

# Perspective of an Energy Company

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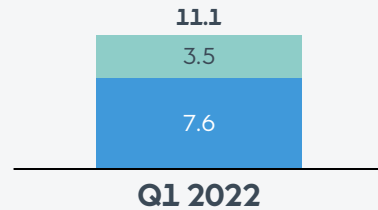
# We develop energy systems that are green and economically viable

## Offshore wind



- Global leader in offshore wind
- Develop, construct, operate and own offshore wind farms

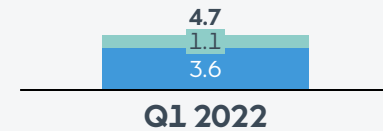
### Capacity, GW



## Onshore renewables



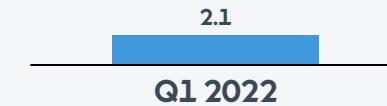
- Strong presence in the US and Europe
- Develop, operate and own onshore wind, solar PV and storage projects



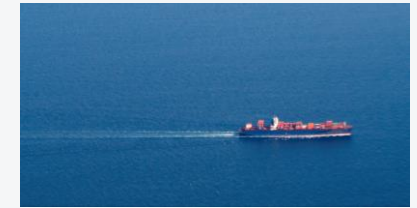
## Bioenergy & other



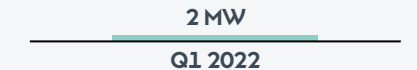
- Presence in Europe
- Own and operate bioenergy and waste-to-energy plants, and optimise gas portfolio<sup>1</sup>



## Renewable hydrogen and green fuels



- Emerging platform with 10 pipeline projects (+3 GW) mainly in Europe
- Develop, construct, own and operate hydrogen facilities



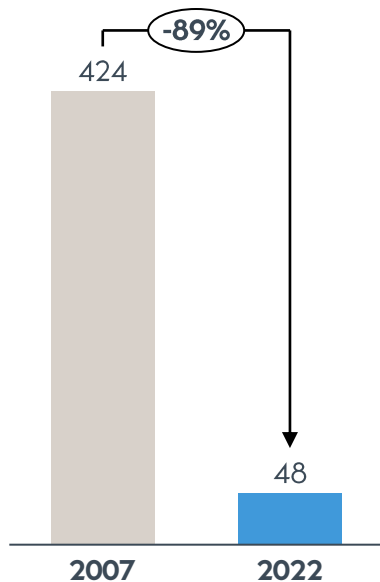
 Installed  Under construction

1. We neither enter into new long-term gas sourcing contracts nor prolong expiring contracts, our focus is on maximising the value of our legacy natural gas portfolio

# Our transformation

## CO<sub>2</sub> reduction

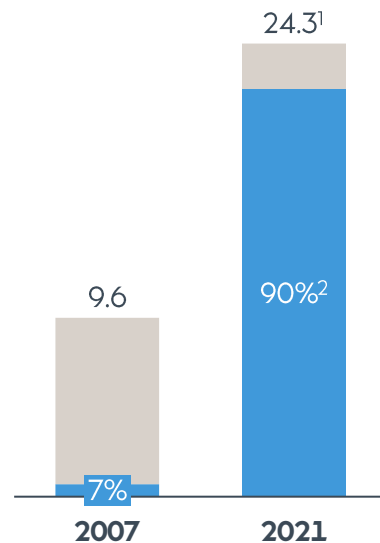
g CO<sub>2</sub>e/kWh (scope 1 & 2)



## Green transformation

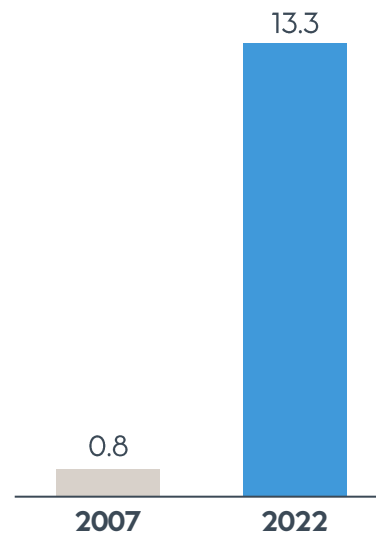
EBITDA, DKKbn, %

■ Share of renewables



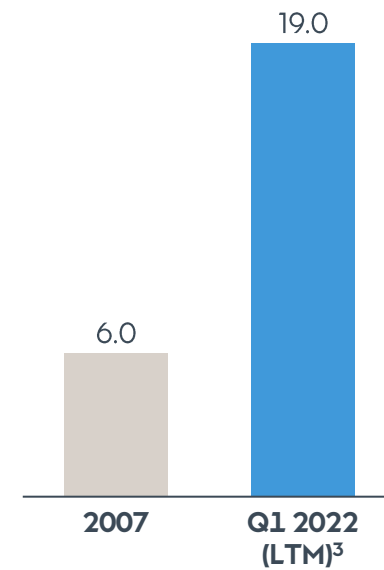
## Renewable capacity

Installed capacity, GW



## Profitability

ROCE, %

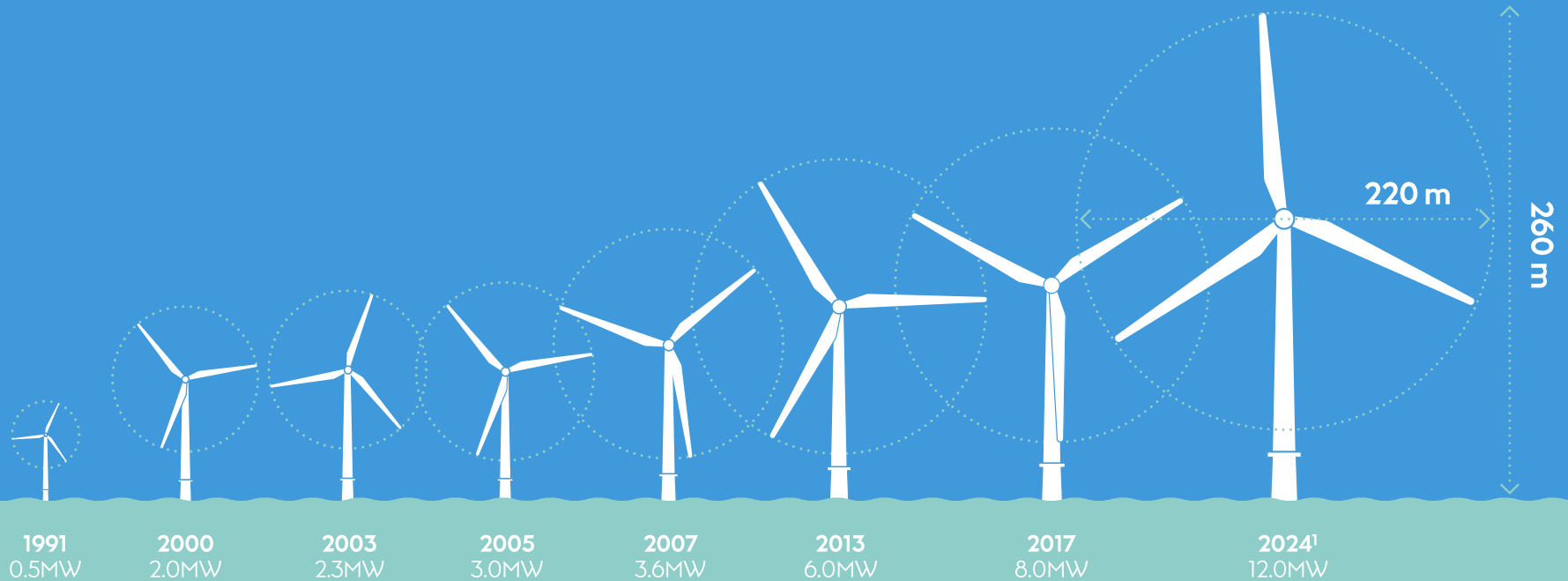


1. Including EBITDA from new partnerships 2. Taxonomy-aligned 3. LTM: Last twelve months

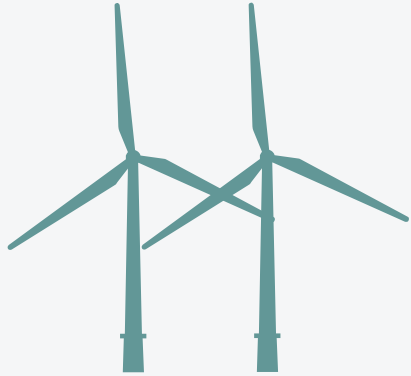
Source: Ørsted Interim Financial and ESG Report Q1 2022

# Scale and innovation have made offshore wind a competitive technology at scale

 Boeing 747-8  
Length: 76m



# The offshore wind supply chain is set for growth

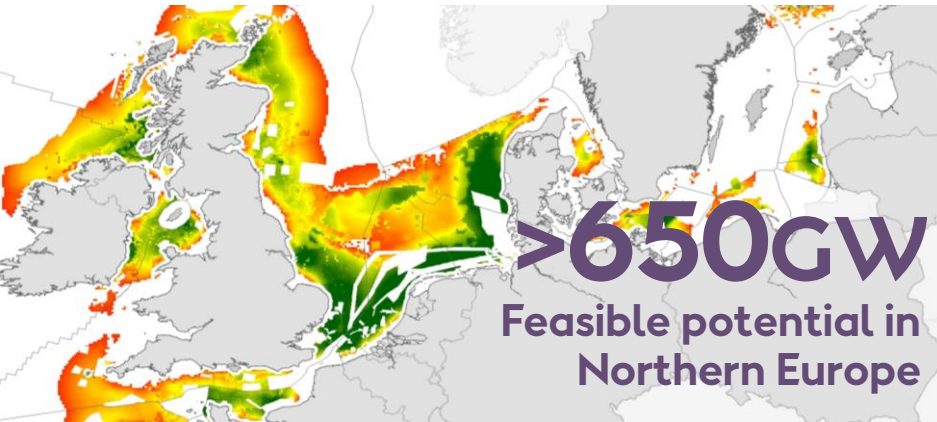


**300GW**  
EU 2050 target

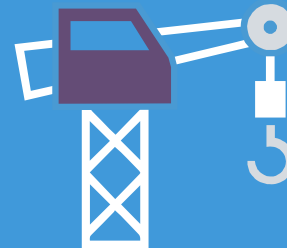
1GW modern offshore wind creates more than **26,000 full time equivalent job years<sup>1</sup>**

**9500**  
Direct

**16,500**  
Indirect & induced



**>650GW**  
Feasible potential in Northern Europe



... But all of this requires supply chain investments!

# Port of Esbjerg: From oil and gas-hub to offshore wind capital

- Since Horns Rev 1 (2001) was installed, **Port of Esbjerg has successfully converted** its initial investments and experience into becoming a leading hub for offshore wind
- **Transformation mirrored by Esbjerg-based suppliers**, several of which began to diversify their strategies from O&G to offshore wind following the 2014 oil crisis
- Today, **Esbjerg is a global hub for offshore wind** installation and O&M



**1 million m2**

the total size of the Port of Esbjerg's offshore wind area, making it among the leading offshore wind ports in the world.

**240 million EUR**

the total amount invested in the expansion since the first offshore wind contract with Horns Rev 1 in 2001.

**55%**

Port of Esbjerg has been involved in 55% of accumulated offshore wind capacity from 2001-2018 (~54 wind farms).

**25%**

share of offshore wind in Port of Esbjerg's revenue. Since 2015, O&G has continued to decline, now accounting for just 10%.

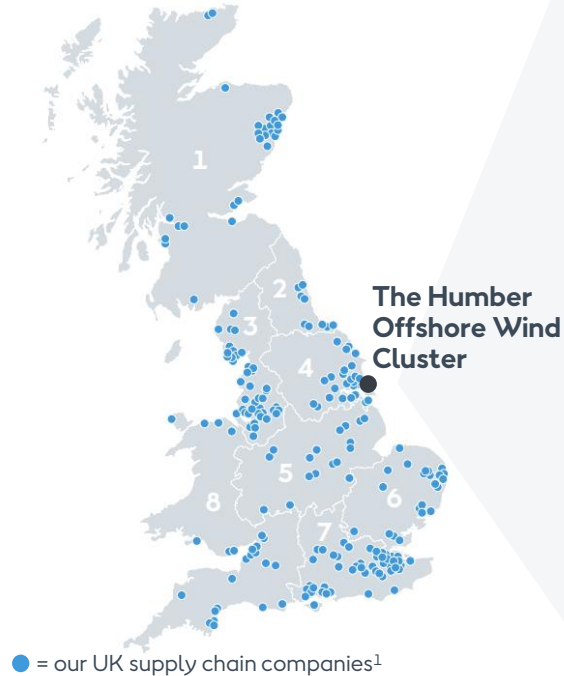
**~250**

Esbjerg-based companies specialized in offshore wind (2017). 50% have adjacent businesses in O&G.

**40%**

the current revenue share generated by global offshore wind projects for **Esvagt**, up from just 2-3% five years ago.

# The Humber, home to the UK's most established OFW cluster



\* estimated

**+500**  
offshore wind turbines  
operational 2021  
**22%**  
of all offshore turbines  
installed in the UK

A workforce of over  
**1,710**  
Growing to over  
**10,500**  
By 2026



## Ørsted in Grimsby

- Base for over 500 people
- Home port for 3 Service Operation Vessels and several smaller crew transfer vessels
- Operating 5 offshore wind farms – including the largest in the world, Hornsea One

Let's create a world  
that runs entirely on  
green energy

