Natural gas markets

Key issues & trends – round table

Gas – part of a sustainable energy future

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Director

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The global energy future

Impacting the global framework:

- Rising population – from ca. 7 to 9 billion in 2050
- Human strive for a better life
- Technological progress
- Air quality & climate change concerns

The world needs:

- More energy
- Cleaner energy
- Safe energy
- Affordable energy

European focus
Natural gas can form the link in a sustainable future energy system

- Abundant
- Cleanest fossil fuel
- Can help improve local air quality
- Flexible & ideal partner for renewables
- Wide range of usage options

Investment in gas infrastructure does not predetermine future energy landscape

Adaptability of natural gas is key advantage to allow for integration of new & innovative technologies!
The Pathway towards a sustainable future

Meeting future global energy needs – whilst addressing air quality and climate change concerns

Global Emissions Trajectory Base Case

- Other
- Residential and Commercial
- Industrial
- Transport
- Power Generation
- Pathway

CO₂ Emissions (billion tons)

1990 2000 2010 2020 2030 2040 2050
Also in Europe, the most energy-efficient of regions: still potential for CO$_2$-reductions
Requirements to realise a sustainable energy future

All
- Reduce demand
- Increase energy efficiency
- Realise synergies of integrated energy concepts

Industry
- Continuously improve technology
- Establish trust with all stakeholders

Politics
- Ensure a stable policy & regulatory framework
- Support low-carbon energy
- Support innovation – without predetermining future technologies
- Act quickly