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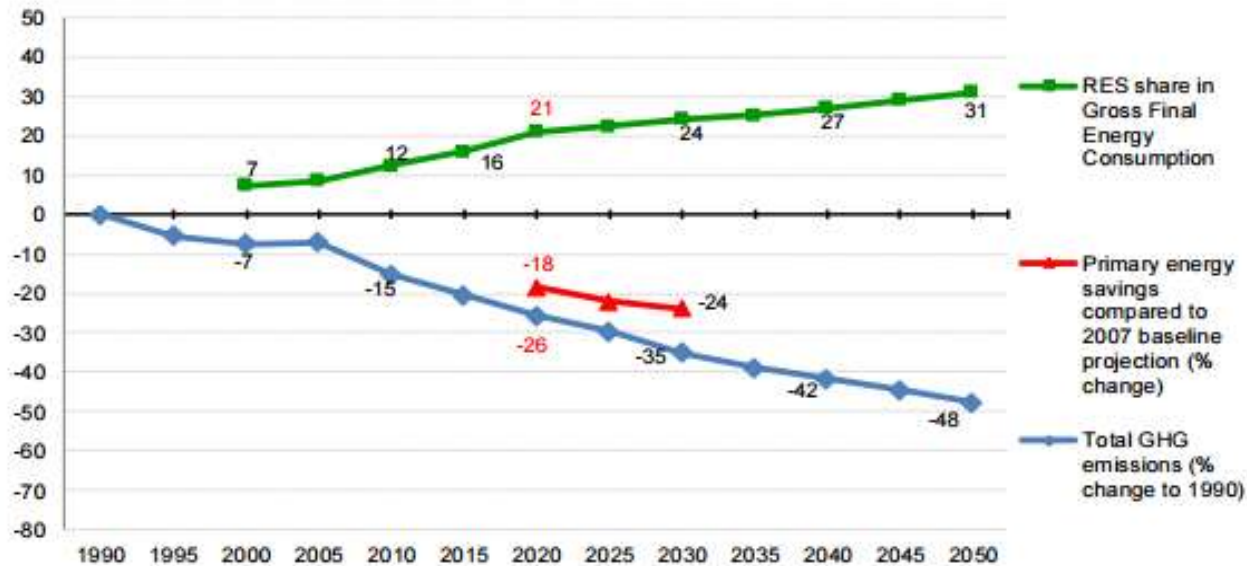
# Shaping the future of energy

From Policy to practical solutions:  
prospects from an industry point of view

4<sup>th</sup> Trondheim Gas Technology Conference  
December 5<sup>th</sup> 2016

# 2020 targets are in reach, step up required for 2030/50 ambition

Figure 16: Projection of key policy indicators: GHG, RES, (EE)



Source: EU2016REF scenario Primes, GAINS

## EU climate and Energy Framework

2030 RES > 27%

2030 EE > 30%

2030 GHG > -40%

2050 GHG > -80%






# Sustainable, Affordable and Secure energy

*What the EC wants...*

*...how....*

*...and what is the impact?*



-  CO2 emissions
-  Fossil fuel imports
-  EU green jobs
-  Energy security
-  competitive consumer prices

Internal Energy Market  
Security of Gas Supply  
Energy Efficiency  
Renewables  
Energy Performance for Buildings  
Power Market Design  
Carbon pricing (ETS)  
Governance

Improved (gas) market functioning  
  
More Infrastructure investment with projected demand decrease  
  
Overlapping policies and RES subsidies distort market

# Natural gas technologies for a low carbon future

- Upstream Energy efficiency
  - Carbon Capture, Utilization and Storage
  - Methane emissions
  - Gas in transportation
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- Medium term – gas positioning as perfect partner to intermittent renewables
  - Long term – gas technology/innovation needs focus on low carbon end use



# Statoil. The Power of Possible

From Policy to practical solutions:

Prospects from an industry point of view

Johan Leuraers

Marketing and Trading

Governmental and Regulatory Affairs

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