

BIOMASS IN NORTH SEA REGION

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OUR FUTURE

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WHAT'S THE PROBLEM ?

1997: KYOTO PROTOCOL

2000: EU – GREEN PAPER

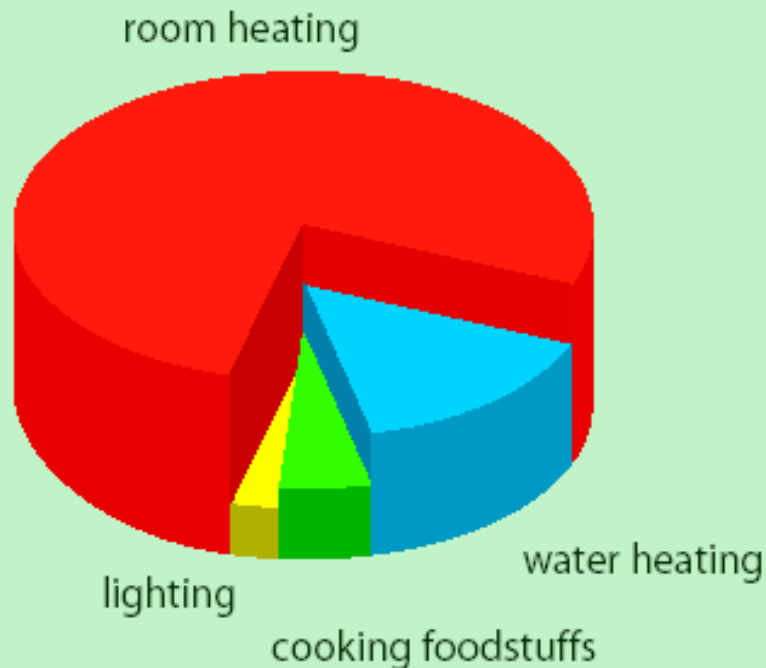
**2005: GREEN PAPER ON ENERGY
EFFICIENCY**

BUT DOES IT HELP ?

DEPENDENCY IS GROWING

→ ENERGY CONSUMPTION IS RISING

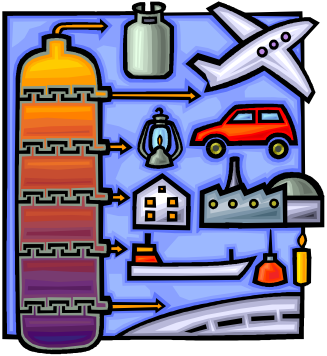
Domestic energy consumption (excluding household appliances) in 2001 (EU-15)





OUR CHALLENGES

- MANAGING DEMAND**
- DIVERSIFYING OUR SOURCES**
- INTERNAL ENERGY MARKET**
- EXTERNAL SUPPLY**



MANAGING DEMAND

→ REDUCE ENERGY CONSUMPTION

→ 1% PER YEAR

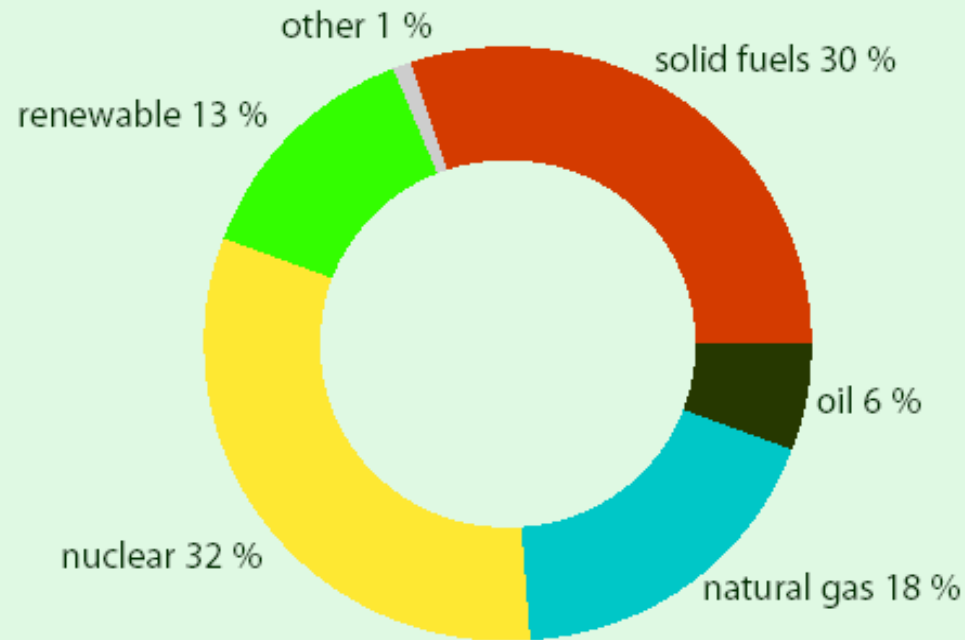
→ KYOTO TARGET

→ CO2 EMISSION

DIVERSIFYING OF SOURCES

→ SEARCH FOR RENAWAREBLE ENERGY

Gross electricity production per energy source in 2002 (EU-25)



Source: EU energy and transport in figures: Statistical pocketbook 2004.



INTERNAL ENERGY MARKET

→ LIBERALISATION

→ ENSURE FAIR COMPETITION

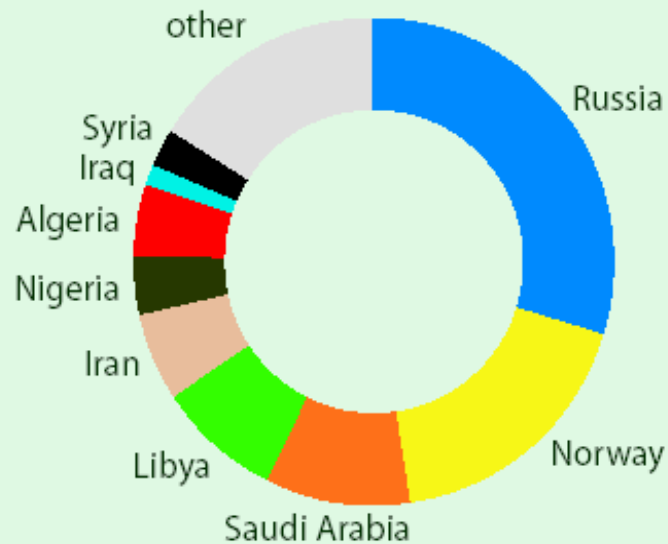
→ NEW TRANSPORT NETWORK

EXTERNAL SUPPLY

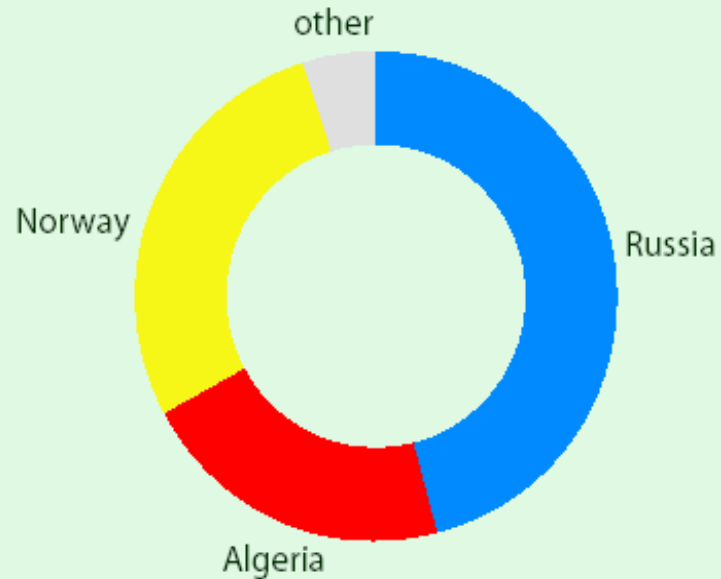
→ **PROMOTE DIALOGUE FOR STABLE SUPPLY**

Oil and natural gas: origin of imports to the EU-25 (2003)

Oil (crude and petroleum products)



Natural gas



Source: European Commission and IEA.



RENEWABLE ENERGY

- WITH POLITIC SUPPORT**
- AVAILABILITY OF LAND**
- NEW ECONOMIC ACTIVITIES**



.... AND THE REGIO

- FUNDINGS FOR FURTHER DEVELOPMENT**
- STRUCTURAL AND COHESION FUNDS**
- SECTOR-SPECIFIC MEASURES**