

DOGGER BANK WIND FARM

Agenda

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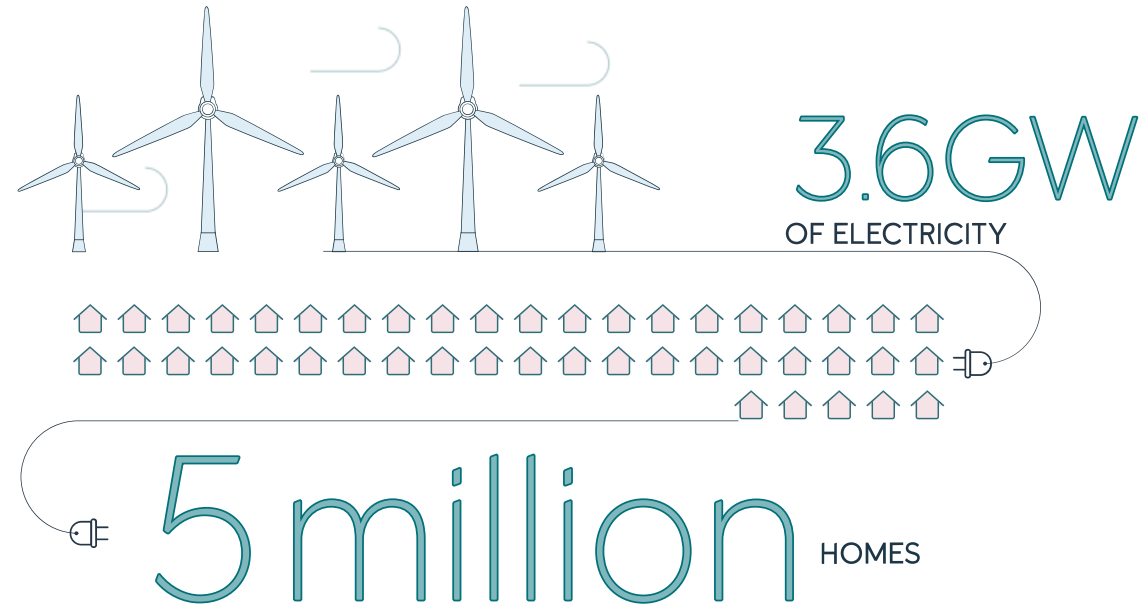
- Introduction to Dogger Bank
- Supporting the Green Industrial Revolution
- Innovation & Supply Chain
- Operations
- Recruitment, Skills & Community Engagement

Dogger Bank Overview

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If you've heard of Dogger Bank, a large sandbank around 130 km off the North East coast of England, it's quite likely to have been as part of the shipping forecast on the radio.

But soon, it will be home to the world's largest offshore wind farm, capable of producing a whopping 3.6GW of electricity, enough to power 5 million homes, or about 5 per cent of total UK demand.



Supporting the UK's Ten Point Plan

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Advancing Offshore Wind and Green Growth

- The world's largest offshore wind farm, supporting job creation & skills

Supply Chain Innovation

- New Technology including HVDC and 14MW Turbines

Green Finance

- World's largest offshore wind project financing ever, phase A+B

Supporting the levelling up agenda and investing in coastal communities

- Anchor project for GE Inward investment on Teesside

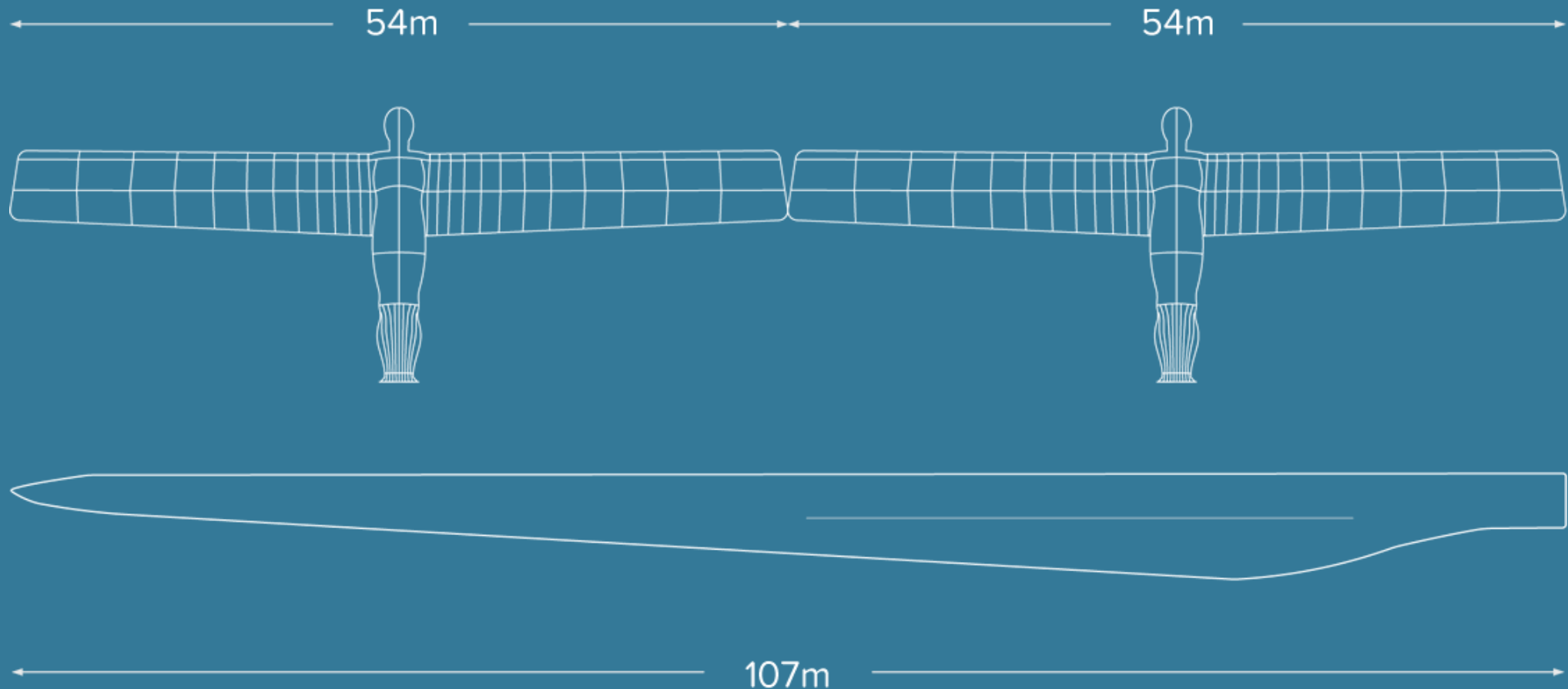


Prime Minister Boris Johnson visiting the Turbine Test Centre at ORE Catapult in Blyth

Dogger Bank Turbines

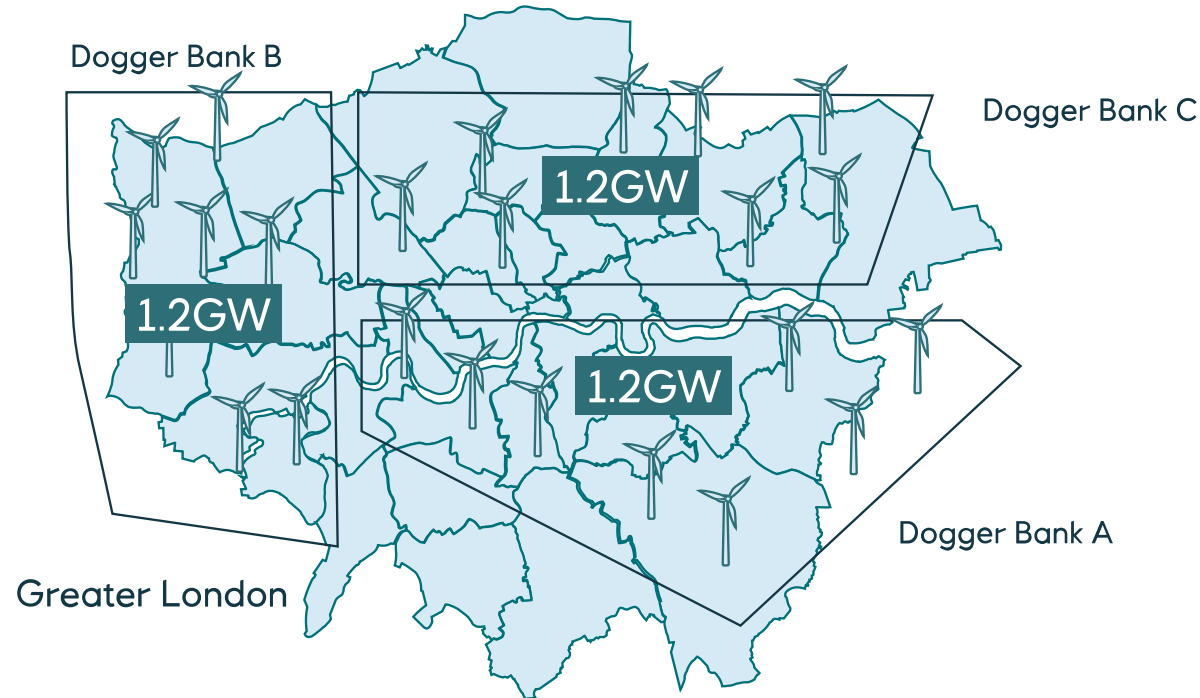
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Each turbine blade is 107m long...twice the wingspan of the Angel of the North

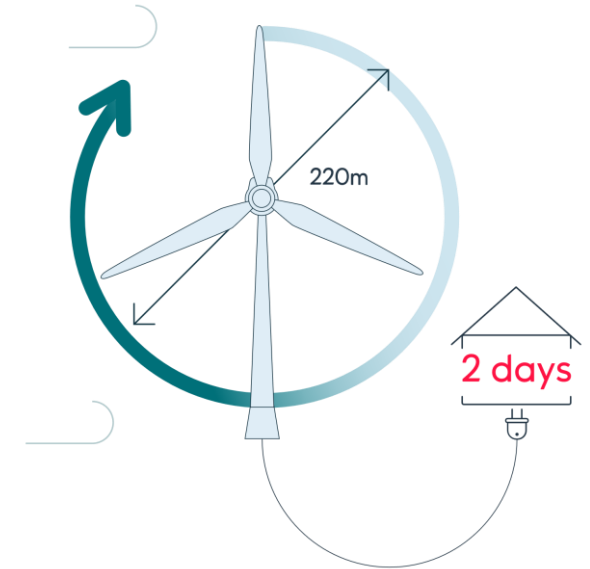


A project of scale...

The 1,700 km² project, covering an area larger than Greater London, is set to make a significant contribution to the UK economy – thousands of jobs are being created during the construction phase and more than 200 people will eventually operate the wind farm from the Port of Tyne.



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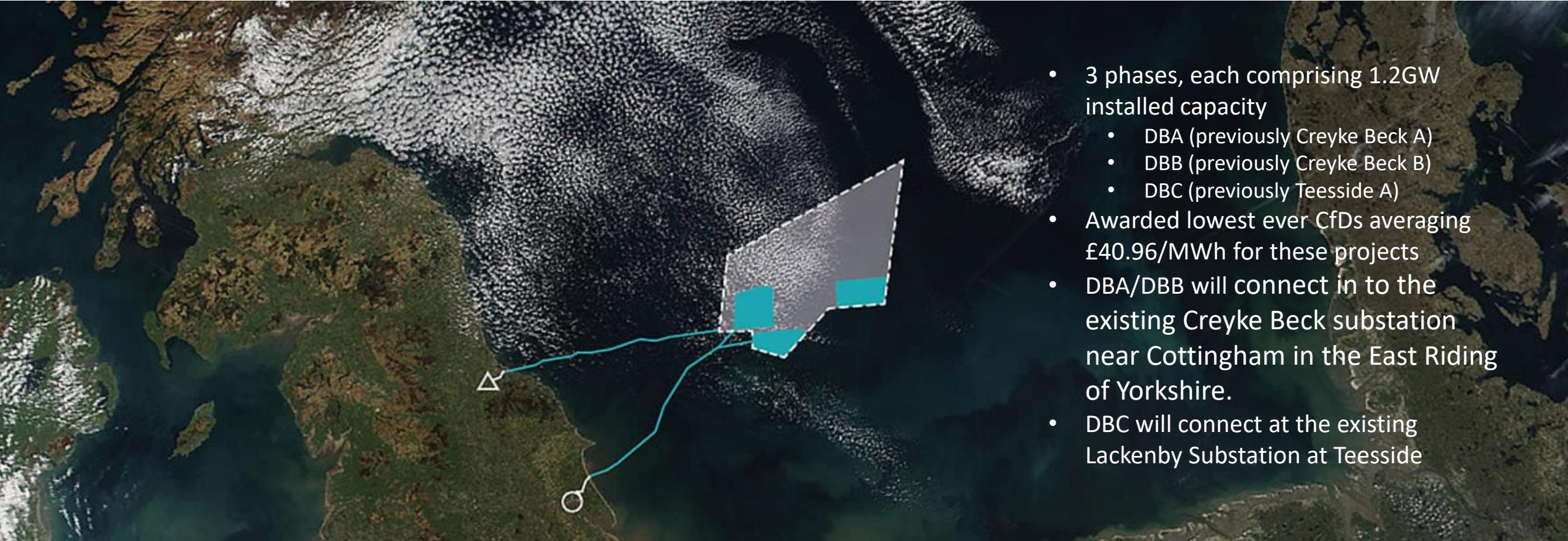


13MW & 14MW turbines

A single sweep of their 220-metre rotors will produce enough electricity to power the average UK home for two days

Connecting to shore

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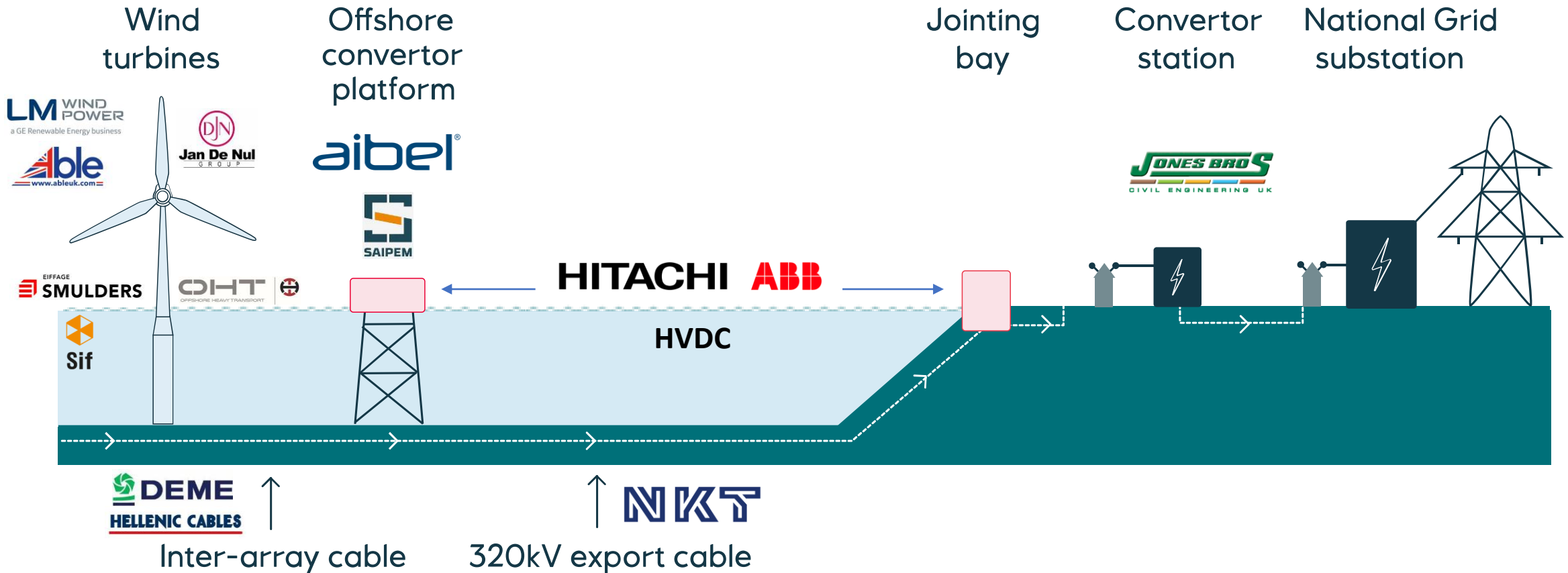


- 3 phases, each comprising 1.2GW installed capacity
 - DBA (previously Creyke Beck A)
 - DBB (previously Creyke Beck B)
 - DBC (previously Teesside A)
- Awarded lowest ever CfDs averaging £40.96/MWh for these projects
- DBA/DBB will connect in to the existing Creyke Beck substation near Cottingham in the East Riding of Yorkshire.
- DBC will connect at the existing Lackenby Substation at Teesside

Supply Chain

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← 173km → ← 30km → ← 5km →



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Supply Chain Engagement

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Dogger Bank Wind Farm is fully committed to supporting the UK supply chain, where possible, and we encourage our suppliers to provide opportunities for UK companies in the tender processes

Activities so Far

Catalyst to for GE to invest in blade manufacturing plant in North East

Multiple UK suppliers used and contracted related to operations

“Meet the buyer” supply chain webinars

Working With Industry

Energi Coast

Active support and engagement and contribution – North East

Offshore Wind Growth Partnership

significant funding

TIGGOR Programme

Technical advisor for North East company innovation

Future O&M Supplier Opportunities

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Opportunities from start operations in 2023 through life of project to beyond 2050

UK content expected to be in excess of target during operations phase

Difference to construction phase where large multinational companies are used – operations can be much smaller and locally focused

- ✓ **Inspection, Maintenance and Repair Servicers**
- ✓ **Marine and Logistics Services**
- ✓ **Other: Training, Spares, Refurbishment**
- ✓ **Facility Support: Cleaning, catering, hotels, transport etc.**



Skills & Community Fund

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Community Fund – Dogger Bank

- We will invest up to £1m in the construction phase
- STEM education / accreditation and scholarships
- Operators fund to support local projects up to £500
- Continued funding during operations of the wind farm, up to 35 years

Other

- Community projects in South Tyneside and the wider Tyne / NE area
- Volunteer to support projects in the community and education

Offshore Wind Industry

- Work with local partners on shared value projects
- Support the next generation of workforce equipped for green growth



NE England offshore Wind Cluster

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Regional Excellence Global Capabilities
ENERGI COAST
North East England's Offshore Wind Cluster

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CATAPULT
Offshore Renewable Energy

NOF

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