

OFFSHORE WIND

Contributing towards 49,000
renewables jobs and turnover of
£11 billion in the Scottish Economy.





Beatrice.

OFFSHORE WIND

SUPPORTING THE GROWTH OF OFFSHORE WIND ENERGY

OVERVIEW

Highlands and Islands Enterprise (HIE), the Scottish Government's economic and community development agency for the north and west of Scotland, is committed to supporting and encouraging the growth of the renewable energy sector.

At HIE, we recognise that offshore renewables offer Scotland an opportunity for significant economic growth, and in particular to see some of our more remote and fragile communities reinvigorated.

Scotland is home to around 25 per cent of the whole European offshore wind resource and Eastern Scotland, where much of the development is planned, is one of the windiest parts of the UK, according to Met Office data.

The Scottish Government has set ambitious and challenging targets to deliver 50% of Scotland's heat, transport and electricity to be delivered by renewables by 2030.

Offshore wind has an important part to play in helping us realise these ambitions. Exciting projects are planned for the waters around Scotland and the Highlands and Islands is well-placed to assist in the delivery of a dynamic offshore wind sector.

PROGRESS IN THE SECTOR

Beatrice is progressing at pace, making excellent advances in offshore construction and towards first electricity generation; Statoil's Hywind floating wind farm, the world's first floating wind farm, is exceeding all expectations in terms of performance and Moray East achieved an incredible strike

price in September 2017 and is aiming to install the largest offshore turbines to date of our coastline. Through Beatrice and Moray East, the Highlands and Islands region could host the largest deep-water cluster of fixed bottom offshore wind in the world.

Scotland is building on its vast expertise in offshore developments to easily transfer skills and knowledge from oil and gas energy markets to renewable generation with the ability to flex between the two, so these energy markets can exist in parallel.

New opportunities for offshore wind, fixed and floating, continue to be a priority through work being done on future leasing rounds and future potential development sites by Crown Estate Scotland and Marine Scotland.

Floating wind is recognised as playing a key role in stimulating industrial scale offshore wind in deeper waters and the Highlands and Islands continue to offer the perfect conditions for the deployment of floating wind, including a strong supply chain and infrastructure to support this technology.

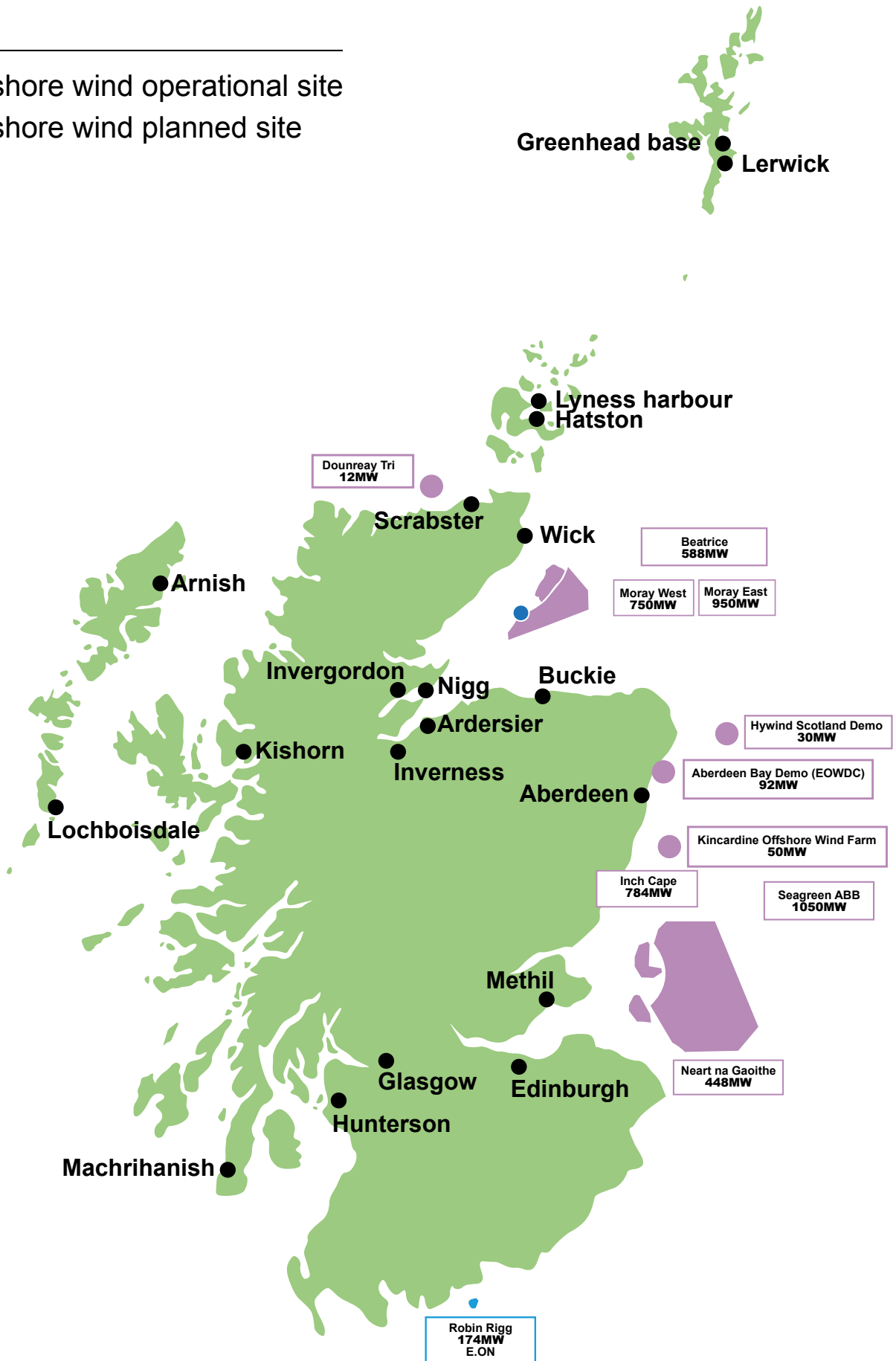
Scottish ports and harbours have invested over the past decade to be best placed to service the offshore energy industry and the benefits of these investments are now coming to fruition, with our ports continuing to look forward and grow with the expanding market.

The opportunities for the Scottish supply chain are significant and we are already delivering on many contracts.

OFFSHORE WIND ACTIVITY - SCOTTISH WATERS

Key

- Offshore wind operational site
- Offshore wind planned site





Nigg Energy Park



Inverlussa



CS Wind UK, Machrihanish

SUPPLY CHAIN

The region supports a strong and expanding supply chain, thanks to its long history of oil and gas exploration and recovery. The Highlands and Islands has seen an increasing number of businesses diversifying to service the growing renewable energy sector, alongside some significant inward investments. Key companies active in the offshore wind sector include Global Energy Group at Nigg, Weldex in Inverness, the UK's largest crawler crane hire company, BiFab at Arnish on the Isle of Lewis and CS Wind UK at Machrihanish.

It is true to say that the region can offer an end-to-end supply chain of companies active in development, demonstration, installation, operation and maintenance of renewable energy technologies from concept through to full scale commercial deployment.

The formation of the Scottish Offshore Wind Supply Chain forum clearly demonstrates the supply chain recognise the significant opportunities from offshore wind and also displays an industry driven, pro-active approach to supply chain development. For more information on the Scottish Offshore Wind Supply Chain Forum, please visit

offshorewindscotland.org.uk

INVERLUSSA MARINE SERVICES CASE STUDY

Inverlussa Marine Services is a provider of modern work vessels, servicing contracts throughout the UK and Europe. Inverlussa identified opportunities in the offshore wind market and has reacted to those market opportunities.

Through attending networking and Meet the Buyer events, along with focussed research and resource and an overall ambition to enter the offshore market, the company have now secured a contract with Dong Energy for their Race Bank project through Mainprize Offshore. The vessel will be carrying out guard/cargo/dive and general support throughout the construction project.

Inverlussa has more than doubled its work force over the past 2 years and has increased the marine services fleet to 9 vessels. Their services include supply/support duties; dive support; survey; stand by; mattress laying; general towing; anchor handling and non-standard cargo transport.

The family-run company plans to continue to grow within the renewable energy sectors.

inverlussa.com

SUPPORT AVAILABLE FROM HIE

HIE can support businesses active, or with an ambition to become active in the sector. Through our account management process, businesses can be supported to deliver their growth aspirations using a number of support tools including provision of advice, market information and financial assistance.

The offshore wind expert support programme is available to companies across Scotland looking to move into the offshore wind sector, but are unsure where best their skills and assets can be utilised. The programme provides an initial two days of free consultancy with a further 4 days available to companies to help them consider how best to move into this market.

Raising productivity levels through investment, innovation, inclusive growth and internationalisation, is key to our efforts to support business growth and sectoral development.

Highlands and Islands Enterprise is committed to the supply chain and continues to work with companies who have ambition to grow and utilise latest innovations and efficiencies to secure and deliver quality offshore wind contracts.

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Highlands and Islands Enterprise
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