

# **The Green Paper on Energy Policy: the view of the European Parliament**



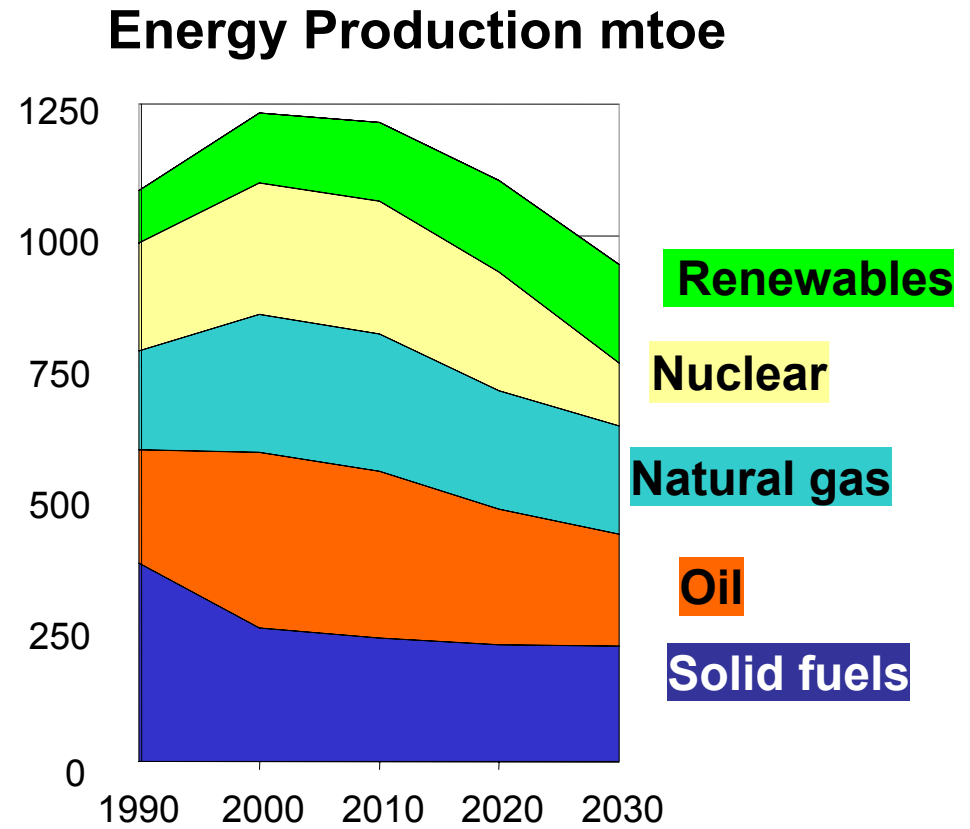
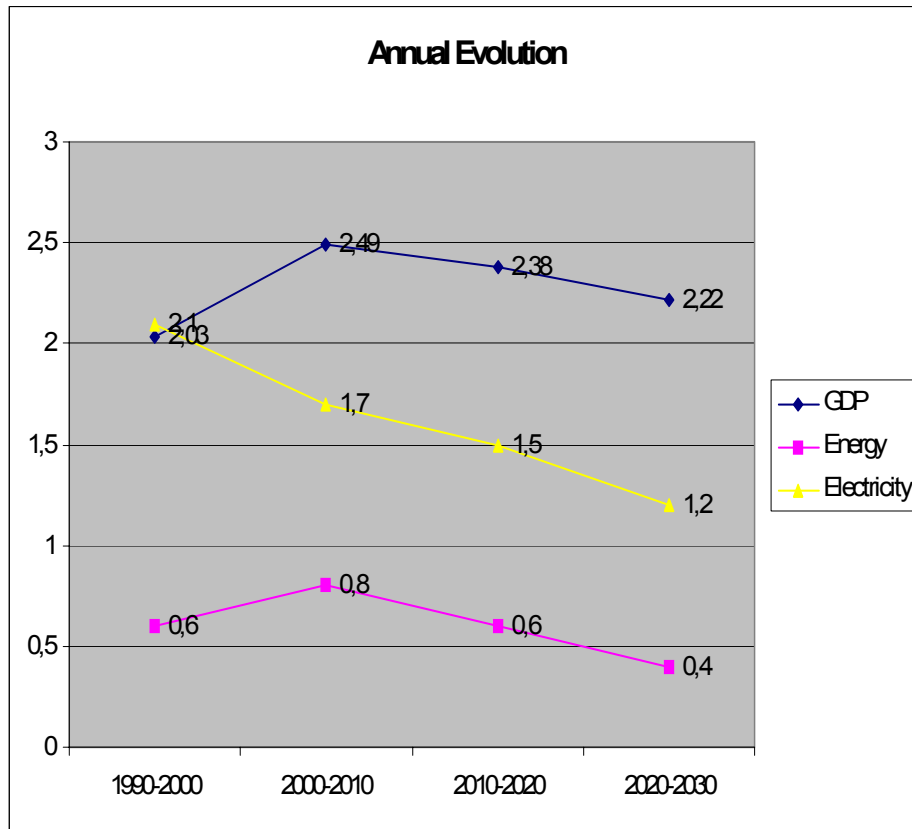
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**Alejo Vidal-Quadras Roca**

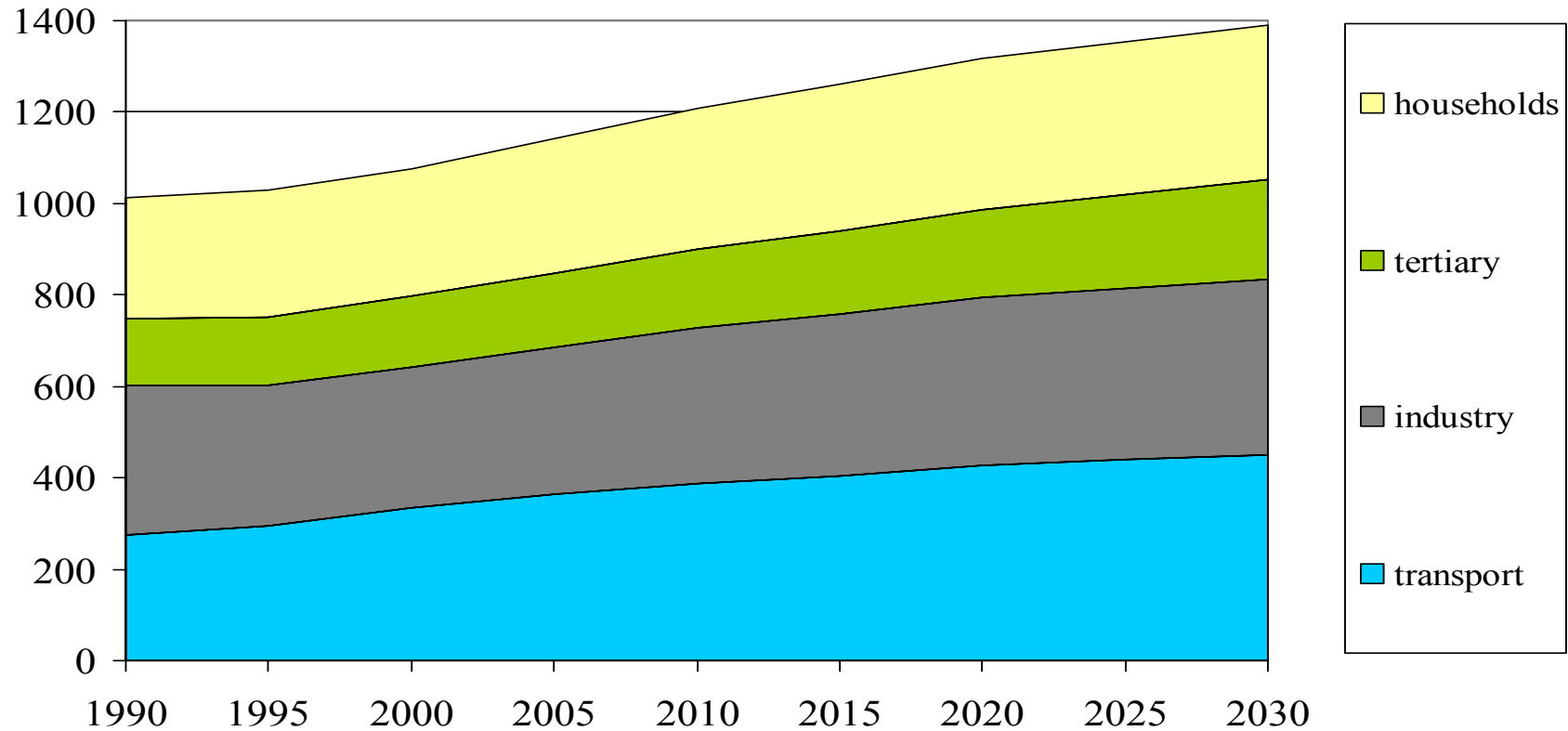
*Vice-President of the European Parliament*

*Member of the Industry, Energy &  
Research Committee*

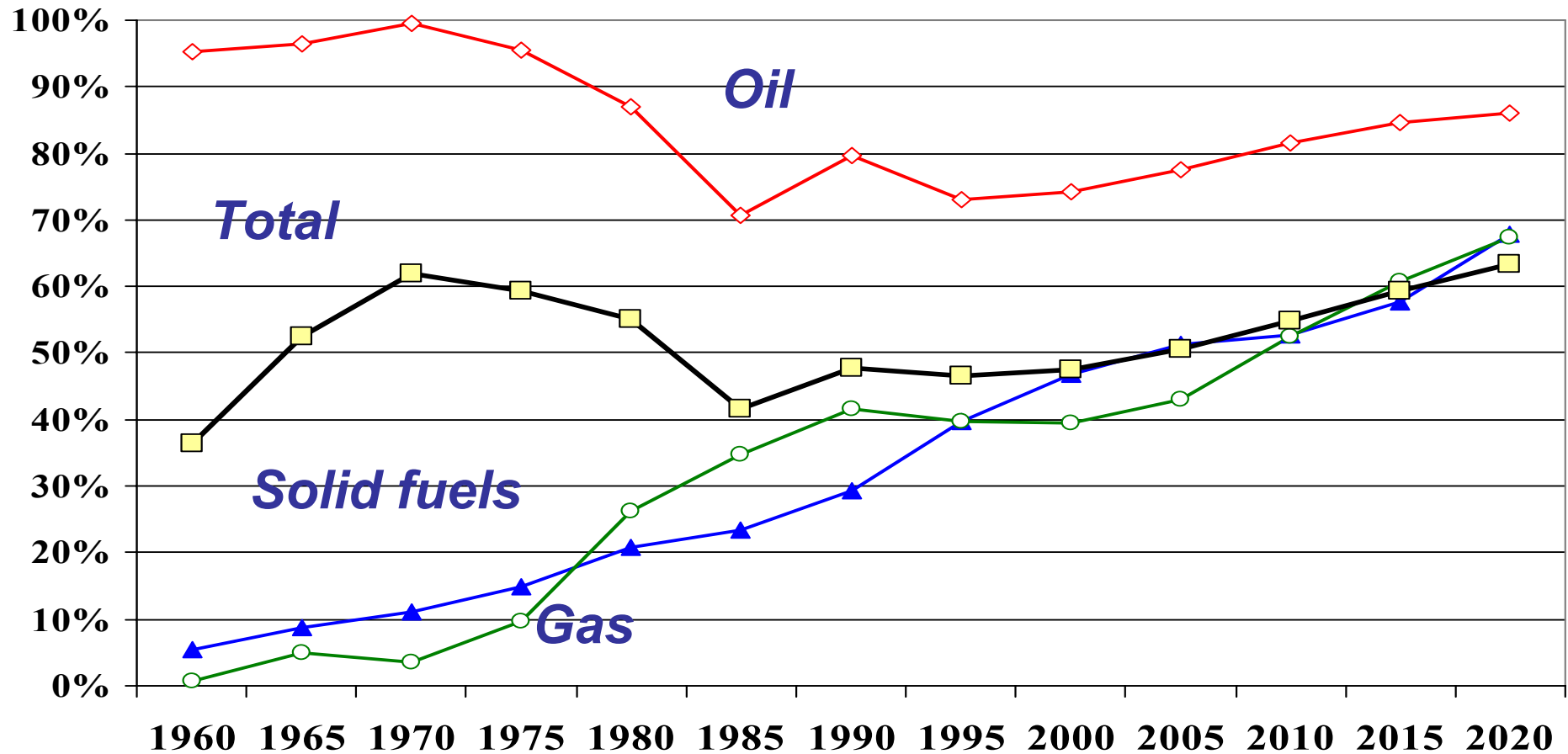
# EU Energy Production



# Our future needs in EU 25 – Increases in all sectors (mtoe)

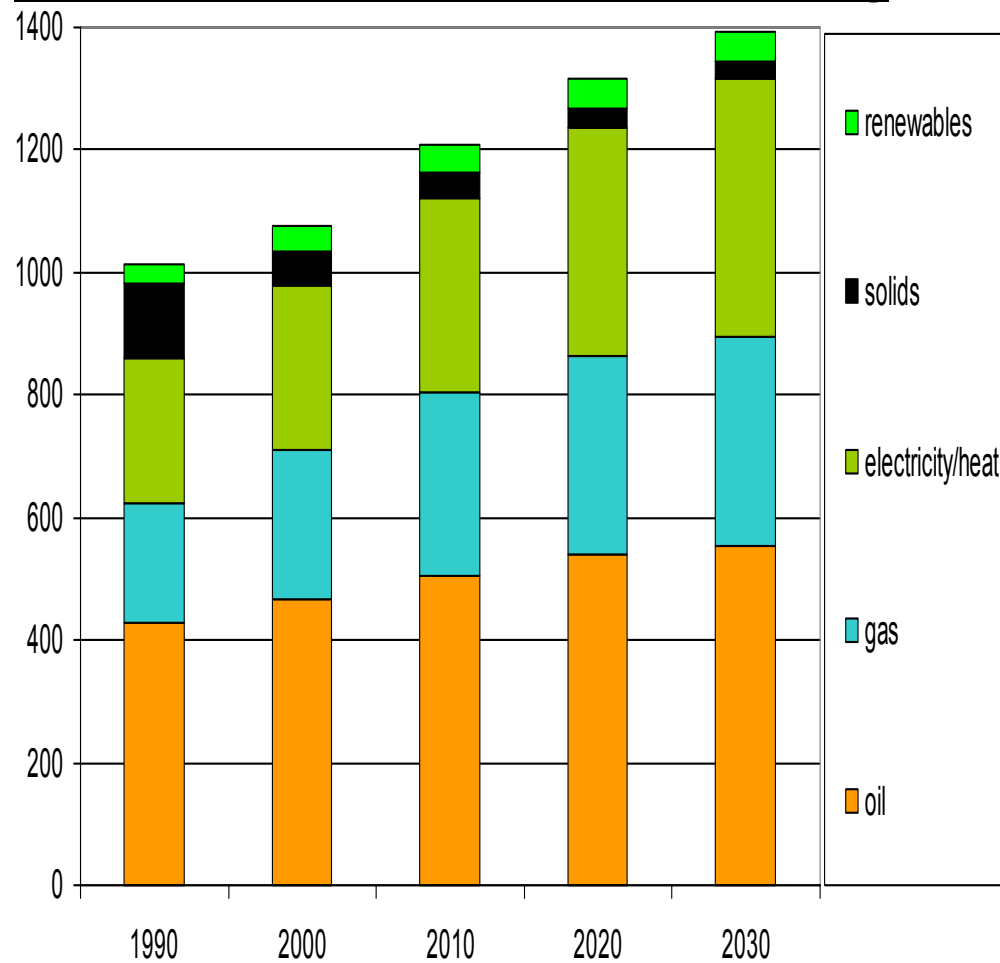


# EU import dependency would increase

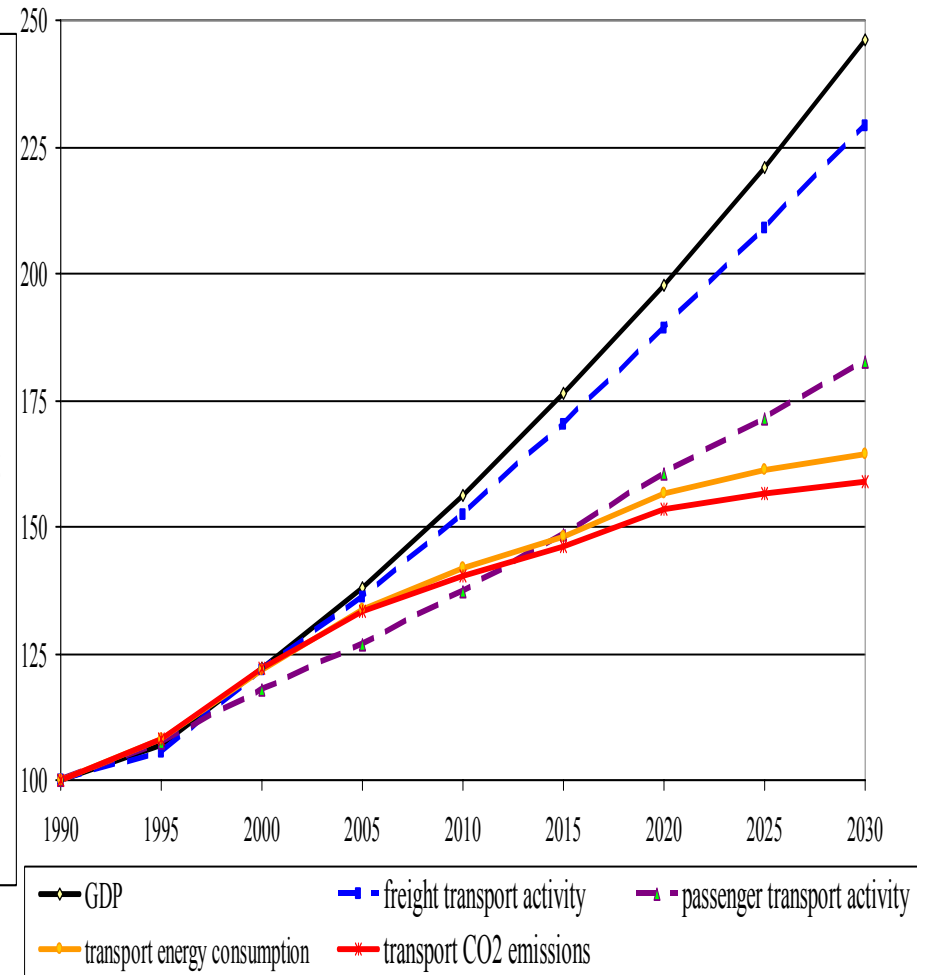


# Oil supplies will increase (mtoe)

**Fossil fuels dominate future supply**  
**– renewables weak, oil remains strong**

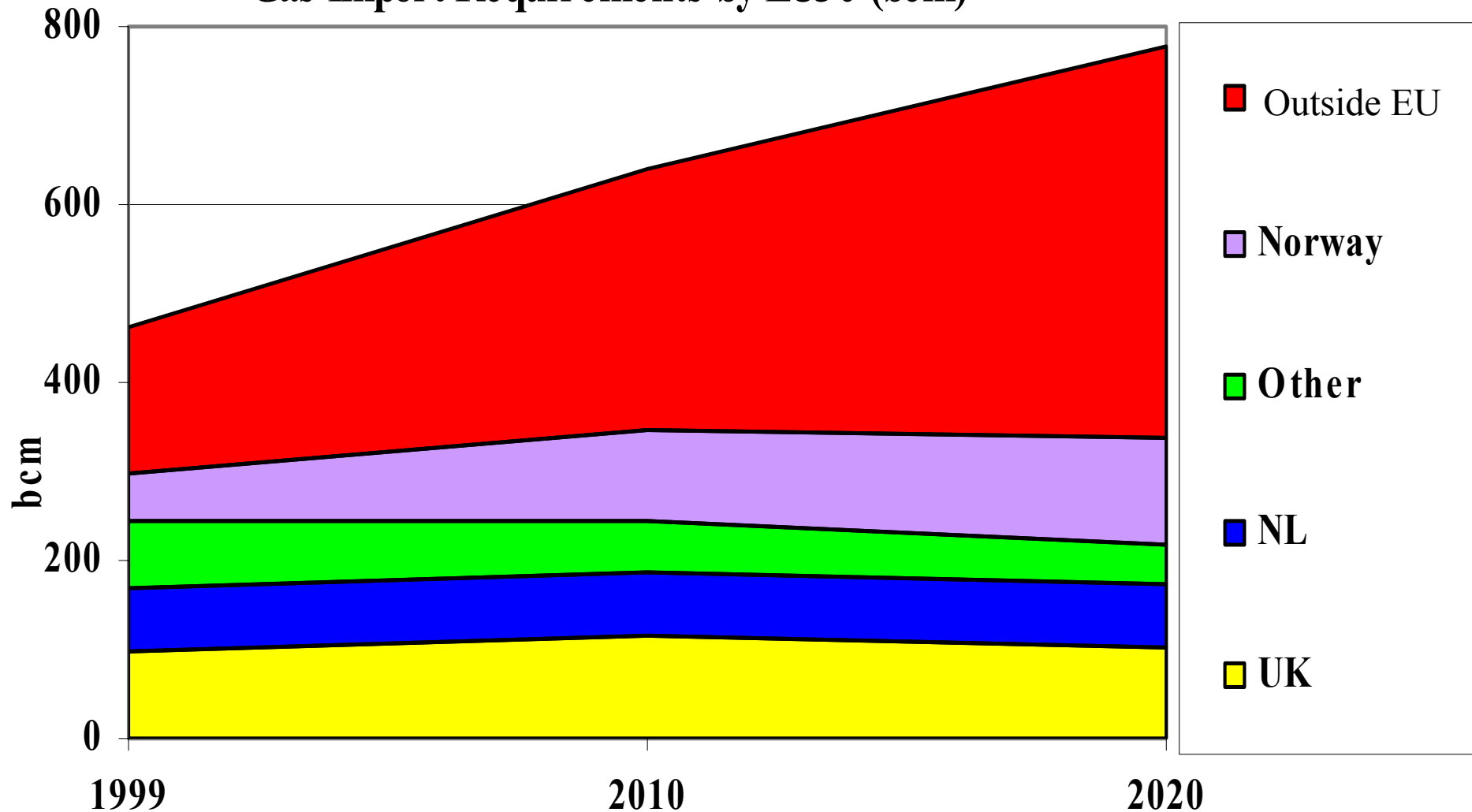


**Transport almost fully dependent on oil**



# Gas supplies to EU will increase drastically

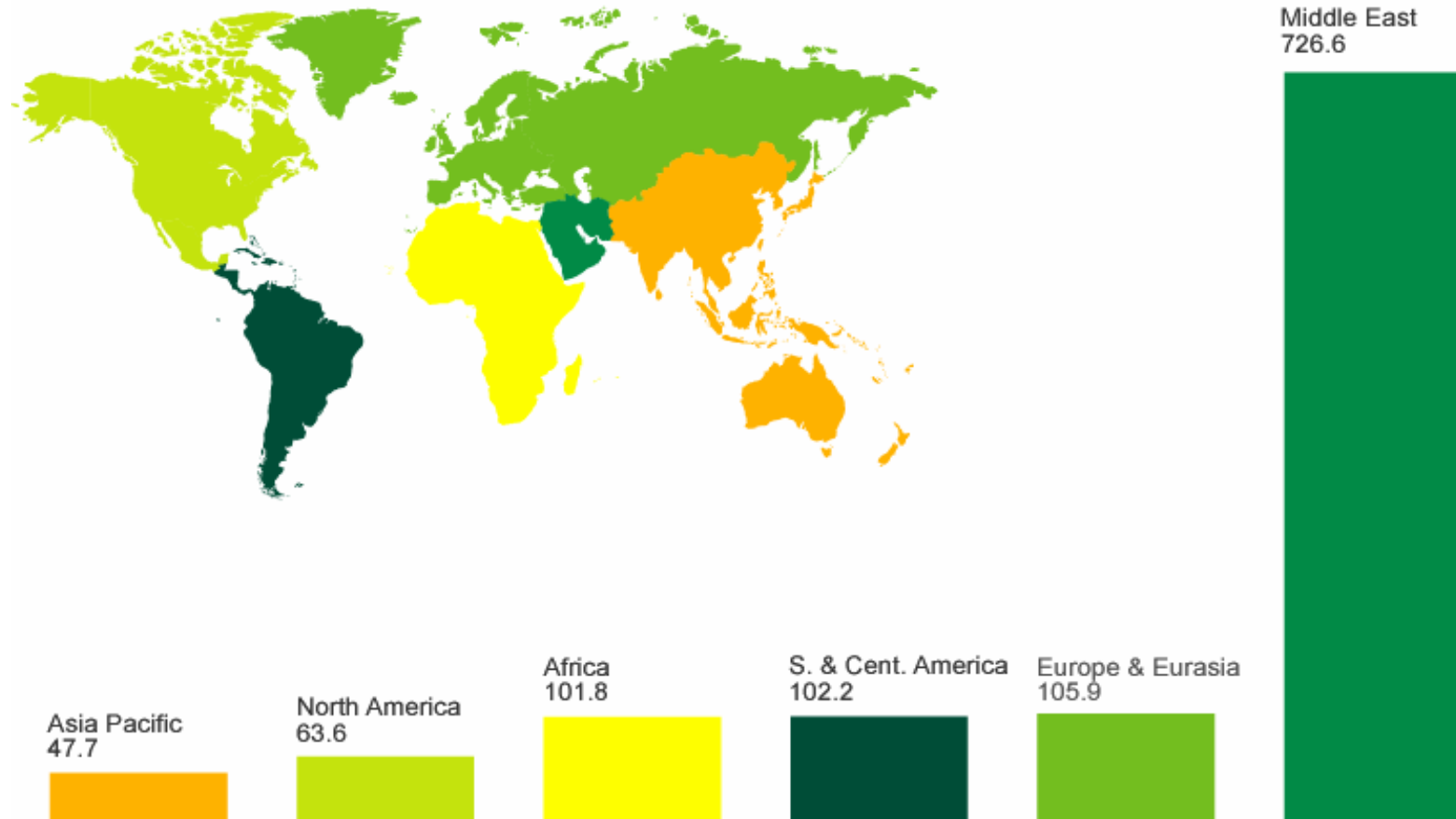
Gas Import Requirements by EU30 (bcm)



# Global oil reserves

## Future predominance of Middle East (OPEC)?

Thousand million barrels

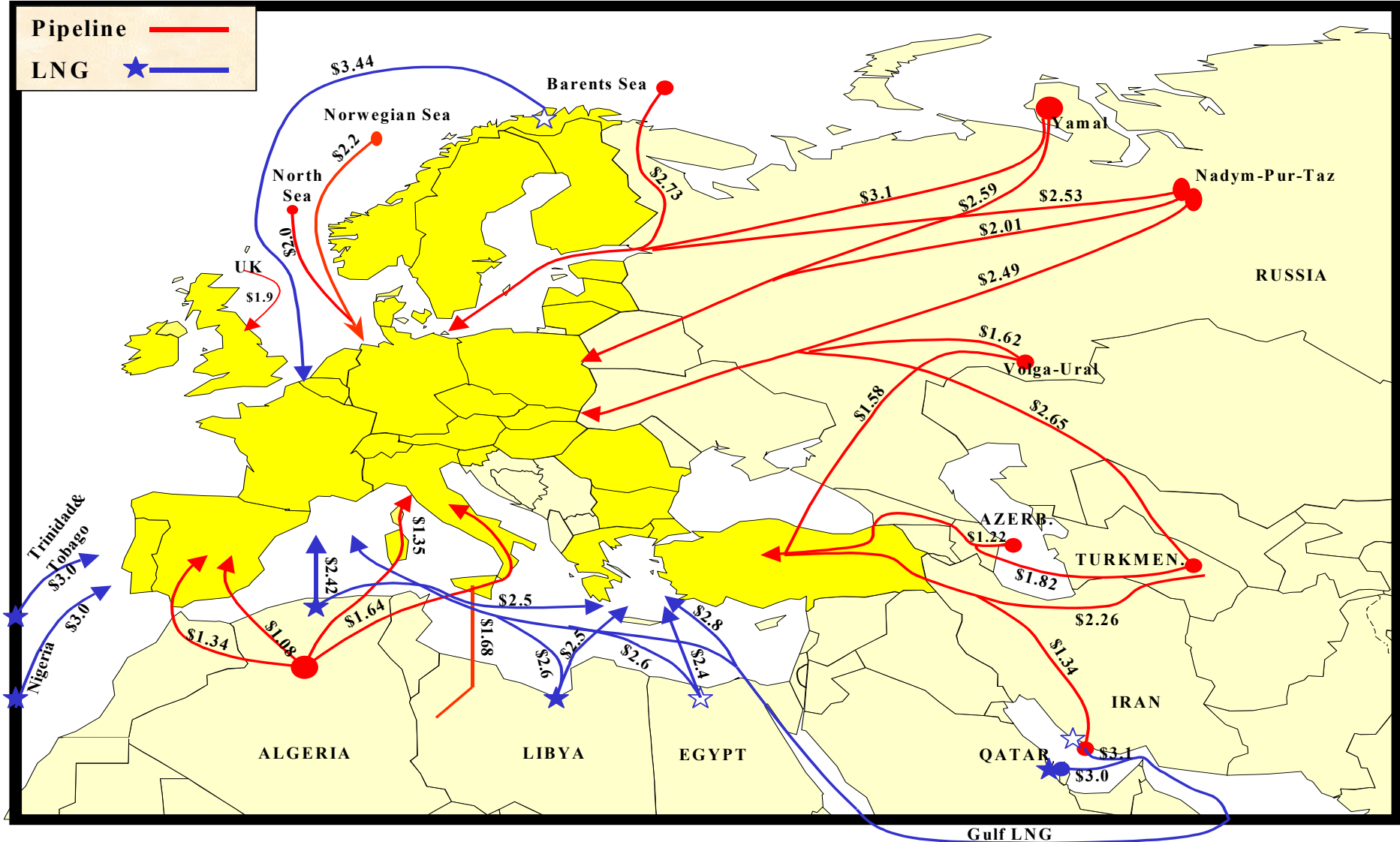


End 2003 – source BP

# Where will gas supplies come from?

Map 2 : Supply Cost\* for New Gas delivery to EU30 (2010-2020) – schematic map

\$/Mbtu



Source: OME; 2001

\* excluding producer country's royalty

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## **1. Ensuring security of supply by developing a triple diversification:**

- **of sources**
  - **of countries of origin**
  - **of supply routes**
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**This means:**

***Promoting renewable energy:***

- **Keep up pressure on MS to achieve promises on renewables**
  - **Strengthen existing programmes, eg Intelligent Energy and RTD Framework Programme**
  - **Fresh priority to biomass**
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## *Develop clean and efficient use of fossil fuels:*

- **Through R&D**
- **Higher standards**

## *Improve nuclear technology and safety:*

- **Maintain high number of EU inspections**
  - **Take forward nuclear package**
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## **2. Reducing energy demand:**

- **Energy efficiency**
  - **Work towards existing targets**
  - **Develop proposals for eco-design**
  - **Consumer awareness**
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## **3. Further strengthening international energy policy relations:**

- Build up dialogue with Russia**
  - Build up relations with neighbouring countries – South East Europe, Maghreb**
  - Develop dialogue with OPEC and Caspian region**
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**4. Ensuring a proper functioning of the internal market for gas and electricity for the benefit of all our citizens:**

- **Ensure proper implementation of legislation**
  - **Monitor investment and price developments**
  - **Consider ways to assure best functioning of markets**
  - **Development of interconnections**
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# **Conclusion**

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**Security of supply  
Energy efficiency  
External aspects of energy  
Internal Market**

**All issues need to be addressed and combined  
to achieve a maximum result**

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