European Energy Policy

The Coal Dimension

Philip Lowe
Director General

21st June 2010
OUTLINE

- Coal in the EU and Its Virtues
- CCS as Coal’s Ticket to the Future
- Coal Issues Besides CCS
- Coal and CCS in the Context of Broader Energy Policy Actions
Coal in the EU and Its Virtues
Primary Energy Consumption

Import Dependency / Coal Suppliers

Electricity Production / GHG Emissions

CCS as Coal’s Ticket to the Future
CCS-Policy of the EU

- Research Framework Programme
- Demonstration
  - European Economic Recovery Programme
  - ETS Directive: 300 mio. allowances
  - CCSNetwork.eu
- CO2-infrastructure
- CCS Directive
- International cooperation
CCS Demonstration Projects

Source: Geocapacity, adapted by DG ENER
EU-Funding for CCS Demonstration

- CCS Demonstration Project Network
  » www.CCSNetwork.eu
Coal Issues Besides CCS
Best use of indigenous fossil fuels

*Key activities and areas identified with stakeholders*

- Transparency of the EU coal inventory
- Sharing best practices in Berlin Fossil Fuel Forum
  - Land use planning and environmental impact management
  - Public awareness and acceptance
- Research and innovation, continued availability of a skilled workforce
- Unconventional coal: coal bed methane, underground coal gasification, coal to chemicals
Coal and CCS in the Context of Broader Energy Policy Actions
Energy Strategy for Europe 2011-2020

- A stable and predictable policy framework for energy sector decisions
- Prepare the transition to a low-carbon economy
  - Deadline: 2 July 2010
  - Stakeholder conference: 30 September 2010
- Adoption in November and discussion in December Energy Council and January 2011 special European Council on energy
Roadmap to 2050

- Two taskforces: electricity production and transport
  - Two major sources of greenhouse gas emissions
- What can decarbonisation look like?
  - Electricity for everything, incl. heating and cars?
    - Or bioenergy for heating and transport?
- Next steps: exploring scenarios, consultations
- Policy paper in 2011
- First steps towards decarbonisation:
  - European Energy Strategy 2011-2020
**Energy Infrastructure Package**

- A Communication on the priorities for energy infrastructure development for the 2020/2030 horizon in November 2010
- A document on progress of the six priority infrastructure actions proposed under the second Strategic Energy Review
- (Later) Proposal for a new EU Energy Security and Infrastructure Instrument
Thank You for Your Attention!