



Directorate-General
for Energy



- European Energy Policy

The Coal Dimension

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Director General

21st June 2010

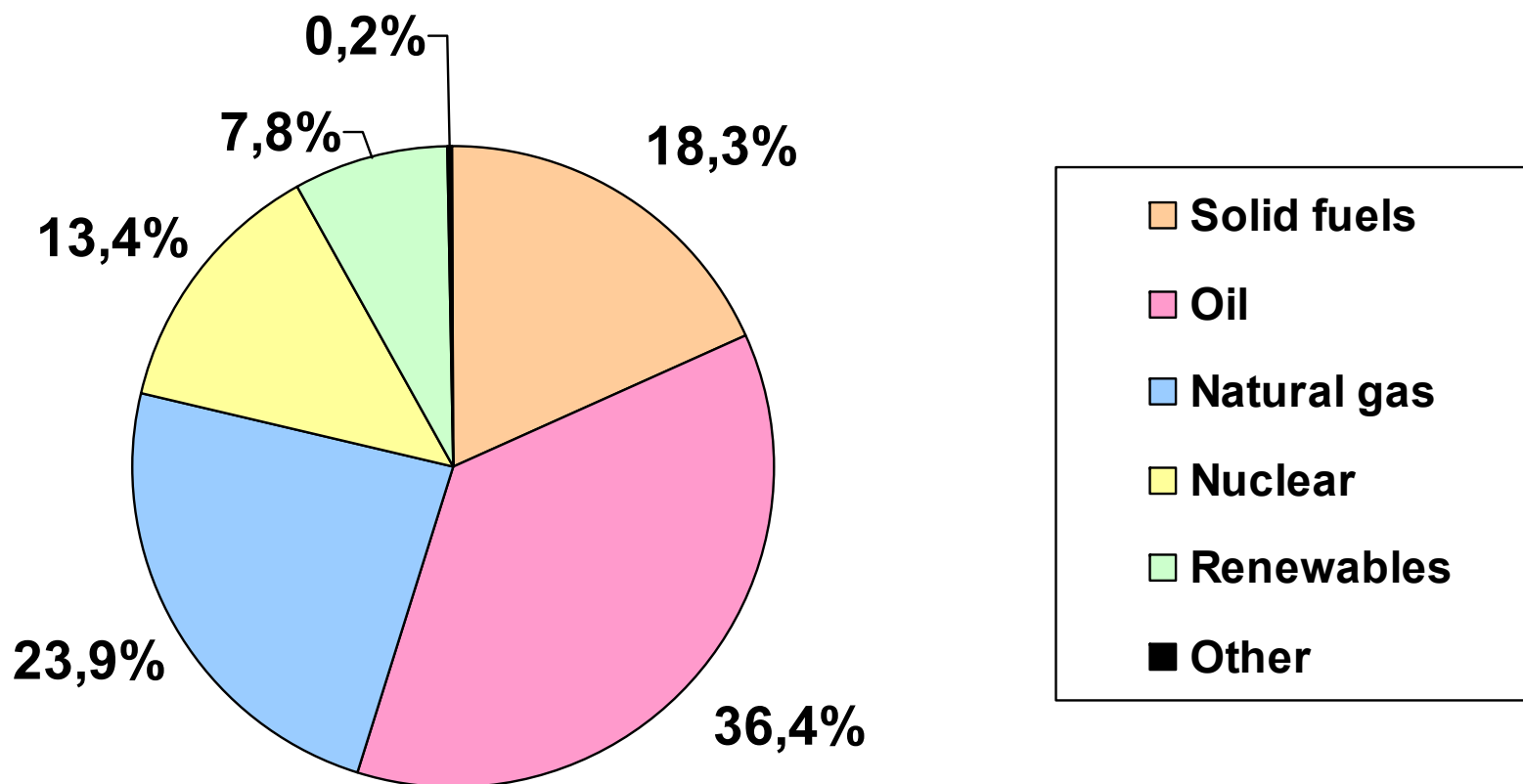
● OUTLINE

- 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

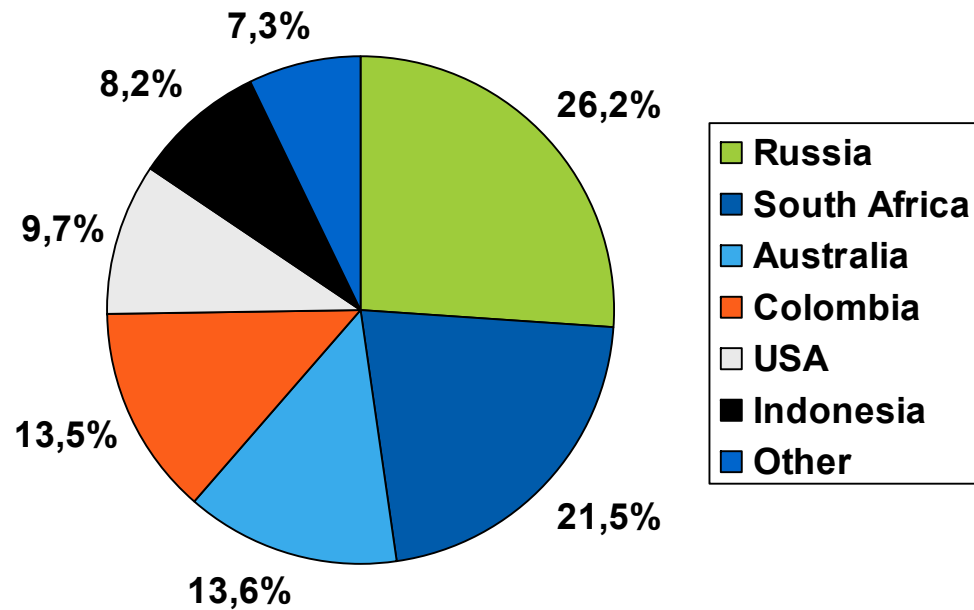
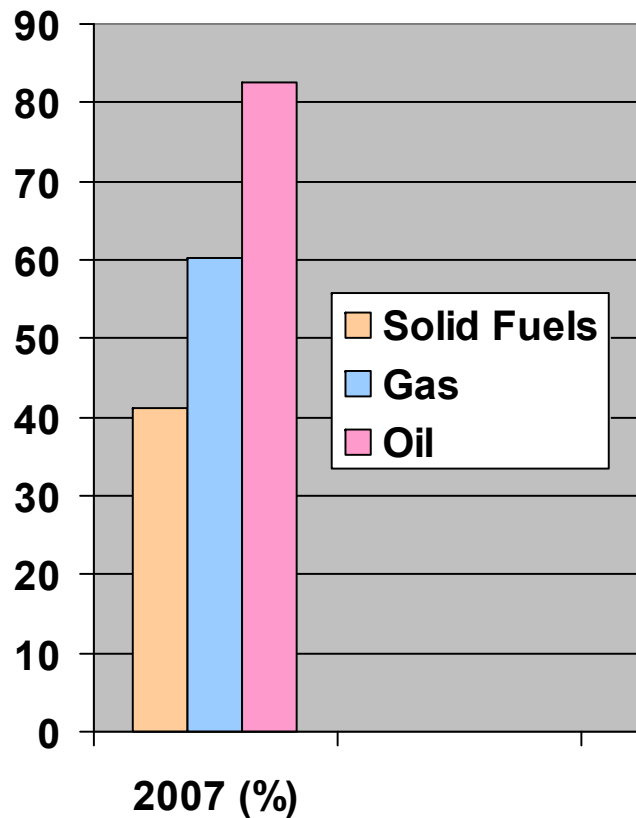


- Coal in the EU and Its Virtues

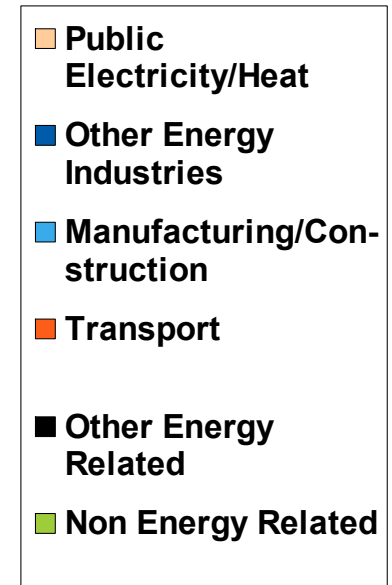
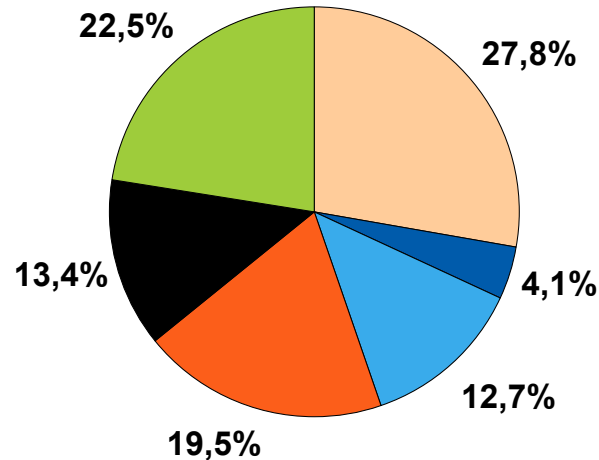
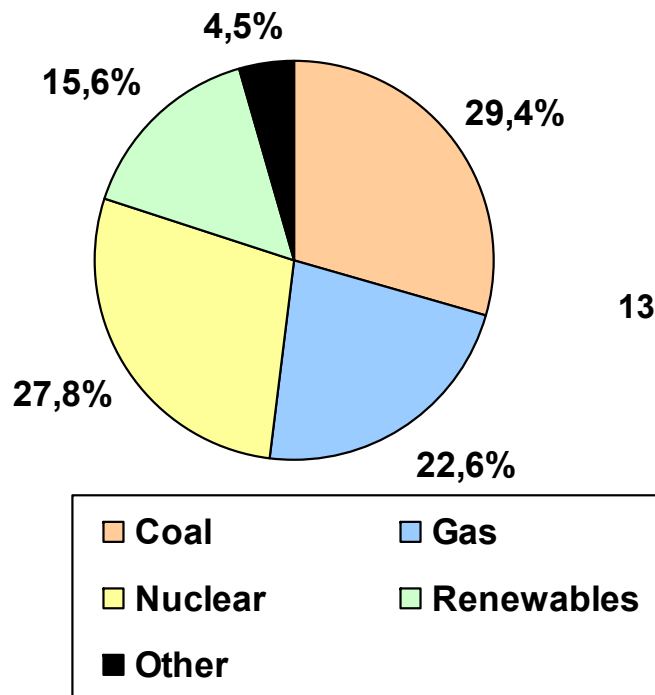
● Primary Energy Consumption



● Import Dependency / Coal Suppliers



● Electricity Production / GHG Emissions



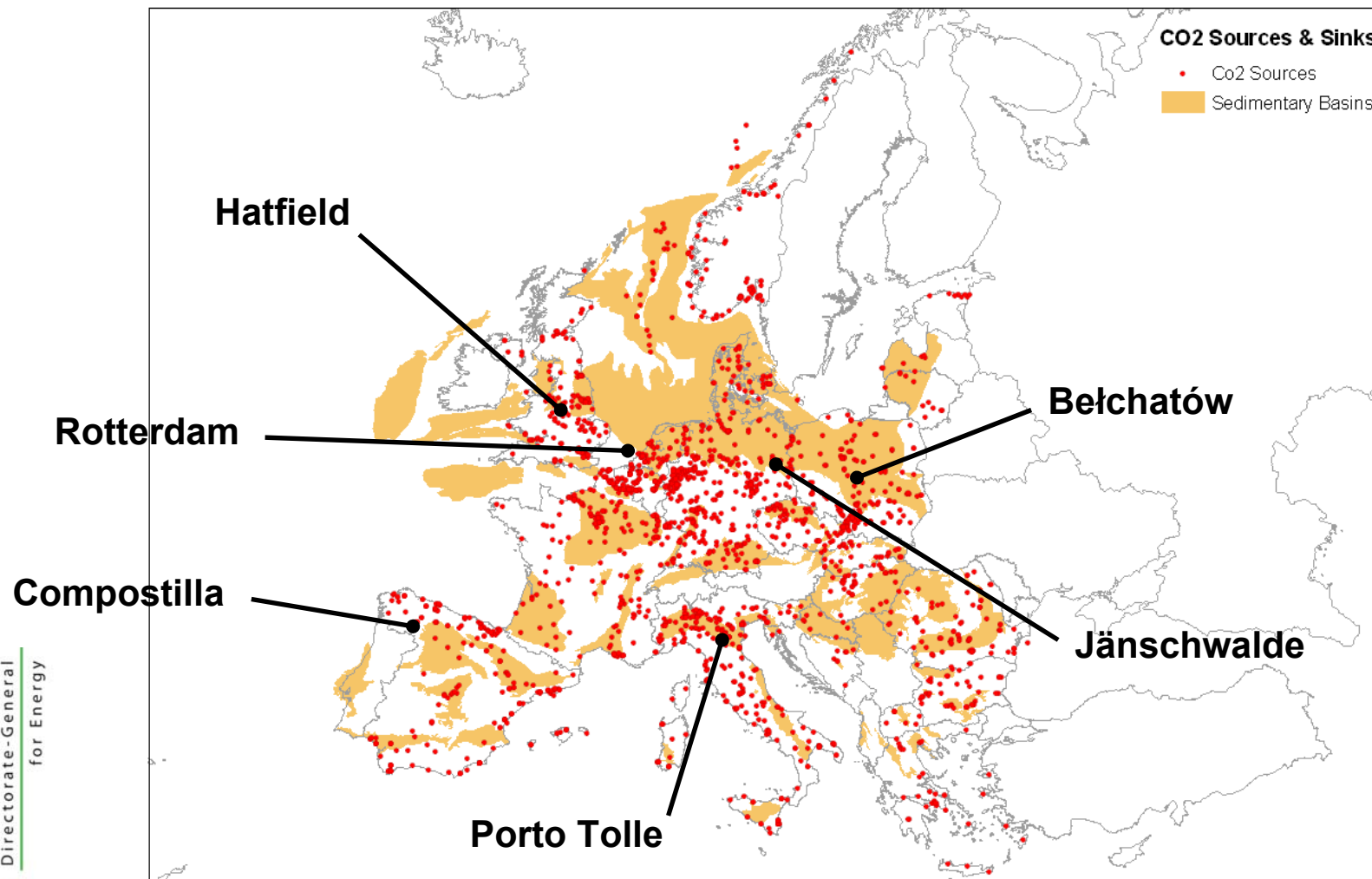


- CCS as Coal's Ticket to the Future

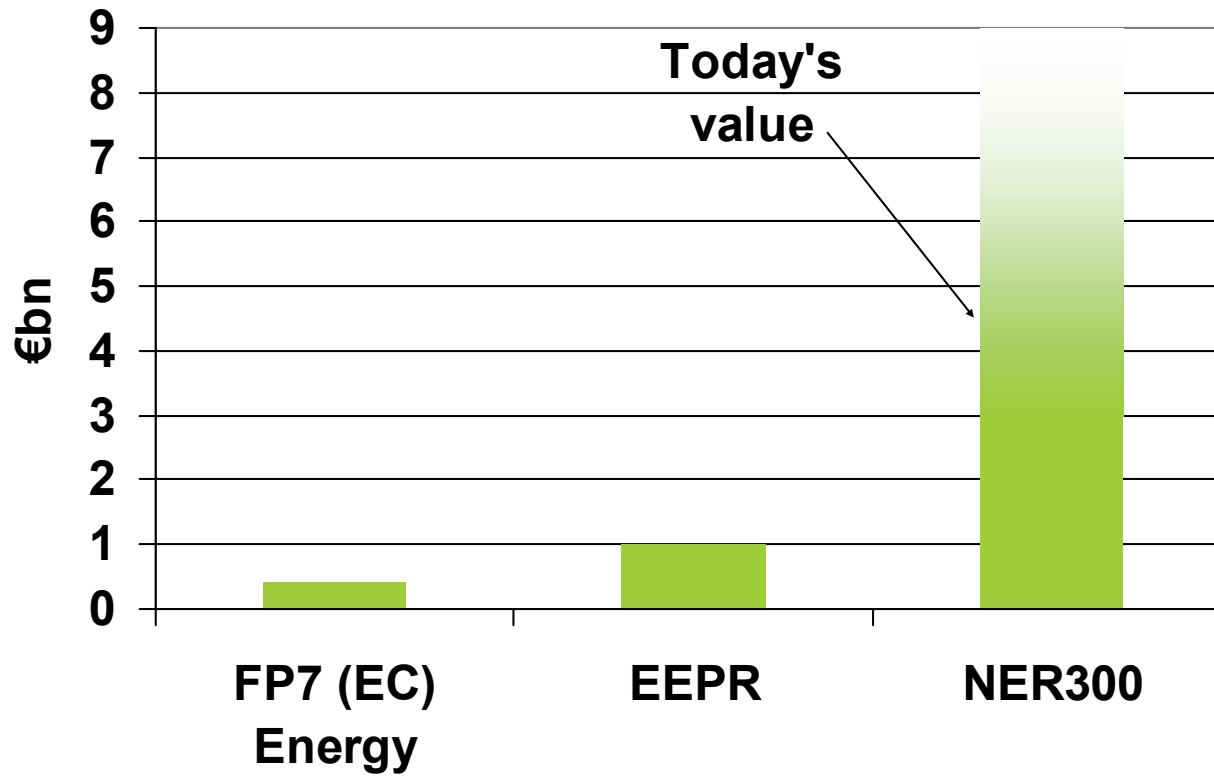
● CCS-Policy of the EU

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

● CCS Demonstration Projects



● 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
- Consultation: Energy Strategy for Europe 2011-2020
 - » http://ec.europa.eu/energy/strategies/consultations/2010_07_02_energy_strategy_en.htm
 - » 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 !

