

How much electricity will it produce?



This project has a total capacity of up to **659** MW.



This means that each year it will provide enough power for over **590,000** homes.¹

What is the potential impact on the local economy?



Up to **250** new jobs will be supported by the operations and maintenance phase of the project.

Ownership

Walney Extension is a shared-ownership project between Ørsted and our partners PFA (25%) and PKA (25%).

¹ We have based this on a load factor of 42% and a household consumption of 4.1 MWh per year. Source: DECC, 2015, Average electricity consumption per UK household in 2014 (with temperature factor applied).

Community Benefit Fund

Ørsted has committed to a Community Benefit Fund worth up to £600,000 each year for Walney Extension's 25-year lifetime. This fund recognises the long-term relationship which the Walney Extension Offshore Wind Farm has with the local region and will support community and environmental projects in coastal areas of Lancashire and Cumbria. There are two funding rounds each year and grants have already been awarded to many inspirational causes.

For more information, please visit:

www.grantscape.org.uk/fund/walney-extension-community-fund

What is the impact on the UK supply chain?

Walney Extension was constructed in two phases. For phase one we sourced the turbines from MHI Vestas with blades from their Isle of Wight facility. Siemens Gamesa were the preferred supplier for phase two. Blades were manufactured in Siemens Gamesa's Green Port Hull factory and some towers were sourced from CS Wind's factory in Campbeltown. We have increasingly sourced from UK factories, which helped to build the supply chain and maximise benefits to the UK economy.

Contact us

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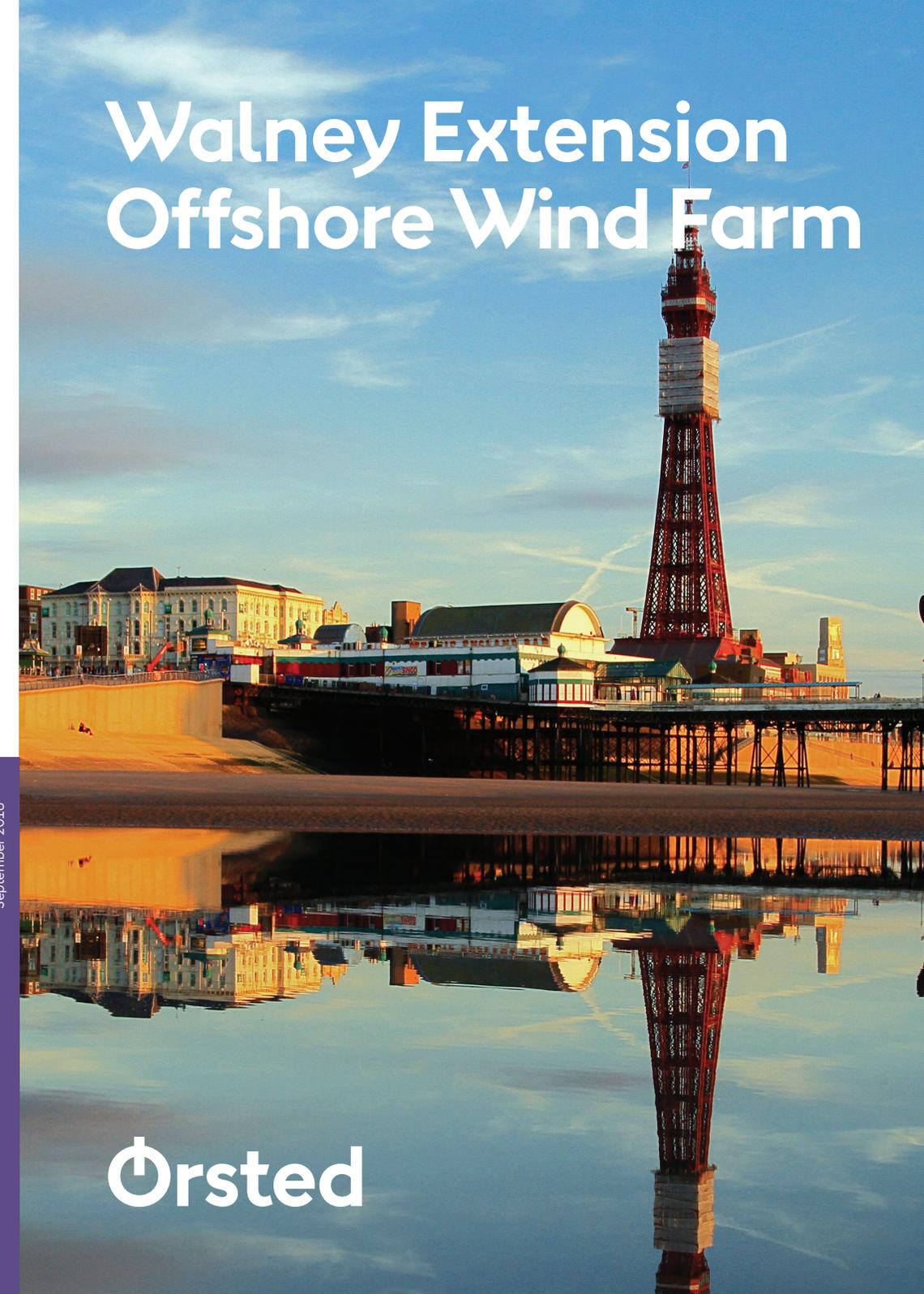
Cover image: Blackpool Tower



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Walney Extension Offshore Wind Farm



September 2018

Ørsted

Welcome to Walney Extension

Walney Extension is the world's largest offshore wind farm. Situated next to the existing Walney and West of Duddon Sands Offshore Wind Farms, Walney Extension is made up of 87 turbines and has a total capacity of 659 MW. The project is a shared-ownership project between Ørsted and our partners PFA (25%) and PKA (25%).

Ørsted is a renewable energy company taking tangible action to help create a world that runs entirely on green energy.

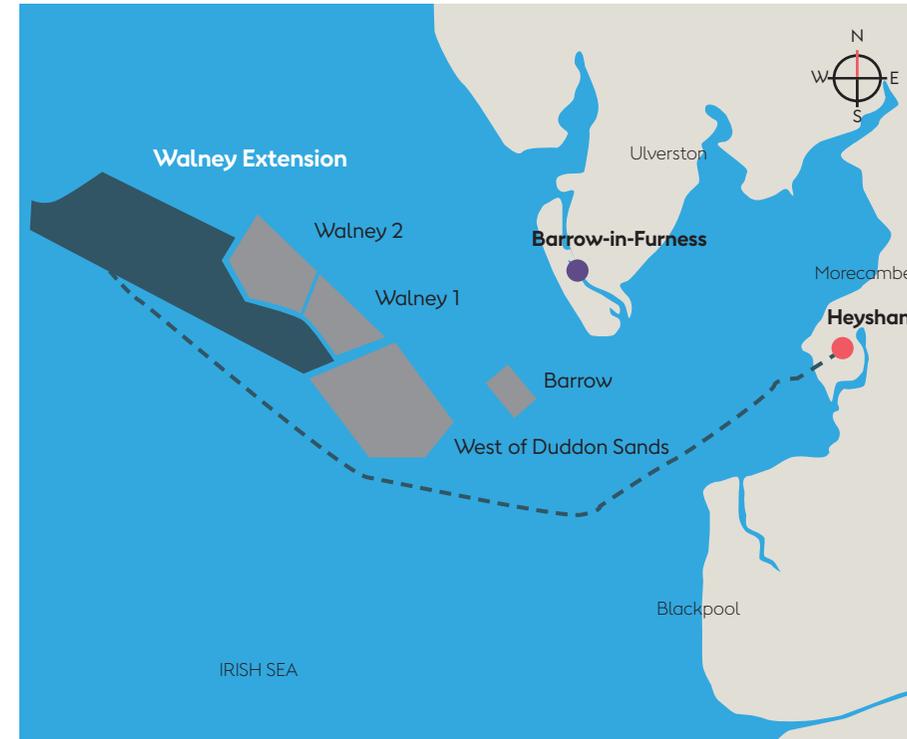
We have invested significantly in the UK, where we develop, construct and operate offshore wind farms and innovative waste-to-energy technology. We also provide smart energy products to our commercial and industrial customers.

We are undertaking a truly green transformation by divesting our oil and gas business and phasing out coal from our power stations worldwide.



Where is Walney Extension?

Walney Extension Offshore Wind Farm is located in the Irish Sea approximately 19 km from the Walney Island coast in Cumbria.

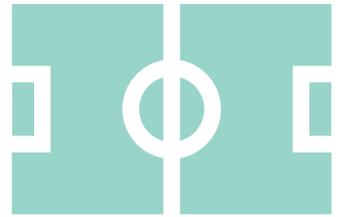


- Walney Extension Offshore Wind Farm
- Cable Corridor / Route
- Onshore Substation
- O&M base

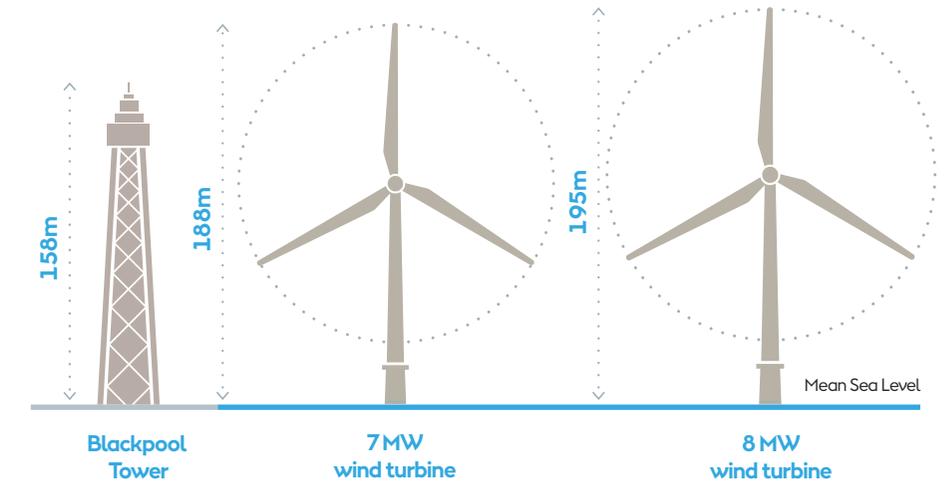
How big is it?

The area covered is **145 km²**.

This is equal to **20,000** Holker Street football pitches, home to Barrow A.F.C.



87 turbines have been deployed. These are split between two leading manufacturers, 40 x MHI-Vestas 8.25 MW turbines and 47 x Siemens Gamesa 7 MW turbines.



May 2010

The Crown Estate awarded an agreement for the lease to extend the Walney Offshore Wind Farm by up to further 750 MW, over a 145 km² area, under the Round 2 extension of leasing



November 2014

Consent awarded



August 2015

Onshore construction commences



February 2017

Offshore construction commences



August 2017

First power generated



June 2018

Offshore works complete