

HEY LEP Career Aspirations Group: Net Zero CPD Event

Career opportunities in the Net Zero industries



Housekeeping

Chris Howell

HEY LEP Employment & Skills Manager

Introduction

Andy Crossland
HEY LEP Chair Career Aspirations Group

HEY LEP Career Aspirations Group

Active working group with the remit for all age CEIAG and reporting to the HEY LEP Employment & Skills Board.

5 key objectives:

1. To promote CEIAG quality standards, such as QICS and Matrix
- 2. To help support & develop local CEIAG practitioners**
3. To develop and promote Labour Market Information (core CAG theme)
4. To review, develop, and promote Employability Skills passports
5. To review the LEP Skills Pledge

Today's Event

- Perceived gap for **careers and IAG staff** to network and undertake CPD
- Concept = termly short events focused on specific sectors & industries
- Enable networking and sharing best practice / information
- Offer marketplace & access to LMI Information
- Appreciate your feedback / future topics

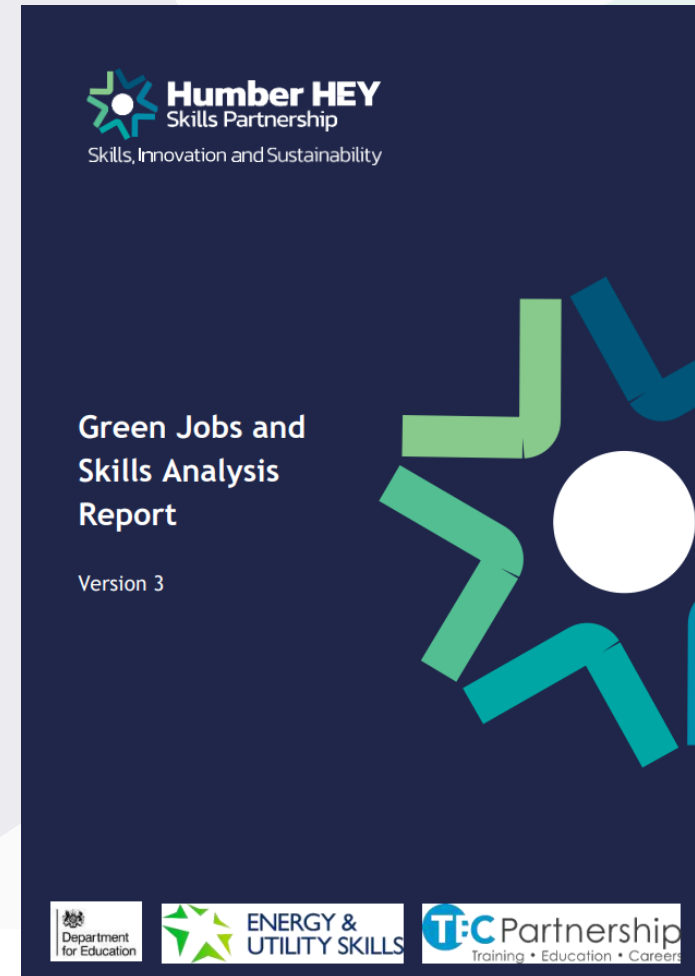
Agenda

- 09:05** Introduction to Aura and UoH
- 09:25** Centrica
- 10:05** COMFORT BREAK
- 10:20** Orsted
- 10:40** Questions & Answers
- 11:00** Networking & Close

HEY LEP Green Jobs and Skills Analysis Report

Comprehensive research into the net zero sector funded by the HEY Strategic Development Fund 2.

Download here: [Green-Jobs-and-Skills-Analysis-2023.pdf \(heylep.com\)](https://heylep.com/Green-Jobs-and-Skills-Analysis-2023.pdf)



Introduction to Aura and the University of Hull

Paul Smeeton
Aura Innovation Centre

Centrica

Rosanna Plant
Development Lead – energy transition

Orsted

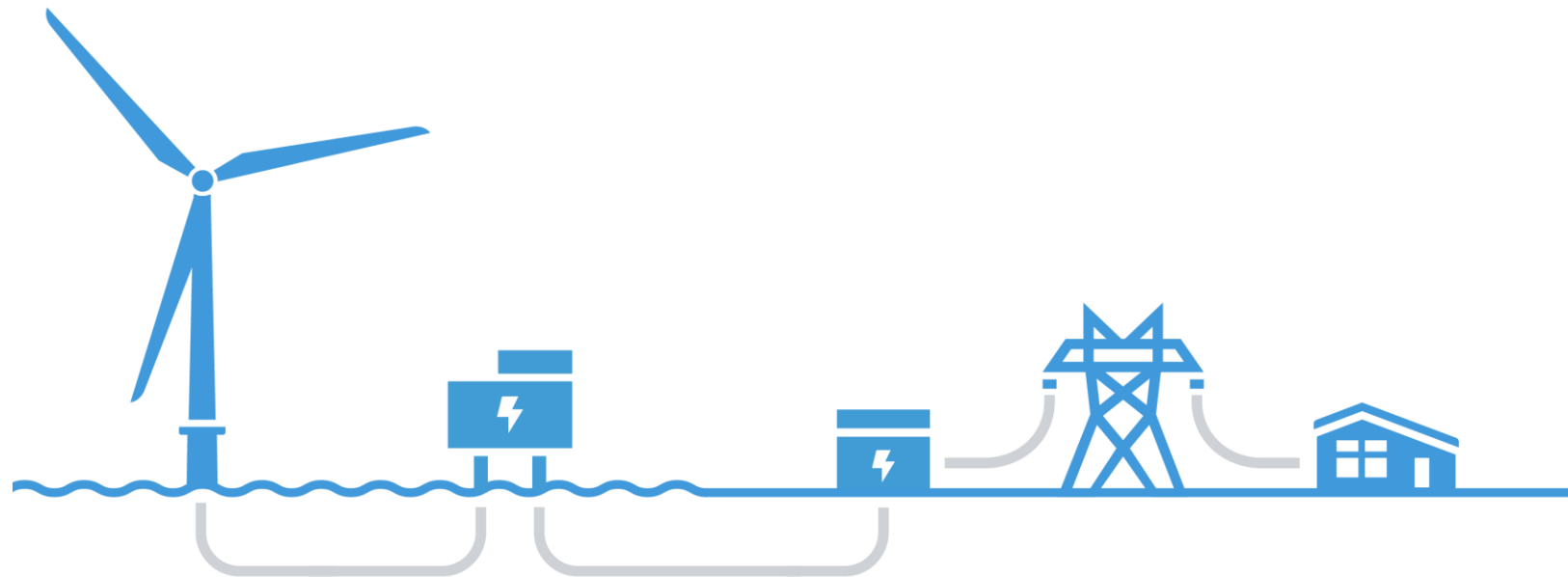
Harriet Farmery
Orsted, Community Engagement Officer

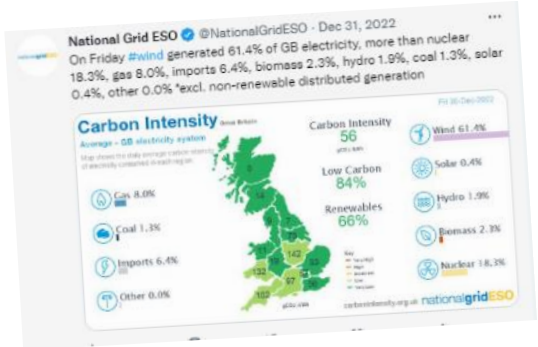
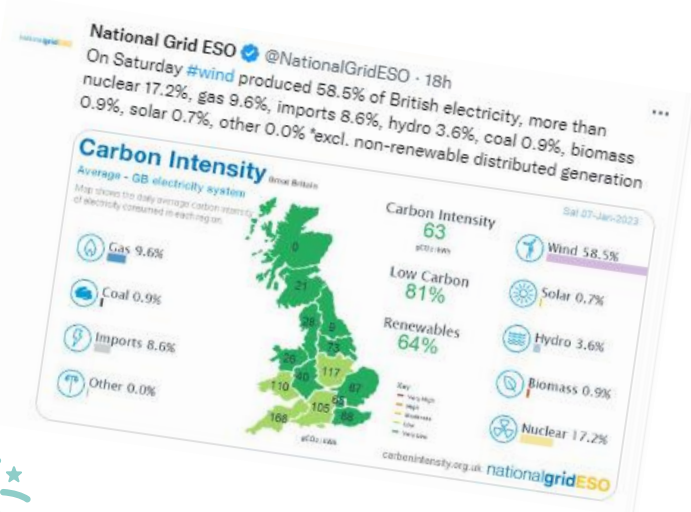
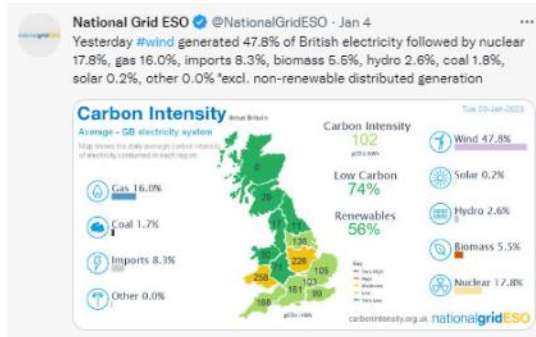
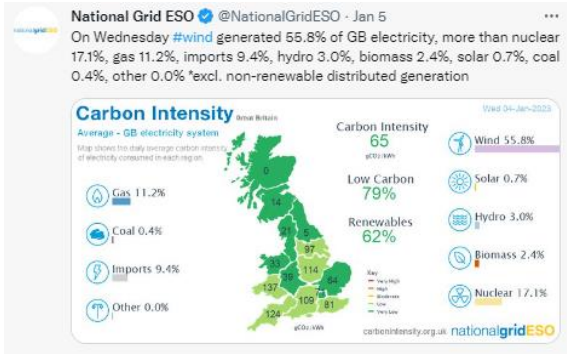
Ørsted

A chance to change the future

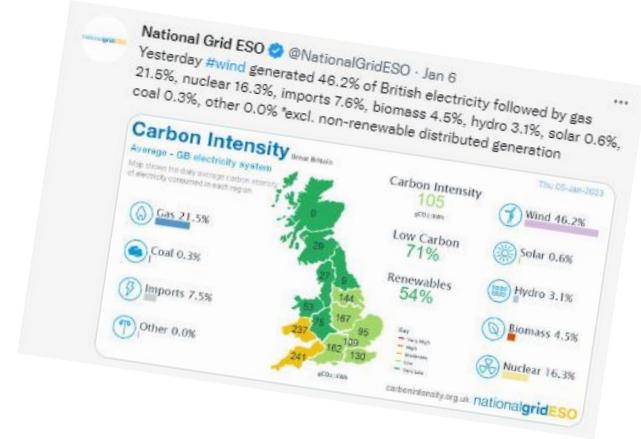
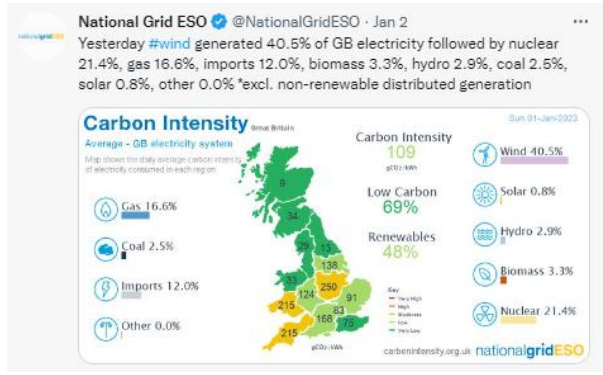
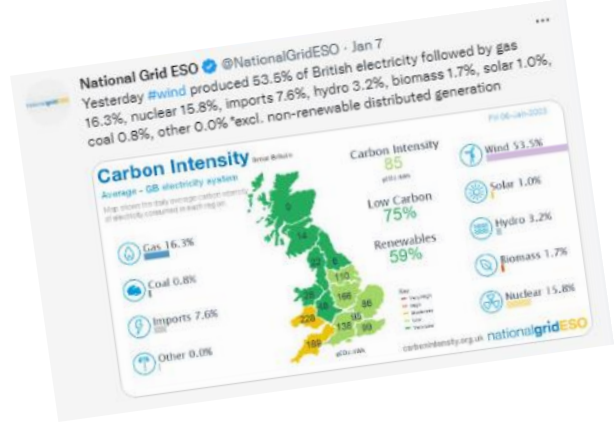


What is offshore wind?

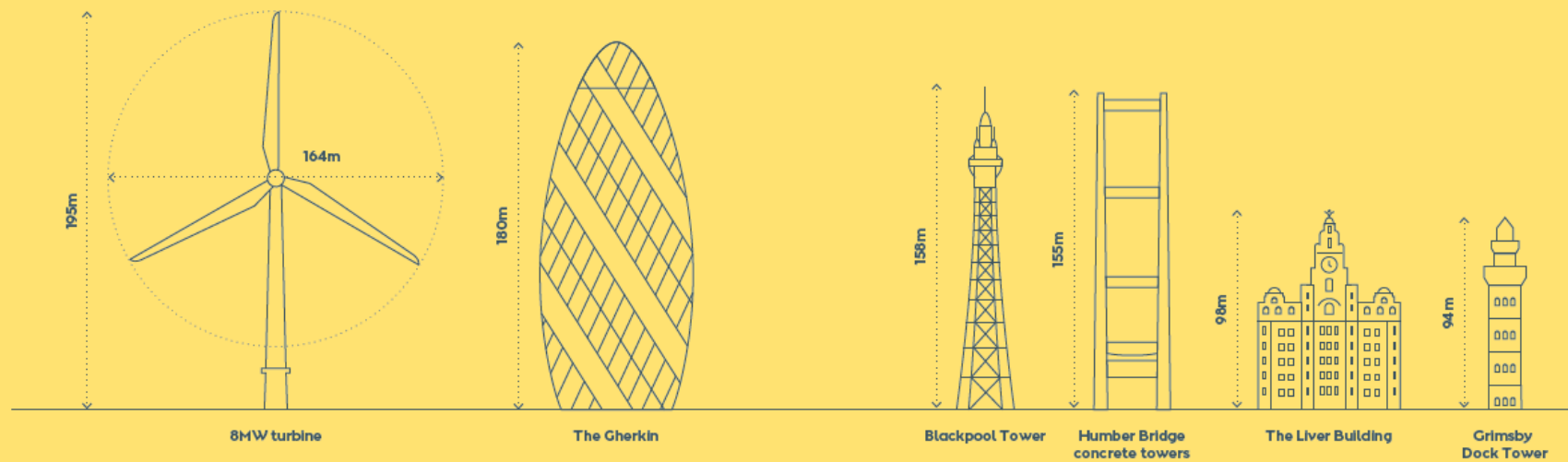




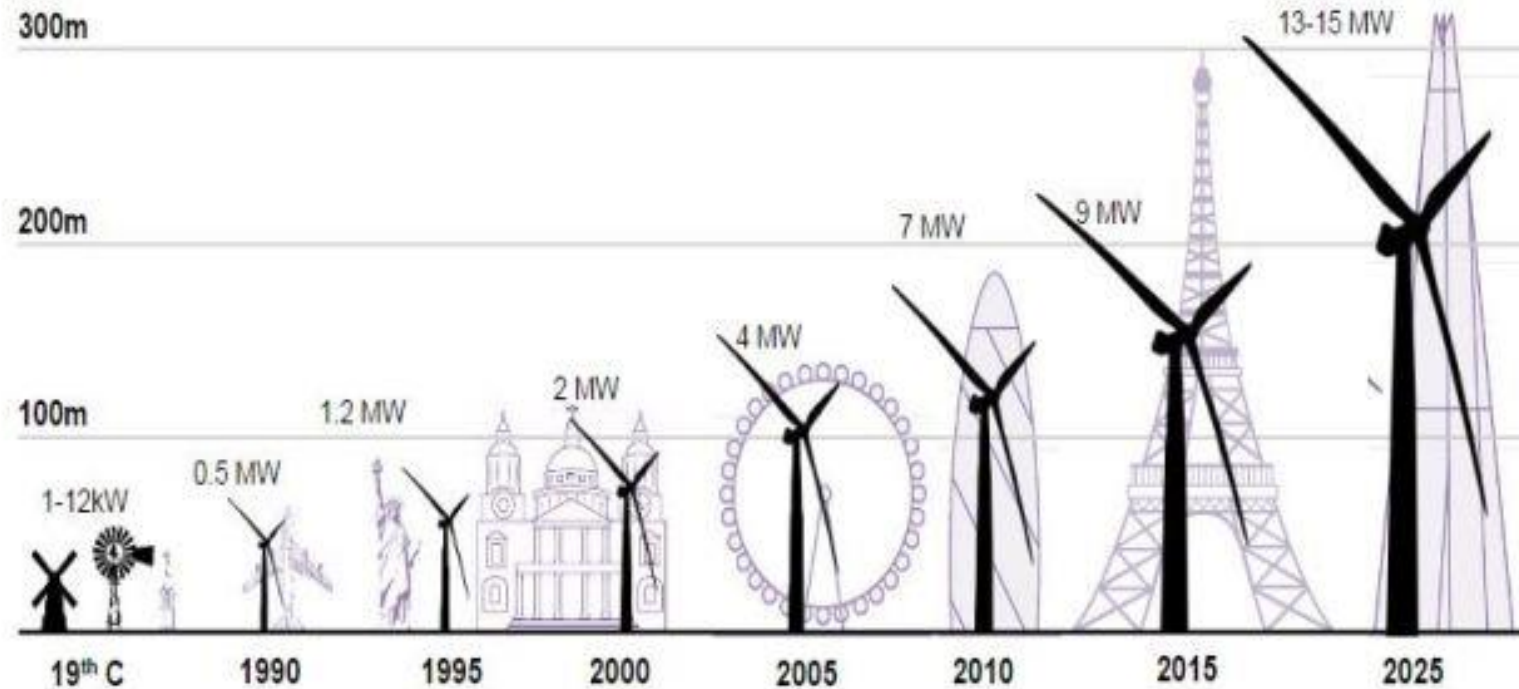
Breaking records



How large is an offshore wind turbine?



Evolution of wind turbine heights and output



Sources: Various; Bloomberg New Energy Finance

This map shows the geographical location, project name, developer and capacity of the UK's offshore wind farm developments.

The chart overlaid shows the current expected delivery timeline for every offshore wind project in development in the UK.



45 offshore wind farms in operation

45 in construction and planning

100,000 people needed to deliver



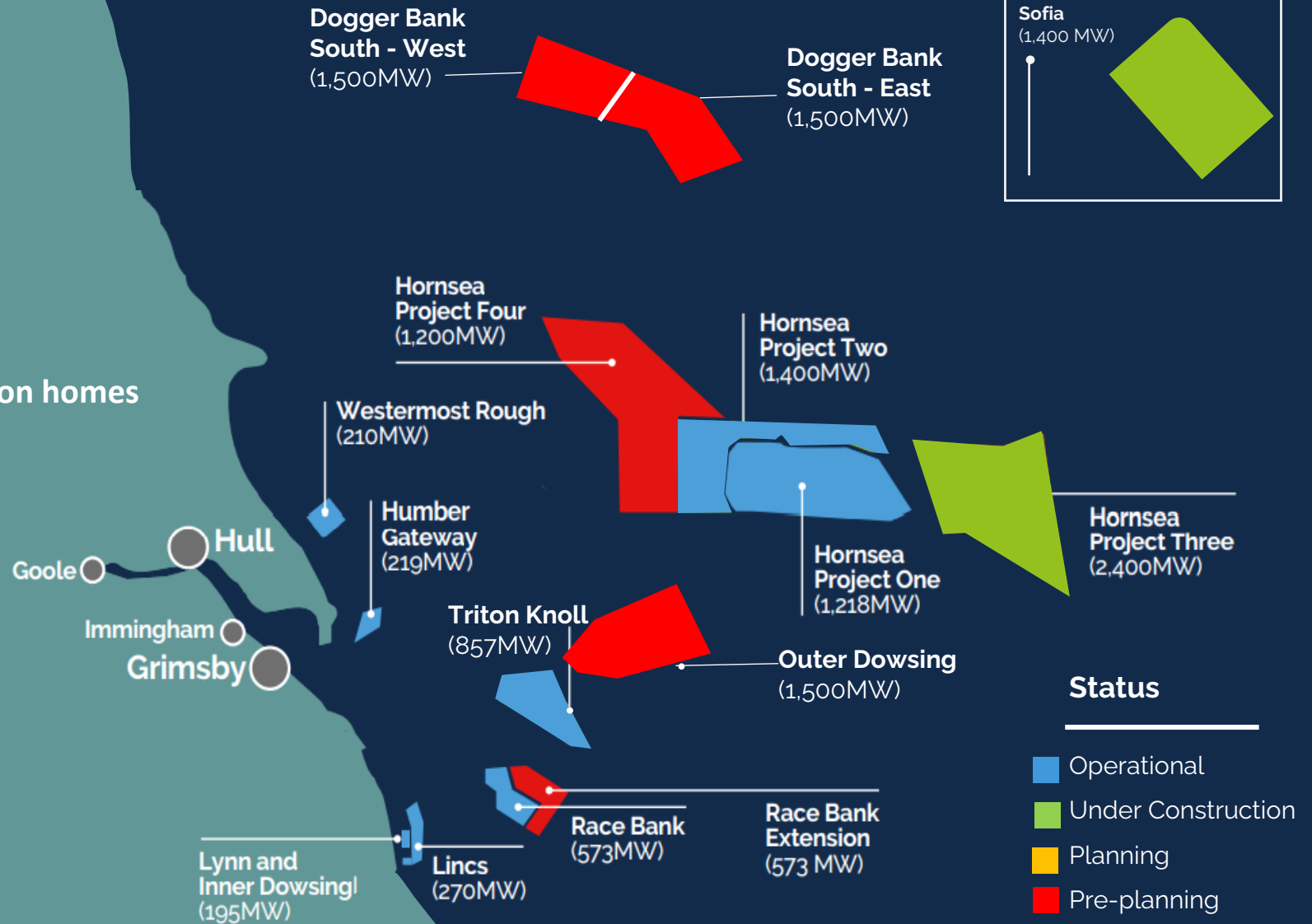
8 in operation

2 in construction

5 in development

757 turbines

Power for over 4.4 million homes



Supply chain



Plus an army of companies that support the development, construction and operations of offshore wind farms beyond the Humber ...

- Archaeologists
- Cable layers
- Drainage consultants
- Environmental specialists
- Communications and PR agencies
- Crane providers
- Inspection services
- Helicopters
- Facilities management
- Legal support services
- Maritime specialists
- Offshore environmental survey specialist
- Engineering consultancy
- PPE providers
- Catering providers
- Landscaping
- Blade repair specialists
- Fuel suppliers



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

**Global green energy company and
the leader in offshore wind**

The world's most sustainable
energy company 2022

Global leader in climate
action*

*On the CDP climate change A list



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Grimsby Telegraph

visit our website www.thisisgrimsby.co.uk At the heart of all things local since 1897 Tuesday, February 26, 2013 45p

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BENEFIT CHEAT'S £34K FIDDLE: page 3

TRIBUTES TO SECOND WORLD WAR VETERAN: page 8

Wind firm hopes to establish haven for working vessels

COMPANY HARBOURS A GRAND PLAN FOR ROYAL DOCK

PLANS for a new harbour to serve one of the biggest players in the offshore wind industry have been revealed – and it is located within Grimsby's Royal Dock.

Associated British Ports is behind the multi-million pound development, which is set to support Dong Energy's Westernmost Rough windfarm, in both construction and ongoing operations and maintenance.

The scheme, in the shadow of the Dock Tower, builds on the huge strides already made by the town in the burgeoning sector.

As exclusively revealed by the Telegraph, Dong wants to come to Grimsby, the first port of call for most of the western North Sea developments.

The documents published as part of the early stages of the planning process for what is being referred to as Royal Dock Harbour, Port Of Grimsby, reveal the nature of the ambition for the new port.

The desire is to create 20 to 40 jobs through contracts that have not yet been signed.

The Danish state-owned company

... has approached ABP for help in establishing a safe haven for vessels working on the £200 million scheme off the East Yorkshire coast.

The result is the proposed creation of a small tidal basin in the north east corner of the dock, offering lock-free access to the Humber and beyond.

John Fitzgerald, port director for Grimsby and Immingham said "This is just the start of the application process. Potential designs are being finalised for what is a very exciting project and another major investment in the Port Of Grimsby."

"The procedures are underway, and we are all optimistic. Once again, it puts the spotlight on Port Of Grimsby as the UK centre for offshore operations and maintenance, which includes Port Of Grimsby East as well as the commercial docks."

"We are, of course, here Grimsby, E-on and BSC, and hopefully we will have one of the biggest names in offshore wind."

The works, estimated to take eight

Continued on page 4

YOUNG STARS

8 pages showcasing youngster's sporting talents

INSIDE



WANTED

Gold, Silver & Diamonds
Any condition


Highest prices paid • Instant cash given
Excellent prices paid for part exchange
Open Sundays

Segal's Jewellers

Est 1919
Freshney Place, Grimsby

LOOKING FOR A SPECIAL MOTHER'S DAY GIFT?

NEW Lovelinks
BY ORSTED
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2014 Site set up portacabins - Workforce of ~20 and 1 offshore wind farm





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3.3 million

UK homes powered



3.8GW

Green power



590

Offshore wind turbines



600+

Workforce based out of the
East Coast Hub

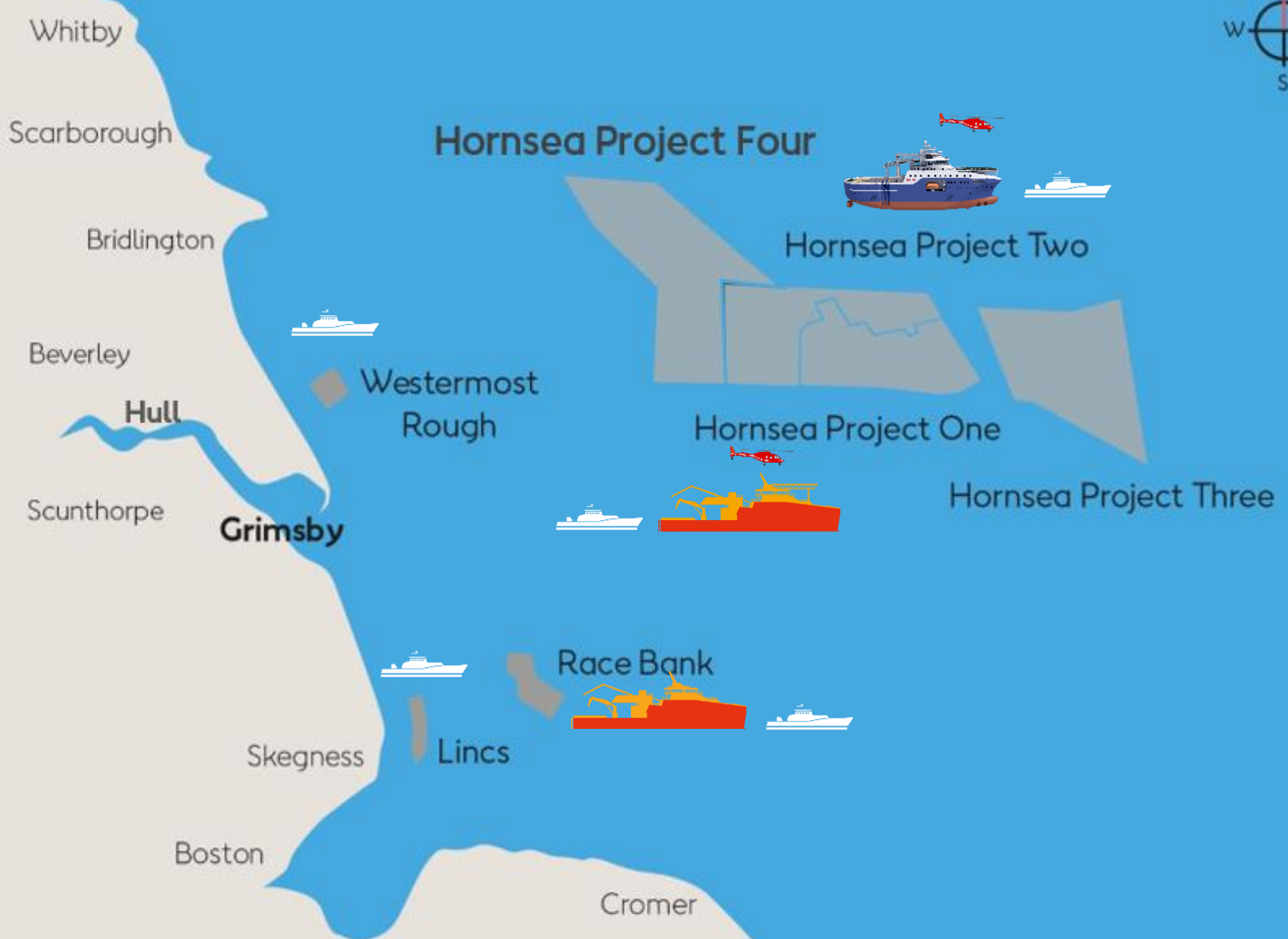
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Ørsted projects – Humber



	Operational	In construction	Development
Name	Installed Capacity (MW)	No. of Turbines	Approx. No. of Homes
Westernmost Rough	210	35	150,000
Lincs	270	75	240,000
Race Bank	573	91	400,000
Gunfleet Sands	170	50	150,000
Hornsea 1	1218	174	↑1 million
Hornsea 2	1386	165	↑ 1.3 million
Hornsea 3	2850	Up to 231	↑ 3 million
Hornsea 4	?	Up to 180	↑ 1.3 million





How long does it
take to build a
turbine?

Less than 24 hours!



Recruiting
differently

Attitude
Behaviours
Teamwork
Enthusiasm
Positivity
Passion



Leadership

Practical / hands on

Offshore

Entry level

Safety

Engineering

What job can I do?

Logistics

Shifts

Onshore

Business functions

Specialist

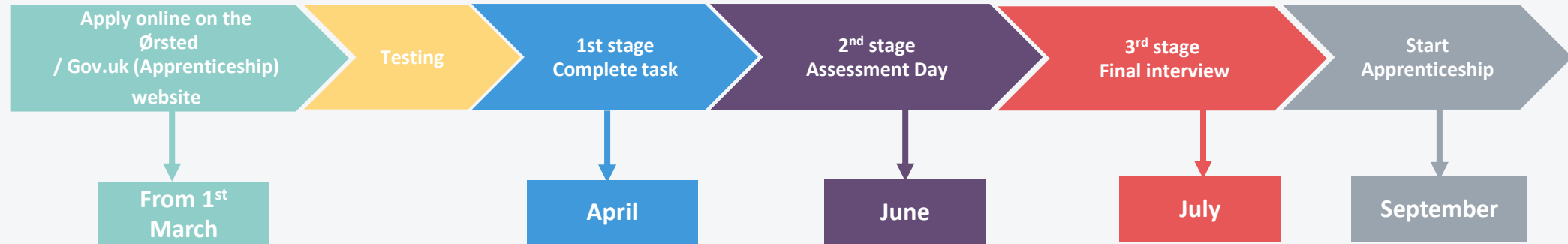
Nature and Environment

Apprenticeship programme

Year 1	Year 2	Year 3 / 4
<p>Based at Grimsby Institute or Furness College full time (40% Classroom / 60% Practical)</p> <p>Barrow - Maintenance and Operations Engineering Technician (MOET) including Level 3 Diploma in Advanced Manufacturing Engineering</p> <p>Grimsby - MOET including BTEC Level 3 Extended Diploma in Electrical Engineering</p> <p>Subjects covered: Engineering principles, technical drawing, lubrication, renewables, maths, workshop, electrical principles and more</p>	<p>Shifts (1 week on, 1 week off) at our East Coast Hub facilities where we construct, operate and maintain our wind farm sites.</p>	<p>Perform work inside an offshore wind turbine and on our onshore and offshore substations</p> <p>Tasks will include troubleshooting and repairing electrical and mechanical components</p> <p>Grimsby Institute assessor visits</p>
<p> £15,700</p>	<p> £22,000 + Offshore Allowance</p>	<p> £24,000 + Offshore Allowance</p>

Average Salary for a qualified Wind Farm Technician - £38,000 - £45,000

Application Process



FAQs

Where can I get more information?

We update our website with the latest information orsted.co.uk/en/Careers/Graduates-and-Apprenticeships/Apprenticeships

What happens in the 'Testing' phase?

A standard Numeracy and Literacy test

How many applications do you receive?

Our Apprenticeship programme is very popular and we receive over 500 applications per year.

How many Apprentices do you take on each year?

Each year varies for a number of reasons. The minimum we have taken on is 4 (in our first year, 2017) but last year we took on 11.

Routes

Apprenticeships

- RWE
- Orsted
- Siemens Gamesa
- Rix Renewables
- Boston Energy
- HETA
- CATCH

Cadetships

- Engineering
- Navigation
- Deck

Degree courses

- University of Hull



Q&A

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Q & A



Driving growth of the Hull and East Yorkshire economy for the benefit of our communities

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Networking and Close