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Green Paper on energy policy: *European strategy for sustainable, secure and competitive energy*

Matthias RUETE
Director General
DG Energy and Transport
European Commission
Brussels





Towards a common approach to energy

- ★ July 2005: G8 summit gives new priority to energy
- ★ October 2005: Heads of State/Government call for new work on a common energy policy
- ★ December 2005: Heads of State/Government call for an “integrated approach” to energy
- ★ March 2006 : The Commission adopts the Green Paper “*A European strategy for sustainable, secure and competitive energy*”



Strategy of the Green Paper: Common energy policy goals

Each goal is equally important . One cannot be achieved without the other

Competitiveness “Lisbon Agenda”

- Internal Market
- Competition
- Interconnections (Trans-European networks)
- European electricity grid
- Research and innovation
 - Clean coal
 - Carbon sequestration
 - Alternative fuels
 - Energy efficiency
 - Nuclear

Sustainable Development “KYOTO”

- Renewable energy
- Energy efficiency
- Nuclear
- Research and innovation (see Lisbon)
- Emission trading

Security of supply

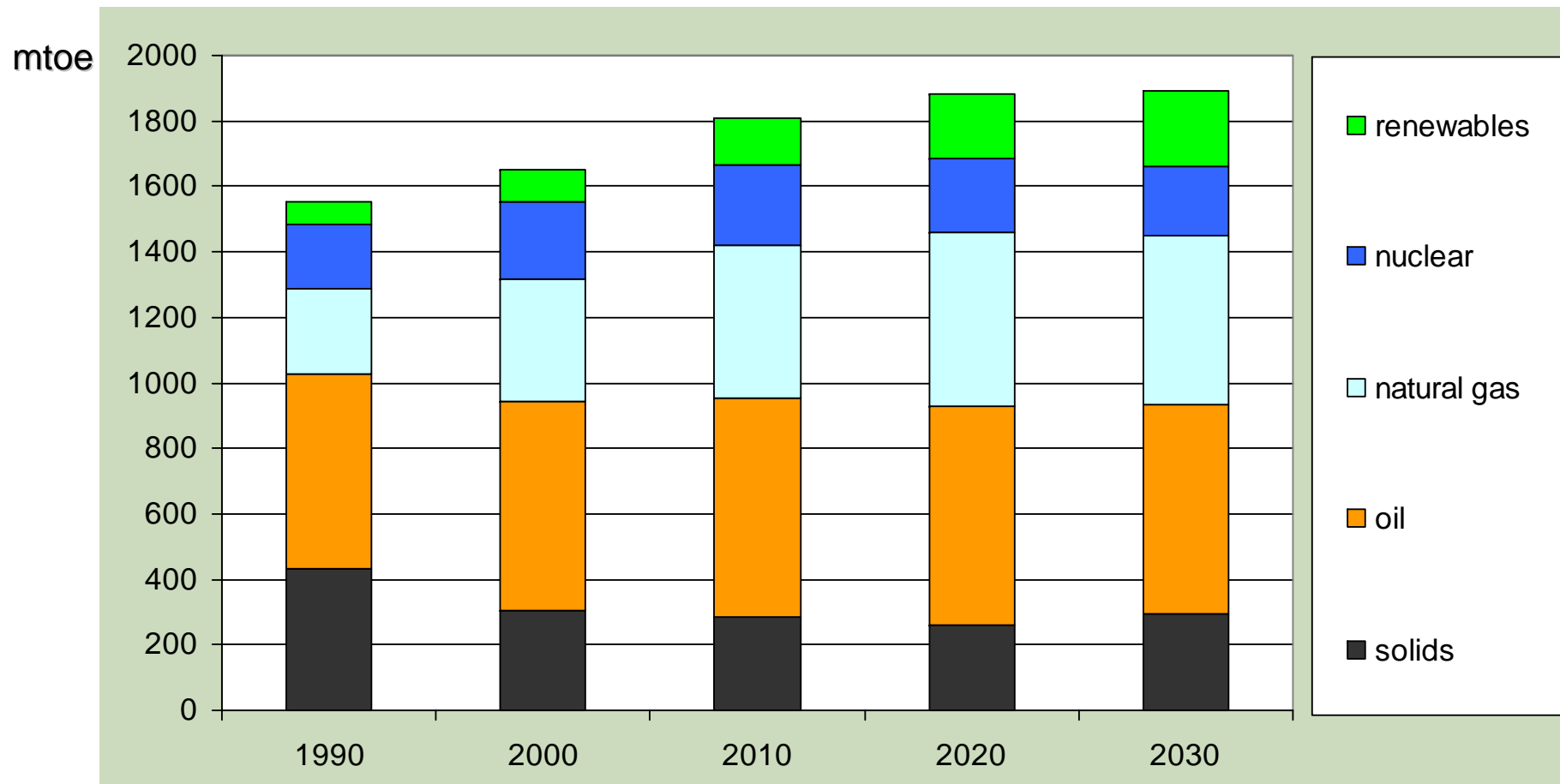
- International Dialogue
- European stock management (oil/gas)
- Refining capacity and storage of energy
- Diversification





Security of Supply

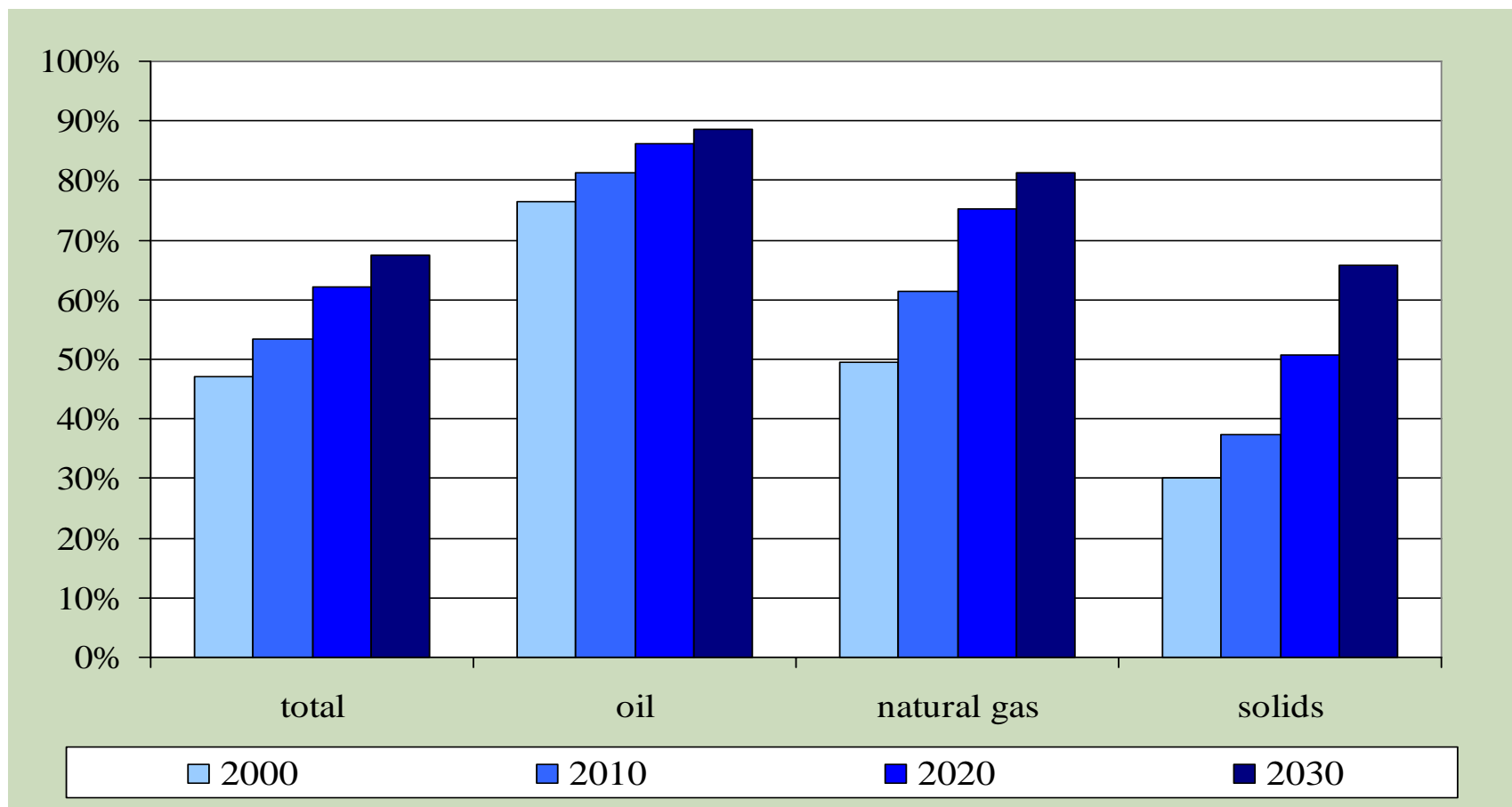
EU25 Final Energy Demand





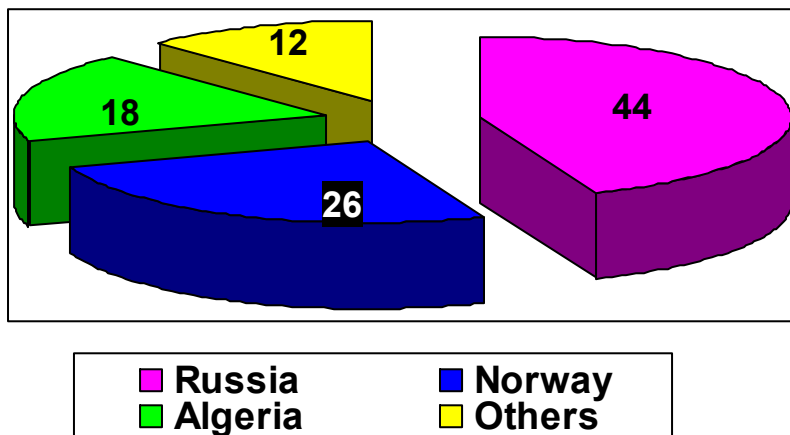
Security of Supply

EU25 Import Dependency





Diversification of gas supply



➤ **Total EU imports**
2004: 280 bcm

➤ **Growing share of new suppliers in the future**

★ **Share of imports in total consumption expected to increase from 55% (2004) up to 80% by 2030;**

★ **Imports likely to rise in absolute terms, but market share of Russia decreases;**

★ **Growing role of LNG;**



Green Paper: six priority areas for common actions

- 1. Internal market → completing the internal EU electricity and gas market**
- 2. Internal market and Security of Supply
→ solidarity between Member States**
- 3. A more diverse, efficient & sustainable energy mix**
- 4. Environment – an integrated approach to climate change**
- 5. Innovation: a strategic european energy technology plan**
- 6. Towards a coherent external energy policy**



Completing the internal EU electricity and gas market

- ★ **European grid code ...
... European Energy Regulator**
- ★ **Unbundling: full implementation of the
provisions of the 2nd Gas and
Electricity Directive “in spirit”**
- ★ **A priority interconnection plan:
Barcelona objective 10%
interconnection between Member
States**



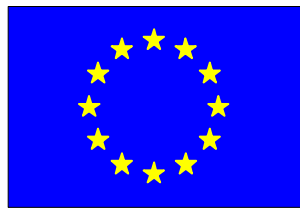
Internal market for the Security of Supply: **Solidarity between Member States**

- ★ **European Energy Supply Observatory**
- ★ **Rethinking EU's approach to emergency oil and gas stocks**
- ★ **For electricity: improved network security through increased cooperation**



A more diverse, efficient & sustainable energy mix

- ★ Each Member State can chose its own energy mix
- ★ A Strategic European Energy Review (SEER)
- ★ EU minimum energy mix from secure and low carbon energy sources?



Environment: integrated approach to climate change

- ★ **Making more from less (Action Plan on Energy Efficiency)**
- ★ **Renewable energy road map**
- ★ **Carbon capture and storage...**



A strategic European Energy Technology Plan

- ★ **Strategic Energy Technology Plan**
- ★ **7th RTD Framework Programme**





Towards a coherent external energy policy

★ Key goals and instruments:

- ↪ A clear policy on securing and diversifying energy supplies
- ↪ Partnership with producers, transit countries and other international actors
- ↪ Reacting effectively to external crisis
- ↪ Integrating energy into other policies with an external dimension
- ↪ Energy to promote development



What will come next?

- ★ **Strategic EU Energy Review**
- ★ **2006 report on the completion of the internal market for electricity and gas**
- ★ **Action Plan on Energy Efficiency**
- ★ **Priority interconnection plan (electricity)**



Public consultation on the Green Paper until September 24th

http://europa.eu.int/comm/energy/green-paper-energy/index_en.htm

Thank you for your attention

