



Statoil

# German Business Delegation and Bærum Smart City

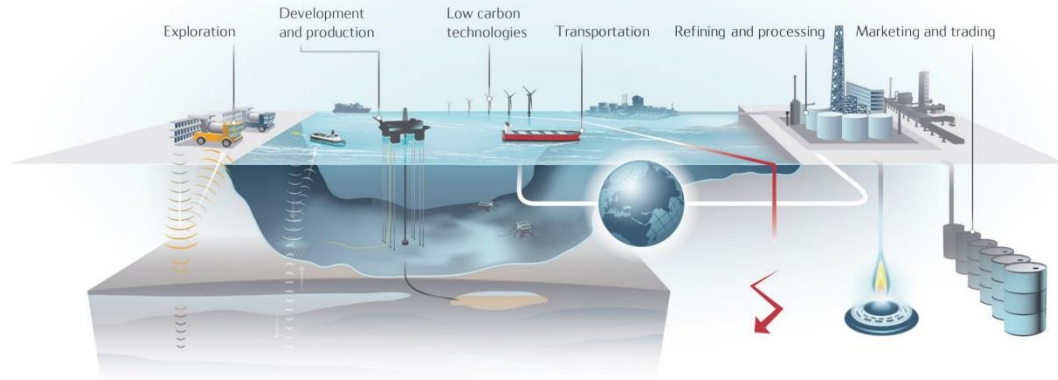
Hans-Aasmund Frisak

Classification: Internal

16 januar 20

© Statoil ASA

# Our value chain



# Gas transport network



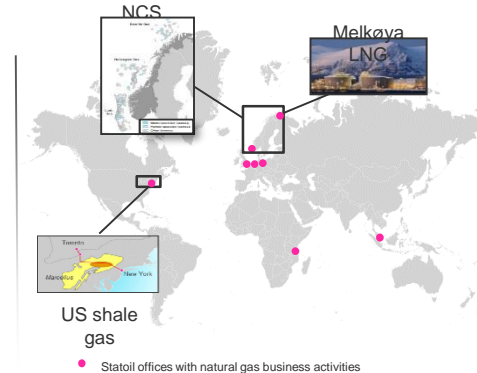
# A major gas player with Europe as gravity point

## Norway:

- Largest gas producer on NCS<sup>1)</sup>
- Pipeline gas to North West Europe
- Norwegian gas covers 25 % of EU28 demand
  - Statoil markets >70 % of NCS gas
- Europe's only LNG plant at Melkøya

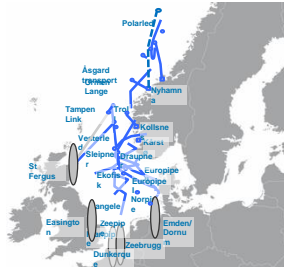
## USA:

- Shale gas production in Marcellus
- Deliveries of gas to Toronto and New York City

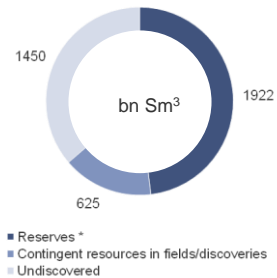


# Statoil's gas is well positioned in Europe

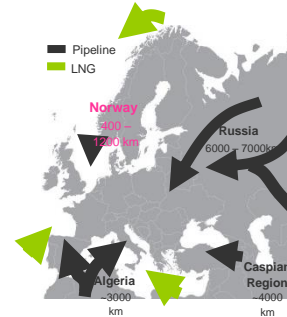
Access to an integrated and flexible pipeline infrastructure



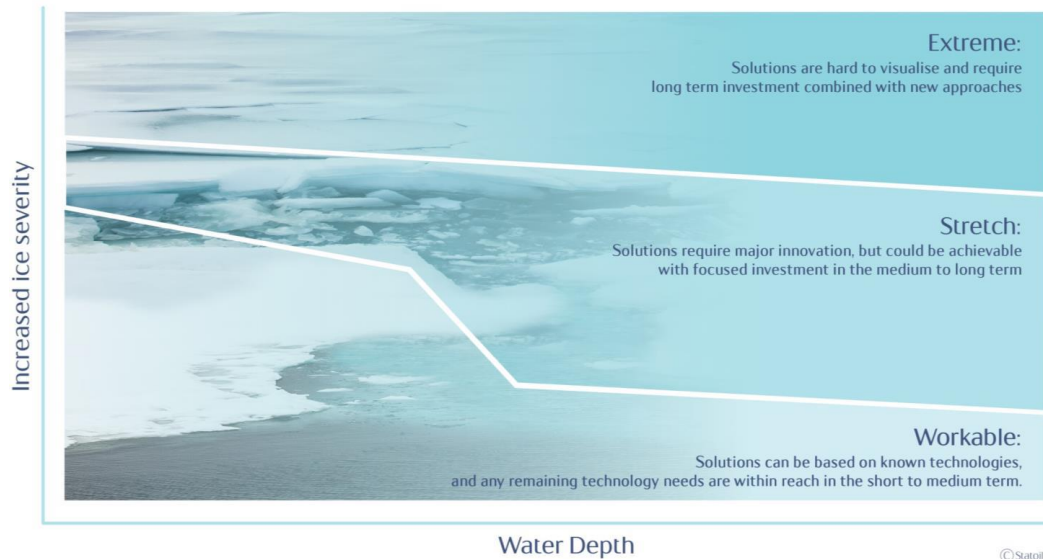
Large gas resource potential on the NCS



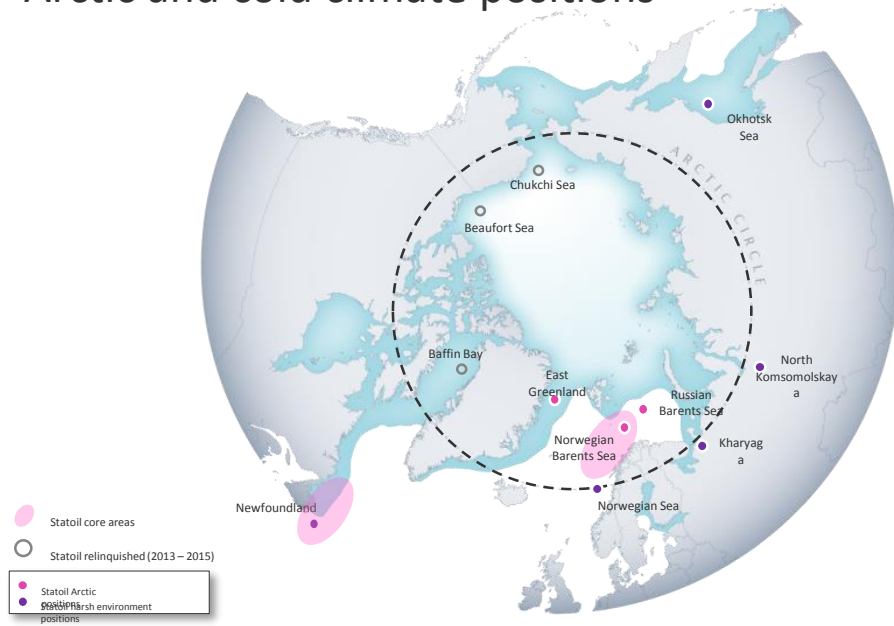
Proximity to markets



## There is not just one Arctic...



## Arctic and cold climate positions



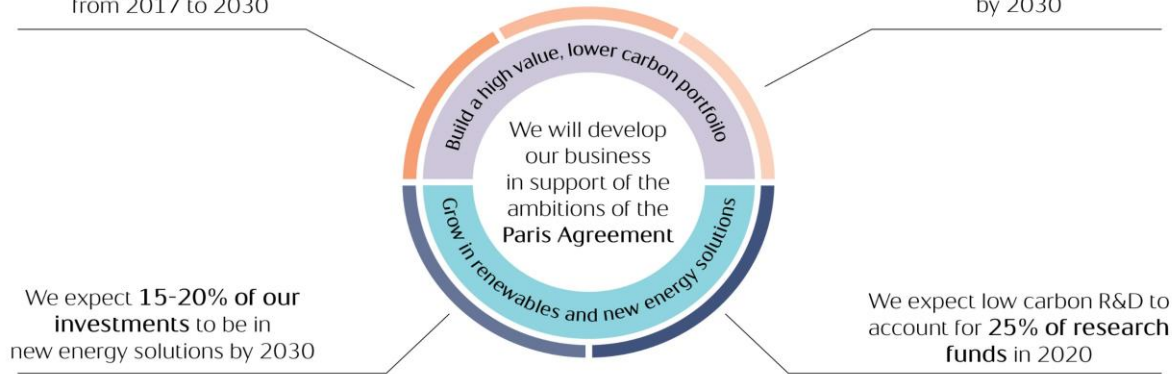
# CLIMATE ROADMAP

Creating a low carbon advantage

Methane emissions in the gas value chain is below **0.3% of gas delivered** to the market for Norwegian gas to Europe

We aim to reduce emissions with **3 million tonnes/year** accumulated from 2017 to 2030

We aim to reduce our carbon intensity to **8kg CO<sub>2</sub>/boe** by 2030



We expect **15-20% of our investments** to be in new energy solutions by 2030

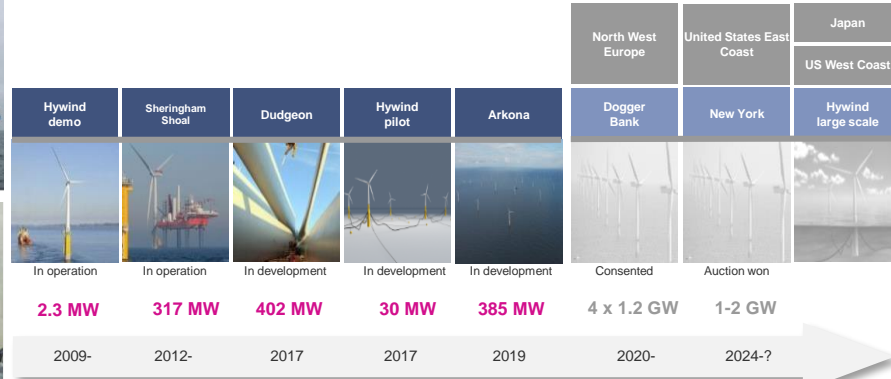
We expect low carbon R&D to account for **25% of research funds** in 2020

All investment decisions are evaluated against our **climate ambition**



# Providing offshore wind to >1 million homes

Playing to our strengths  
Attractive market



# Full field development



# Realising the Hywind Scotland pilot park

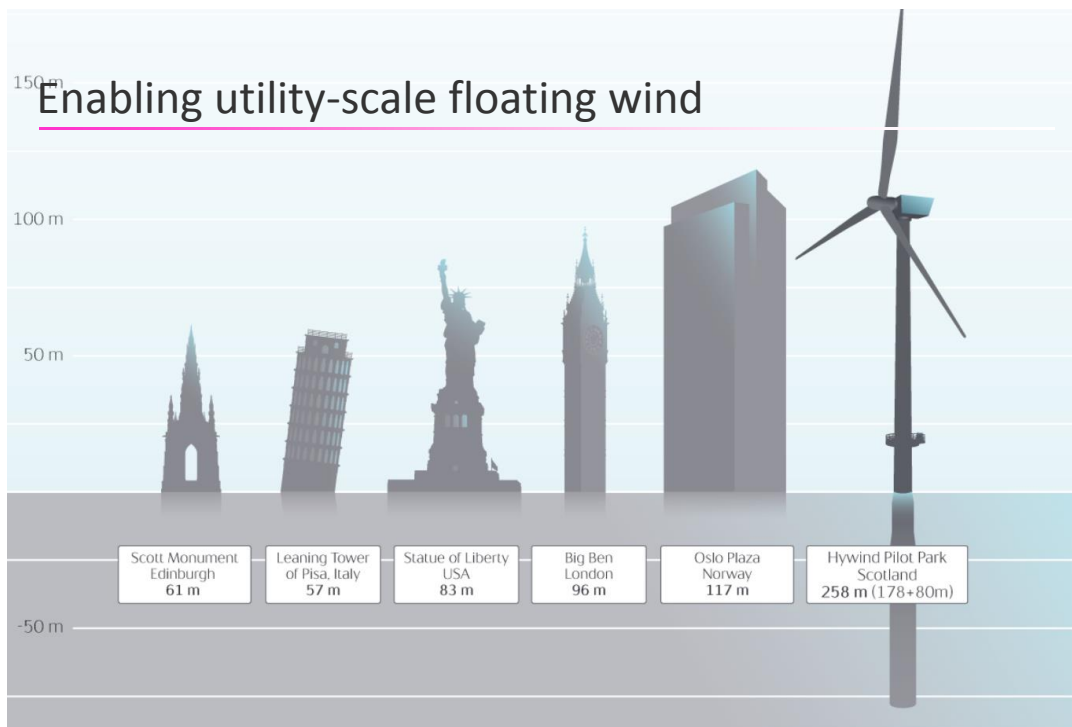


- **Investing around NOK 2 billion**
- **60-70% cost reduction** from the Hywind Demo project in Norway
- **Powering ~20,000 UK homes**

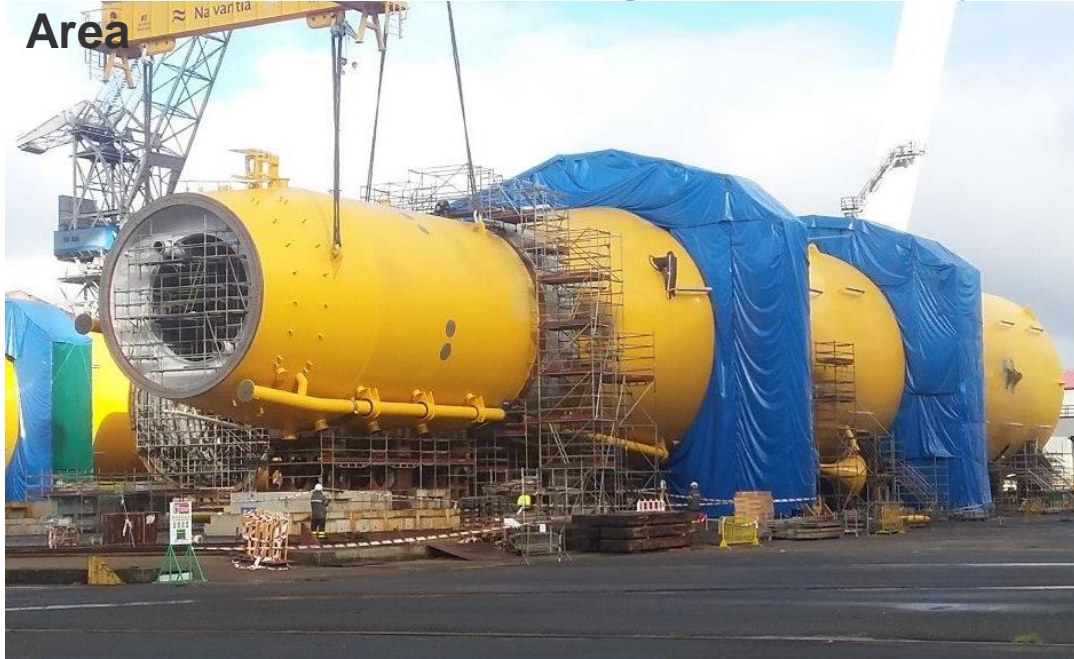
- **Installed capacity:** 30 MW
- **Water depth:** 95-120 m
- **Avg. wind speed:** 10.1 m/s
- **Area:** ~4 km<sup>2</sup>

- **Average wave height:** 1.8 m
- **Export cable length:** ~30 km
- **Operational base:** Peterhead
- **Start power production:** 2017

## Enabling utility-scale floating wind



# 1<sup>st</sup> Substructure in full length at Assembly Area



# Statoil. The Power of Possible

Presentation title

Presenters name/title, etc

[www.statoil.com](http://www.statoil.com)

© Statoil ASA

This presentation, including the contents and arrangement of the contents of each individual page or the collection of the pages, are owned by Statoil. Copyright to all material including, but not limited to, written material, photographs, drawings, images, tables and data remains the property of Statoil. All rights reserved. Any other kind of use, reproduction, translation, adoption, arrangement, any other alteration, distribution or storage of this presentation, in whole or in part, without the prior written permission of Statoil is prohibited. The information contained in this presentation may not be accurate, up to date or applicable to the circumstances of any particular case, despite our efforts. Statoil cannot accept any liability for any inaccuracies or omissions.