The role of natural gas, climate and sustainability in Statoil

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Statoil has a **global** footprint
Statoil in numbers

EQUITY PRODUCTION

1.927 million
barrels of oil equivalent per day in 2014

MARKET CAPITALISATION*

NOK 418 billion

22 billion
barrels of oil equivalent in resources

* Updated April 2015
World leading carbon intensity performance

Kg CO2 emitted per produced barrel of oil equivalent

Source: IOGP Environmental Performance Indicators (2013 data)
Norway
The energy nation

- The world’s 117th largest country
- The 11th largest energy producer
- 3rd largest gas supplier
- Statoil accounts for 15% of Europe’s gas supply
The world’s energy mix

Total primary energy supply

Market share in %

2012  Statoil renewal 2040  IEA 2015 ETP 2040  IHS 2DS 2040

Coal  Oil  Gas  Nuclear  Hydro  Biomass  New renewables

Sources: Statoil, IEA, IHS
How we work
The Norwegian gas machine
Safe, reliable energy supply and security of supply

- Energy supply from Norway is increasingly moving from oil to gas
- Statoil is the second largest supplier of gas to Europe, with safe and stable supply for over 30 years
  - Second largest supplier of gas to Germany
  - Provides 15% of the natural gas supply to the UK
Gas can power a carbon transformation

The combustion of coal to generate electricity produces twice as much CO₂ compared to using natural gas.

So replacing coal with gas is one of the most important and immediately available ways to rapidly reduce emissions.

If all of the coal power plants in Europe switched to gas Europe’s CO₂ emissions would be cut by 450 million tonnes a year – that’s about nine times the annual emissions of Norway.
A fair price for carbon

An effective cost for carbon emissions everywhere would enable the world to accelerate its move from fossil fuels to a truly sustainable energy mix.

At Statoil, we already pay for our emissions and we are advocating widely for an effective carbon price.

It would provide the certainty we and others need to invest in lower carbon options such as natural gas, and to commit to large-scale renewables development for the future.
Going the last mile

Taking responsibility:

- The Oil and Gas Climate Initiative (OGCI)
- Global coalitions to reduce emissions
- WB Global Gas Flaring Reduction
- Global Methane Initiative

Technology development:

- GE Powering collaboration
- Last Mile Fueling Initiative

Gas flared during production creates additional emissions – it’s also a waste of a valuable resource.

The Last Mile Fueling initiative is enabling our operations in the Bakken to capture waste natural gas.

We’re capturing gas that might otherwise be flared to power drilling operations and service trucks, and whatever we can’t use ourselves we sell.
Key takeaways

- Climate science - 2°C is also our target
- Most carbon effective oil and gas producer
- More renewables, less coal
- Paris is important, but we are acting now
- Cooperation and responsibility
Statoil is an international energy company with operations in over 30 countries. Building on more than 40 years of experience from oil and gas production on the Norwegian continental shelf, we are committed to accommodating the world’s energy needs in a responsible manner, applying technology and creating innovative business solutions.

We are headquartered in Stavanger, Norway with approximately 22,000 employees worldwide, and are listed on the New York and Oslo stock exchanges. More information on [www.statoil.com](http://www.statoil.com)