



MUIR MHÒR

OFFSHORE WIND FARM

A joint venture between Fred. Olsen Seawind & Vattenfall

Agenda

- Team Introduction
- Project Update
- Skills Development Update
- Supply Chain & Procurement Update and
Lookahead
- FLidar Challenges & Lessons Learned
- Onshore Engineering Update, Challenges
& Lessons Learned
- Q&A

Meet the Team



Corrinne Gallagher
Stakeholder & Communications Manager



Stephen Kennedy
Procurement & Commercial Manager



Gillies Munro
Deputy Technical Interface Manager



Ownership

Fred. Olsen Seawind Limited and Vattenfall are 50/50 joint venture partners for Muir Mhòr Offshore Wind Farm

Project Location

~65km from the Aberdeenshire coast, covering an area of ~200km²

Water Depth

Average depth of 72 metres

Capacity

Up to 1GW

Technology

Floating

Homes Powered Equivalent

Up to 1,200,000 homes per year

Planning and Development

Indicative Timeline

Scotwind awards Muir Mhòr Option Agreement
January 2022

Submission of Offshore and Onshore Scoping Reports
June 2023

Scottish Ministers Adopt Scoping Opinion
September 2023

Offshore Environmental Surveys Complete
2023

Public Consultation Events
2023 & 2024

Submission of Offshore and Onshore applications
2024

Project Consent Granted
2025

Construction Begins
Late 2020s

Power Grid Connection and First Generation
Early 2030s

Full Commercial Operational

Community Engagement

We have a track record of working with local communities to build community capacity and make available opportunities for local people and communities.

Muir Mhòr Offshore Wind Farm will deliver community benefits to the local area. The community benefit fund will be developed in close collaboration with local people, and will be bespoke to the priorities of the local community.

We are fully focused on delivering a project underpinned by the local supply chain, while undertaking proper procurement processes that are transparent and fair. The Muir Mhòr team is committed to working with local suppliers to build their capacity to support us.

Transparency is central to our approach, we will take time to analyse the supply chain, explore local opportunities and actively investigate what is feasible in Scotland.

We are focused on delivering substantial supply chain opportunities, environmental and socio-economic benefits in Scotland.

Our project will deliver a multi-million pound boost to the local, regional and national economy.

We are committed to raising the skillset of the Scottish offshore wind workforce at all levels and from the earliest school years.



UHI Future Leaders Fund Contribution

The Future Leaders' Fund is UHI's largest ever scholarship bursary fund and aims to retain high-achieving and talented engineering students in the Highlands and Islands – helping to build pathways for students from their academic studies into future work opportunities.



SurfABLE Sponsorship

Over £5,000 of operational equipment provided to the charity which has provided a beach wheelchair, junior and adult buoyancy aids and lifejackets and beach safety flags, which will be used during SurfABLE's regular teaching sessions across the north-east coast of Scotland.



Mintlaw Academy STEM Programme

Project consenting team members are collaborating with Mintlaw Academy in Aberdeenshire to provide practical activities for students enrolled in the Girls in Energy course. This initiative aims to offer young women real-world exposure to the energy industry.



Offshore Wind 4 Kids Partnership

Summer 2023 we hosted two demonstration days in partnership with OW4Kids at Aberdeen Bay and Portobello Beach. The initiative involves people of all ages to participate in installing their very own offshore wind turbines.



University of Strathclyde MSc Student Sponsorship

A three-year, £30,000 partnership with the University of Strathclyde has been recently agreed to support six postgraduate students aspiring to careers in offshore wind.



A joint venture between Fred. Olsen Seawind & Vattenfall



Our Supply Chain

ScotWind represents a major investment in Scotland's green energy future. The Muir Mhòr project is committed to a collaborative, transparent and innovative approach towards the development of a world-class Scottish supply chain, and cultivating future industry leaders.

WORK WITH US

We are committed to an open, transparent and inclusive approach and are in the process of establishing our supplier registration process and a series of supplier events.

We are eager to hear from those active in the supply chain as well as those wishing to explore how they can participate. You can register your interest by clicking the button below.

REGISTER YOUR INTEREST HERE

Supplier Registration Portal

In September 2023 we launched our projects Supplier Registration Portal.

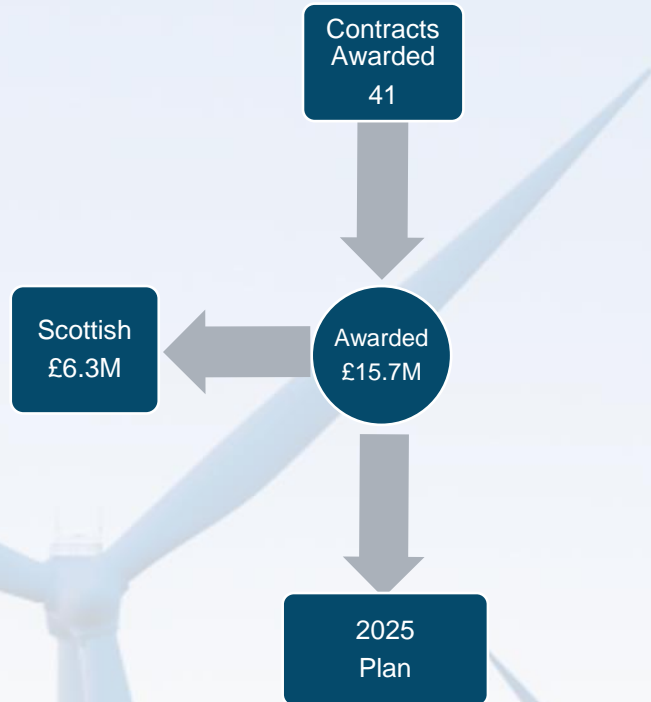
We are inviting industry suppliers to register with us and be a part of our project.

We are committed to a transparent and inclusive approach. In alignment with our projects Procurement Strategy, we will exhaust every opportunity to source local suppliers.

Our Supplier Registration Portal allows us to bridge the gap between industry developers and suppliers.

 www.muirmhor.co.uk/our-supply-chain/

Procurement Update



Category	Details
Annual Contracting Plan	+15 Contracts to be awarded / extended
Contracting Approach	<ul style="list-style-type: none"> • Pre-Qualification Process • Standard Conditions of Contract • Framework Agreements
Confidentiality Agreements (NDA Register)	+90 NDA's in Place
Supply Chain Portal	+150 Suppliers Registered

Challenges

Supply Chain



- Development of the optimum contracting strategy for each package
- Timeline for Commencement of Procurement processes
- Socialisation of the Project and ensure supplier “Buy In”
- Timeline for securing Key Suppliers
- Supply Chain Engagement

Local Content



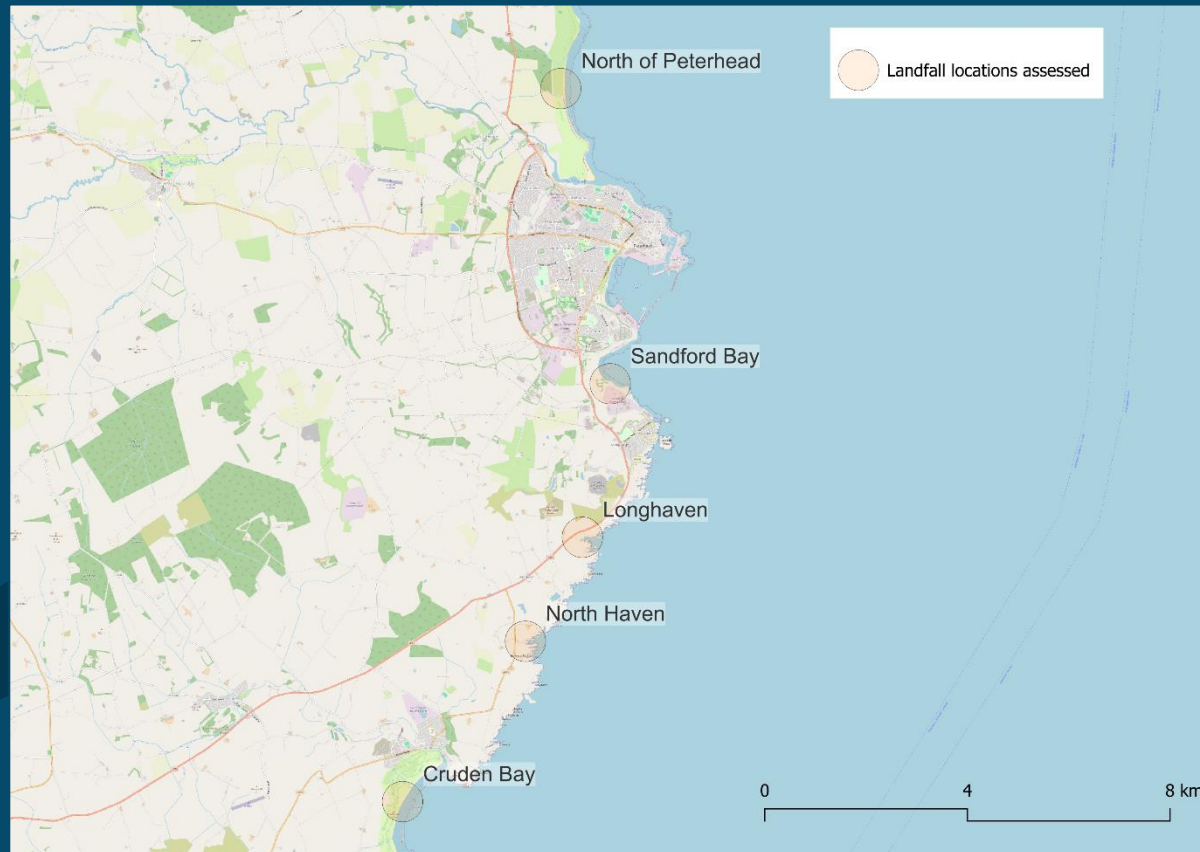
- Achieving Supply Chain Development Commitments
- Considering Clean Industry Bonus Scheme
- Supply Chain Engagement

Onshore Optioneering



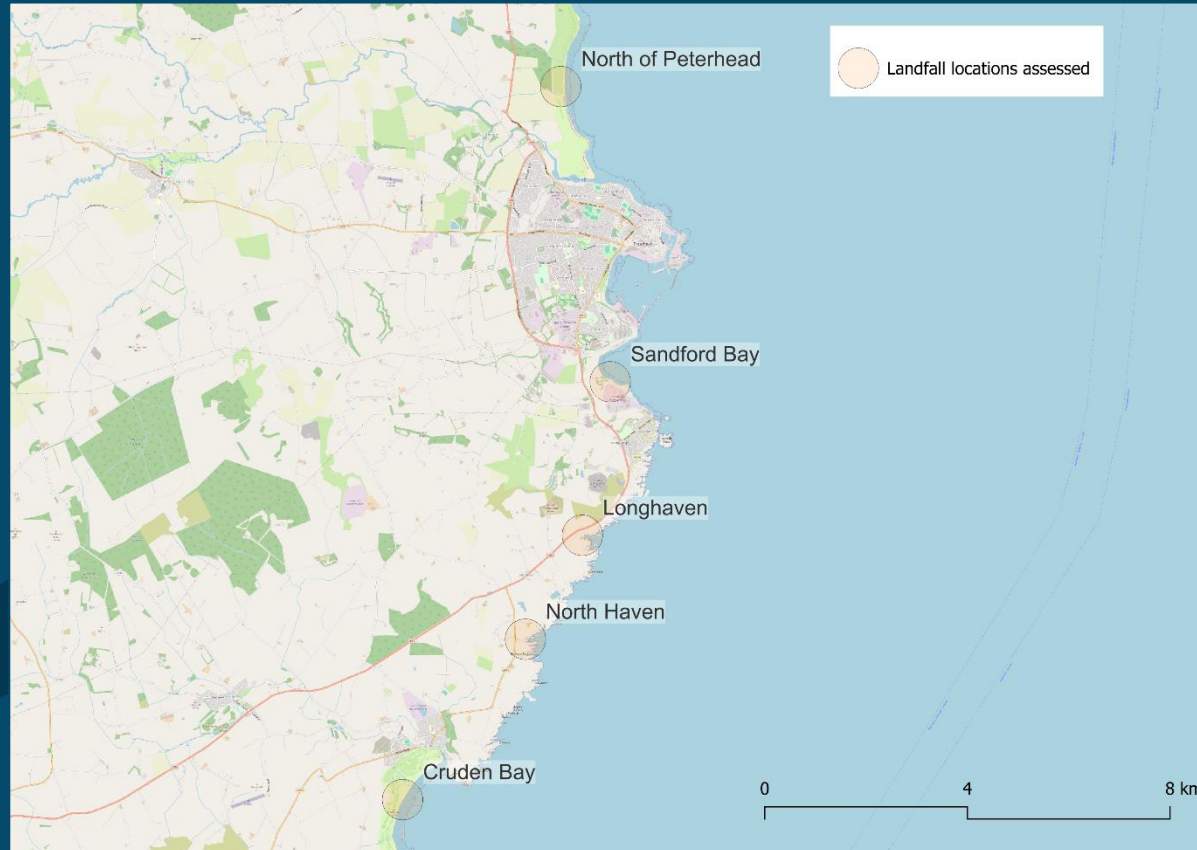
1. The Project investigated potential onshore grid point of connections (PoC) on the East Coast of Scotland

Onshore Optioneering



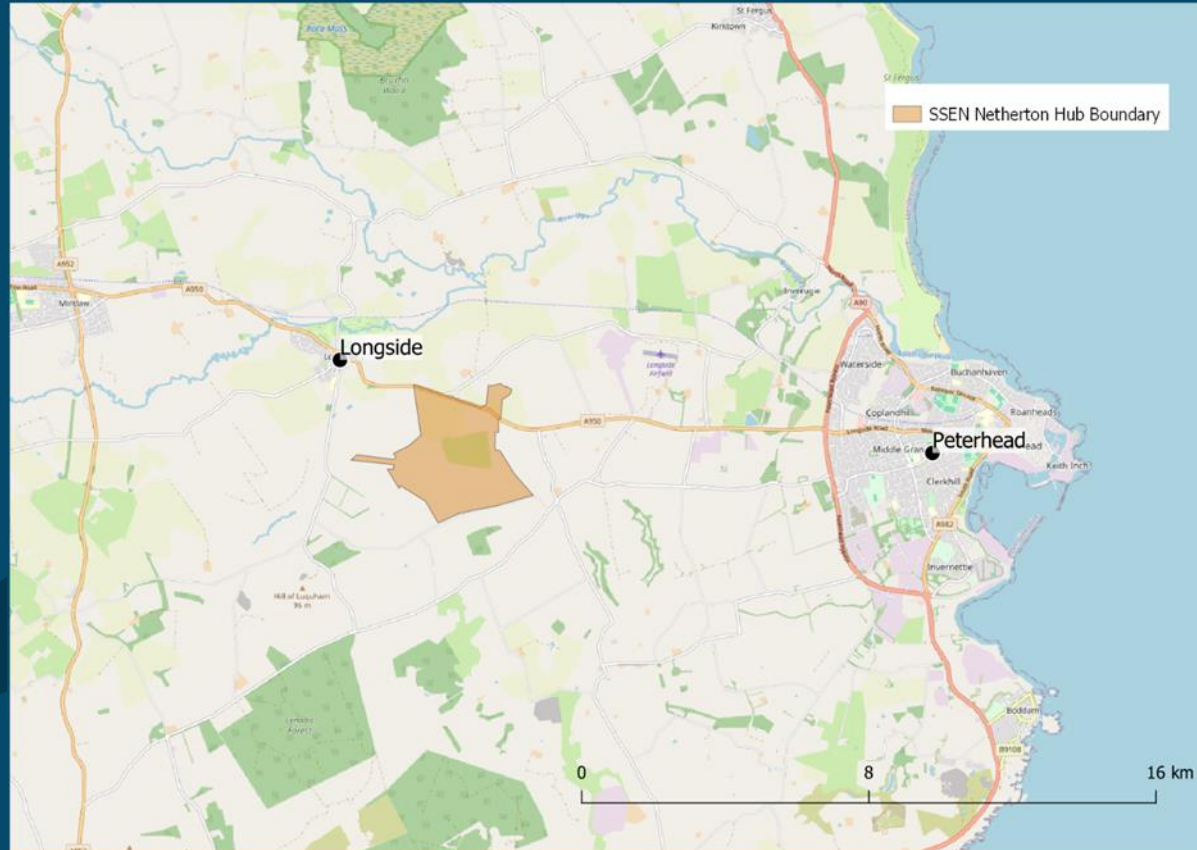
1. The Project investigated potential onshore grid point of connections (PoC) on the East Coast of Scotland
2. Peterhead area quickly became the most likely PoC

Onshore Optioneering



1. The Project investigated potential onshore grid point of connections (PoC) on the East Coast of Scotland
2. Peterhead area quickly became the most likely PoC
3. Potential Landfall options were considered in the proximity of Peterhead

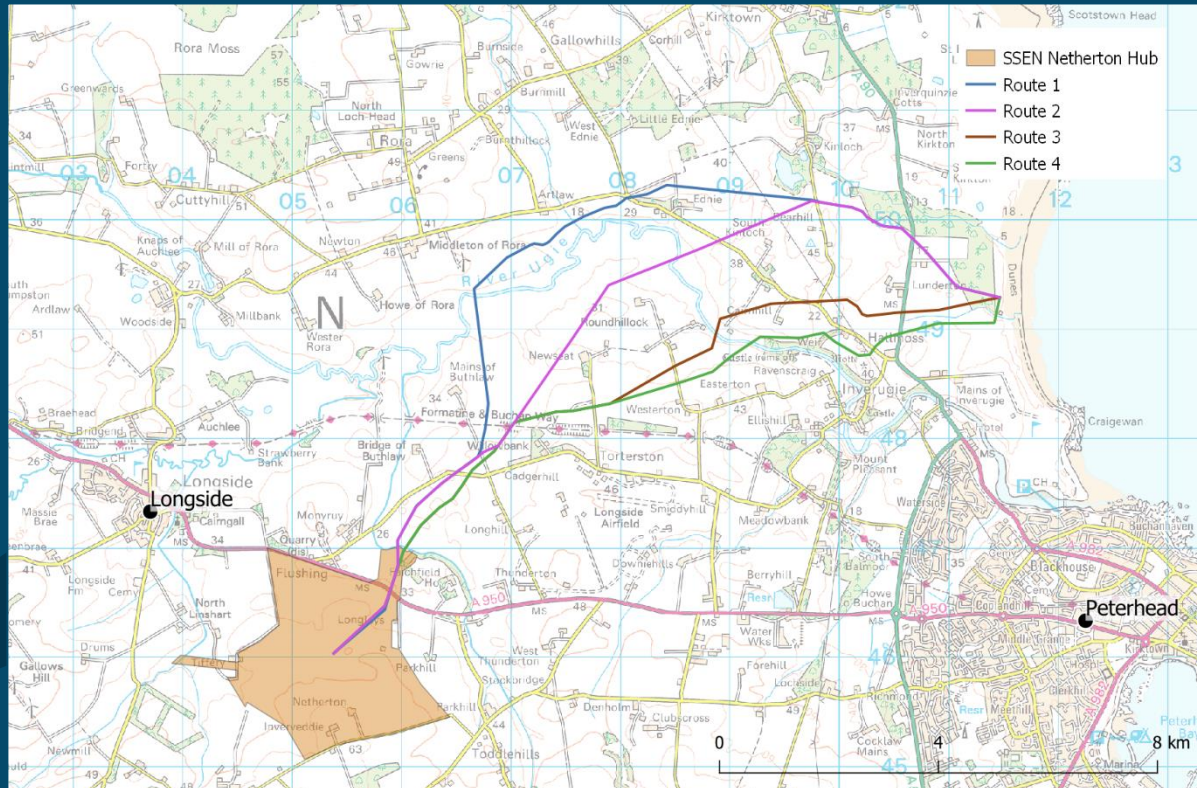
Onshore Optioneering



1. The Project investigated potential onshore grid point of connections (PoC) on the East Coast of Scotland
2. Peterhead area quickly became the most likely PoC
3. Potential Landfall options were considered in the proximity of Peterhead
4. Plans for Netherton Hub were announced

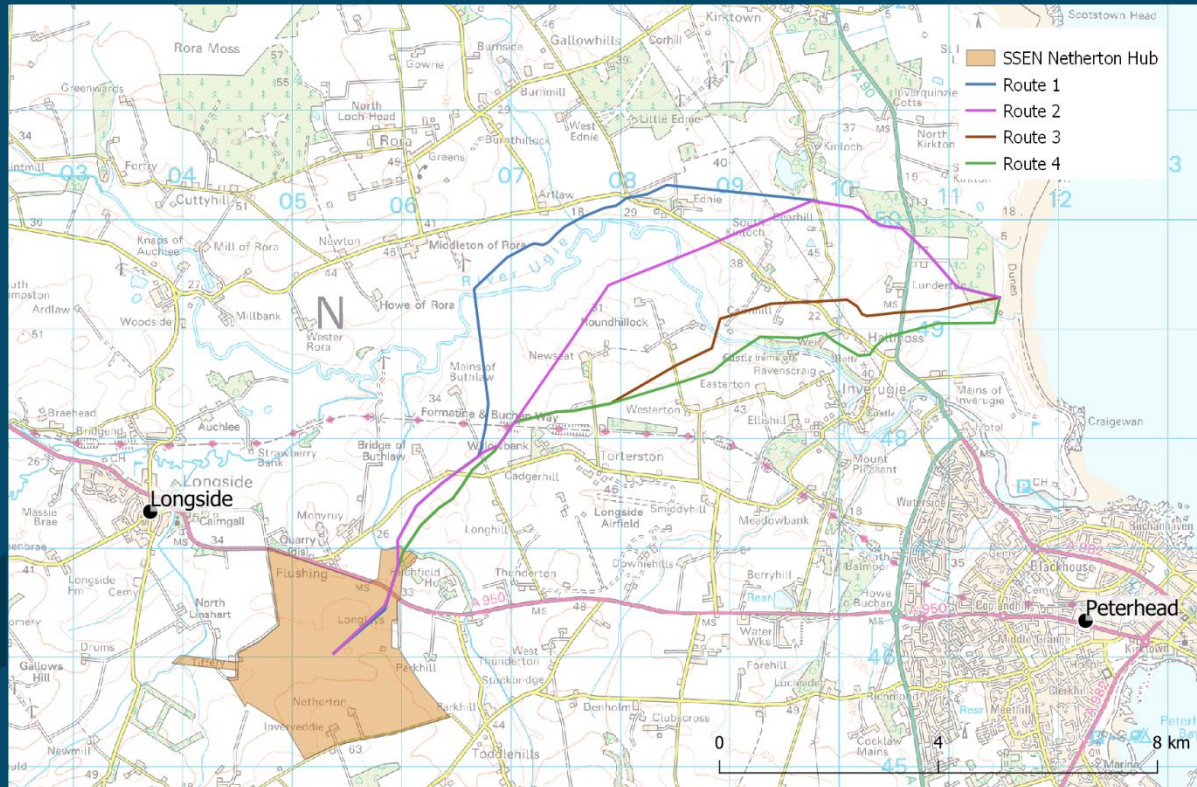


Onshore Optioneering



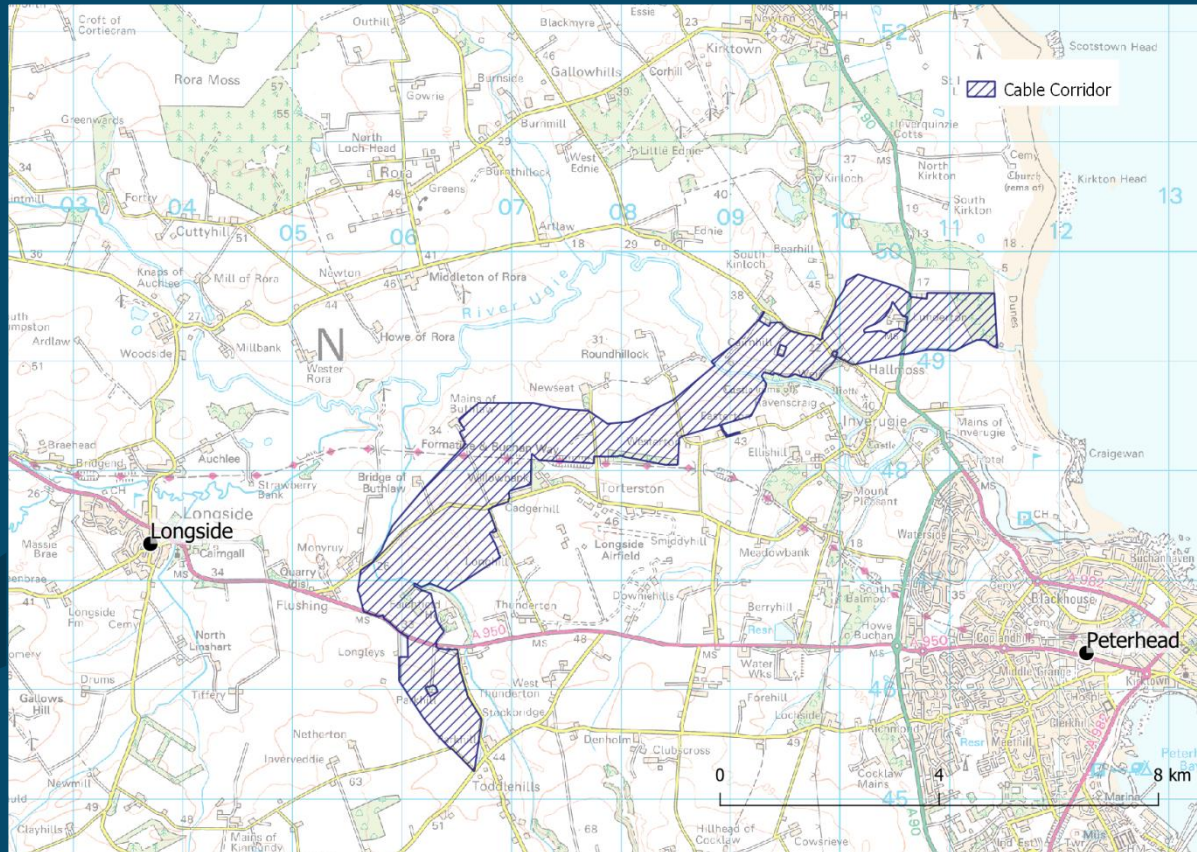
1. The Project investigated potential onshore grid point of connections (PoC) on the East Coast of Scotland
2. Peterhead area quickly became the most likely PoC
3. Potential Landfall options were considered in the proximity of Peterhead
4. Plans for Netherton Hub were announced
5. The Project ran a desktop exercise using Contium Optioneer Tool

Onshore Optioneering



1. The Project investigated potential onshore grid point of connections (PoC) on the East Coast of Scotland
2. Peterhead area quickly became the most likely PoC
3. Potential Landfall options were considered in the proximity of Peterhead
4. Plans for Netherton Hub were announced
5. The Project ran a desktop exercise using Contium Optioneer Tool
6. Further environmental surveys, civil engineering studies, site walkovers were undertaken

Onshore Optioneering



1. The Project investigated potential onshore grid point of connections (PoC) on the East Coast of Scotland
2. Peterhead area quickly became the most likely PoC
3. Potential Landfall options were considered in the proximity of Peterhead
4. Plans for Nethererton Hub were announced
5. The Project ran a desktop exercise using Contium Optioneer Tool
6. Further environmental surveys, civil engineering studies, site walkovers were undertaken
7. FINAL CABLE CORRIDOR for Planning Permission in Principle identified



MUIR MHÒR
OFFSHORE WIND FARM

Get in
touch



supplychain@muirmhor.co.uk



muirmhor.co.uk



Muir Mhòr Offshore Wind Farm Limited