

# 26<sup>th</sup> World Gas Conference

1 – 5 June 2015, Paris, France



Natural gas in 2050: Given or given up?

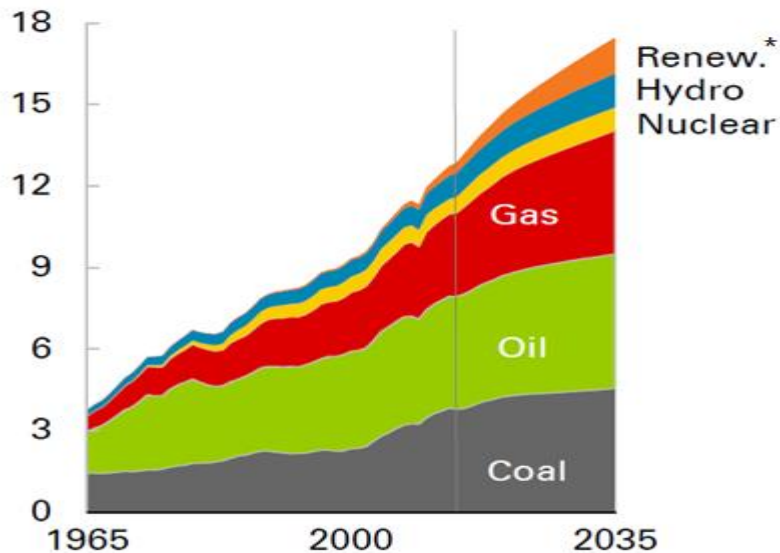
Christopher Delbrück  
CEO of E.ON Global Commodities



# Global energy demand expected to grow – also for gas

## Consumption by fuel

Billion toe

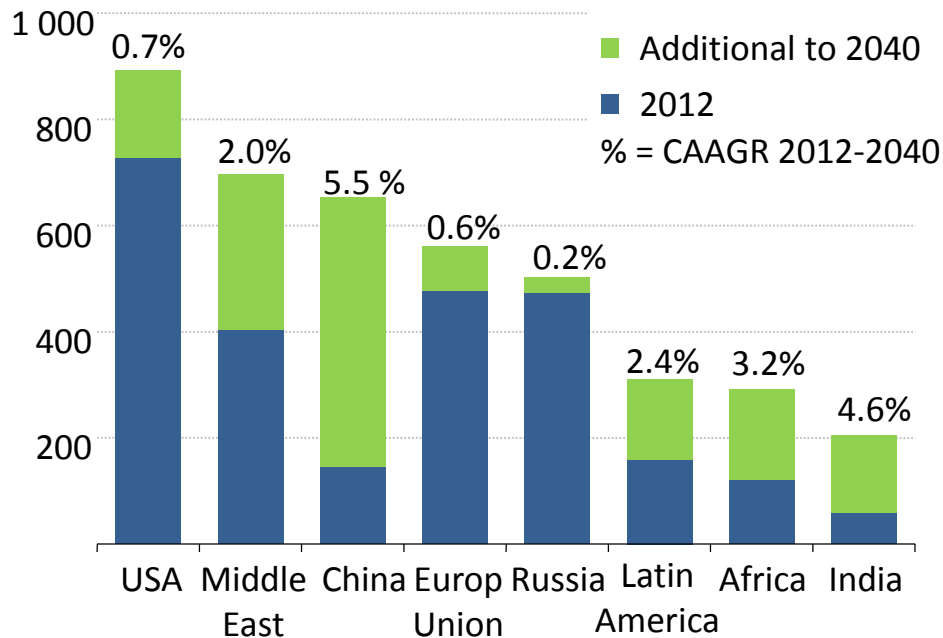


\* Includes biofuels

Source: BP Energy Outlook 2035

## Consumption by region

bcm



Source: IEA New Policies Scenario, World Energy Outlook 2014

But can we really be sure about that, everywhere?



# What need to be key-actions to promote gas?

## 1 Flexibility

Complementing fluctuating renewables

## 2 Off-grid

Enabling solutions via (small-scale) LNG

## 3 Decarbonization

Gas for energy-systems & transport-sector



# Gas: Essential part of shaping new energy systems

## Energy Efficiency

Higher demand for more efficient energy applications



- Mini and micro CHP units for residential segment
- Increasingly fluctuating renewables with opportunities for controllable devices offering balancing

## Decentral Generation

New installations of decentral energy



- Onsite generation: new trend
- Certain political support
- Possibility to place smaller scale plants locally to balance renewables with less capital commitment

## Transport

High potential, e.g. in Germany



- Traffic needs: 50 million vehicles in Germany
- Potential gas demand of 700 TWh/a
- LNG will be dominant fuel for German heavy vehicles

# Gas in 2050: How does it become part of the solution?

- 1** Regional and national roadmaps
- 2** Coordination via IGU
- 3** Promote successful showcases for gas

