



Keynote Session
Tuesday, 6 October

Key Issues to Address Sustainable Supply and Demand of Natural Gas

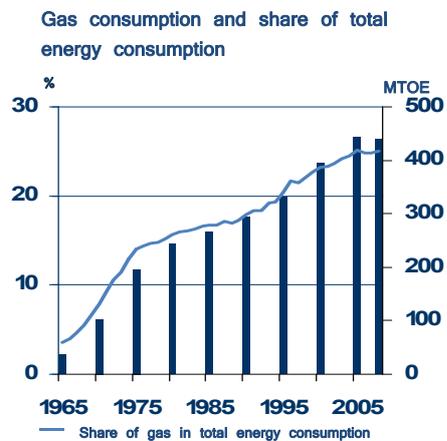
Keynote Address
by
Dr. Bernhard Reutersberg
Chairman, Board of Management
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Essen, Germany



Natural gas in Europe*: A success story

- Steady upward development
- Contribution to sustainable energy
 - Environment- and climate-friendly
 - Secure and reliable
 - Competitive and reasonably priced
- Solid market position

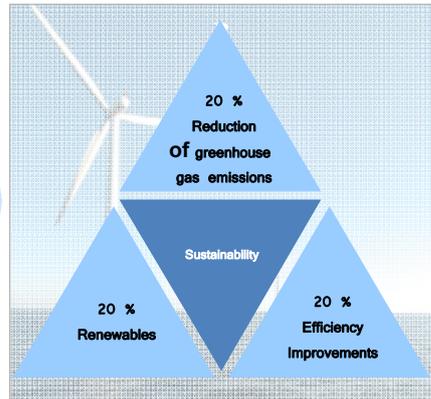
*) EU-27





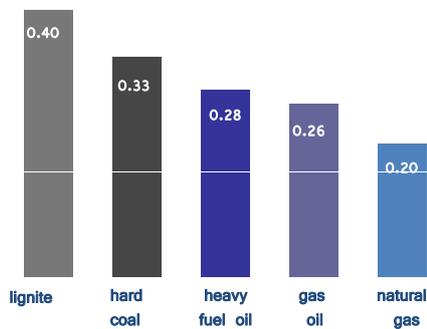
EU target 2020: 20 % reduction of greenhouse gases

- **Increase in energy efficiency**
 - Reduction of primary energy consumption by 20% until 2020
 - Increase of cogeneration plants and local and district heating
 - Energy labelling
 - Buildings Directive II
- **Increase in renewables**
 - Minimum of 20% share of energy consumption in 2020
 - Promotion of wind, solar, biofuels, biomass



Natural gas – particularly suited to reduce emissions

CO₂ formed by combustion of fossil fuels (kg CO₂/kWh fuel input)



Key facts

- Fossil fuels still required to meet world's energy demand in the future
- Natural gas with lowest carbon content of all fossil fuels
- Extended use of gas in existing and new application areas helps to achieve a reduction in CO₂ emissions



Natural gas contributes to sustainable energy supply

Prerequisites for a positive development in the European market

- Ensure secure and economically viable supplies
- Position gas as efficient and environmentally friendly energy source
- Bring new technologies to market maturity as quickly as possible and open up new areas of application
- Expectations vis-à-vis policy-makers:
 - Set targets open to all technologies and energy sources
 - Promote competition between technologies
 - Bear in mind cost-effectiveness of climate protection and efficiency enhancement measures



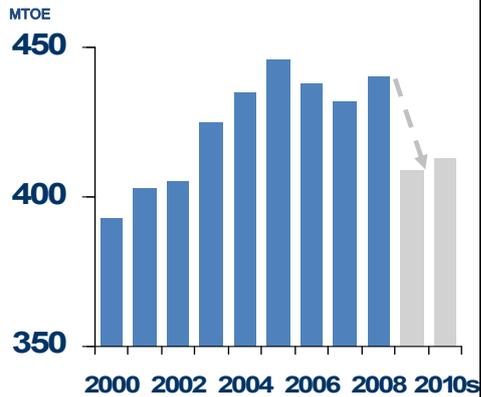
EU-27: Long-term view of natural gas consumption





Natural gas in Europe: Current consumption trend

- 2008/2009 consumption trend affected by financial and economic crisis
 - 1st quarter 2009: - 7 % (p)
 - Decreased use in industry and in power generation
 - Expectation for whole of 2009: - 7 %
- Slight recovery in 2010



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