



A vision beyond 2020 - the EU Energy Roadmap for 2050

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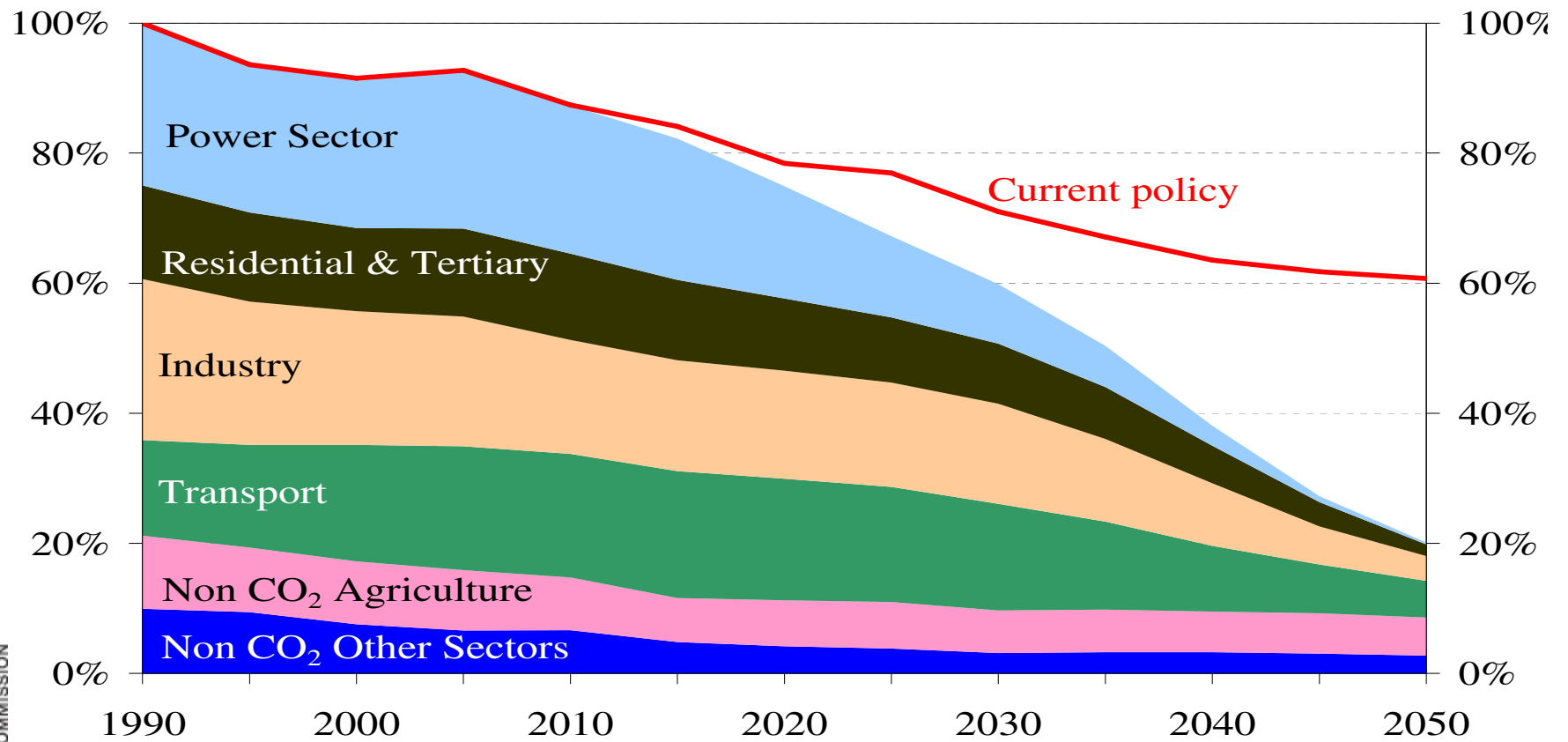
● Background - aim of Energy Roadmap

Political commitment to GHG reductions by 2050 80-95% below 1990 level (in the context of necessary reductions by developed countries as a group),

On 8 March 2011 the Commission adopted a Communication on low carbon economy looking at decarbonisation pathways of the economy as a whole,

DG Energy is preparing an Energy Roadmap 2050 to assess decarbonisation options in the energy sector (keeping in mind our objectives of security of supply and competitiveness)

Low Carbon Economy Roadmap



Directorate-General
for Energy



● Energy Roadmap 2050 - scenarios

- 1 Business as usual (Common Reference Scenario)
- 1bis Current Policy Initiatives scenario
- 2 High Energy Efficiency
- 3 Diversified supply technologies
- 4 High Renewable
- 5 Delayed CCS
- 6 Low Nuclear

● Policy choices and implication

In the 2050 Energy Roadmap analysis some general approaches make sense in a broad range of scenarios:

- Assess interaction of MS decisions on their energy mix
- Consider different options, costs, trade-offs
- Assess policy implications for infrastructure, market design
- Consider direction, speed of change, need for milestones



Energy Roadmap 2050 state of play

Results public consultation published on EUROPA Site

On going dialogue with stakeholders

Advisory Group independent experts preparing a report

Impact Assessment – scenarios currently being finalized

Planned adoption: end of 2011

A priority of Polish & Danish Presidencies



Thank you for listening.

For further information:

http://ec.europa.eu/energy/index_en.htm

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Thank you for your attention

