

# Natural gas markets

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Key issues & trends – round table

## Gas – part of a sustainable energy future

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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



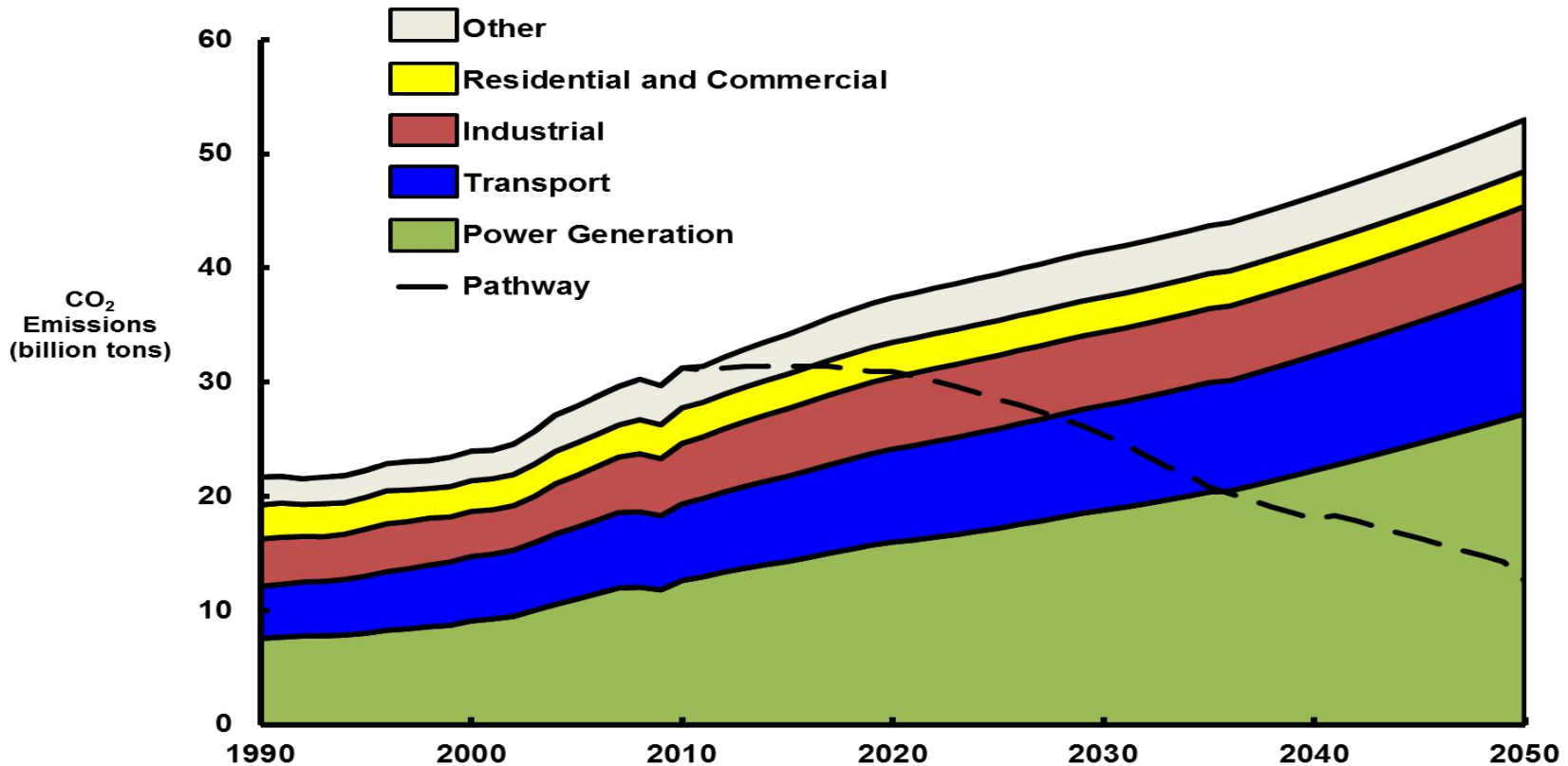
➔ **Investment in gas infrastructure does not predetermine future energy landscape**

➔ **Adaptability of natural gas is key advantage to allow for integration of new & innovative technologies!**

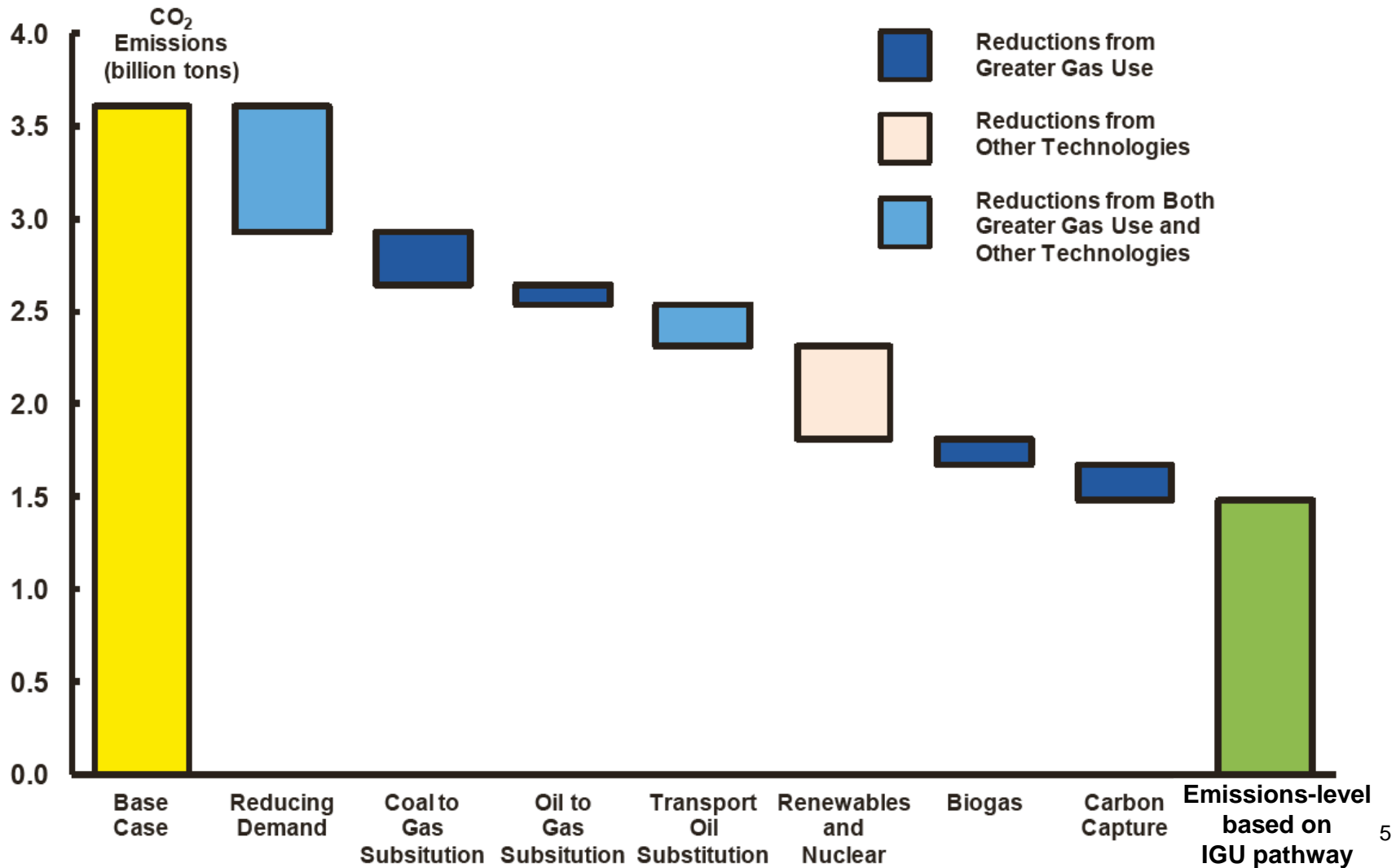
# The Pathway towards a sustainable future

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

## Global Emissions Trajectory Base Case



# Also in Europe, the most energy-efficient of regions: still potential for CO<sub>2</sub>-reductions



# Requirements to realise a sustainable energy future

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## 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