
IEA Roles in the G8 Gleneagles Plan of Action

- Advise on alternative energy scenarios and strategies
- Transform the way we use energy
  - Energy indicators
  - Buildings
  - Appliances
  - Surface transport
  - Industry
- Powering a clean energy future
  - Cleaner fossil fuels
  - Carbon capture and storage
  - Develop renewable energy IEA Implementing Agreements
  - Electricity grids
- Promoting networks for research & development
  - Enhance the Implementing Agreements and reinforce links with developing countries and industry
Moving Ahead Vigorously: Partnerships

- NEET IEA Technology Collaboration Network
- Major developing countries: Russia, India, China, Brazil
- Industry: WBCSD, Sector Workshops, MOMO
- United Nations CSD Cooperation: Case Studies, Analysis, Event
- World Bank: Energy Week, March 6-8, 2006
- Recent G8 Dialogue Meeting in Mexico
Reporting to G8

- Interim reports in
  - July 2006 (St Petersburg, Russia), and
  - June 2007 (Germany)

- Final IEA report submitted to Japanese G8 Summit in 2008
This innovative work demonstrates how energy technologies can make a difference in a series of global scenarios to 2050.

Reviews in detail status and prospects of key energy technologies in:
- electricity generation
- buildings
- industry
- transport.
Energy Technology Perspectives 2006
(response to the 2005 G8 Plan of Action)

- It assesses ways the world can enhance energy security and contain growth in CO₂ emissions by using a portfolio of current and emerging technologies.

- Major strategic elements of a successful portfolio are
  - energy efficiency,
  - CO₂ capture and storage,
  - renewables and
  - nuclear power.
ETP2008

Focus on

- how to get there
- more regional analysis
- selected technology chapters

Significant part of the final report to the G8 Summit in Japan

Workshop today is a first important step in guiding the analysis on R&D priorities
Thank you!