



Driving growth of offshore wind energy on the East Coast of Scotland

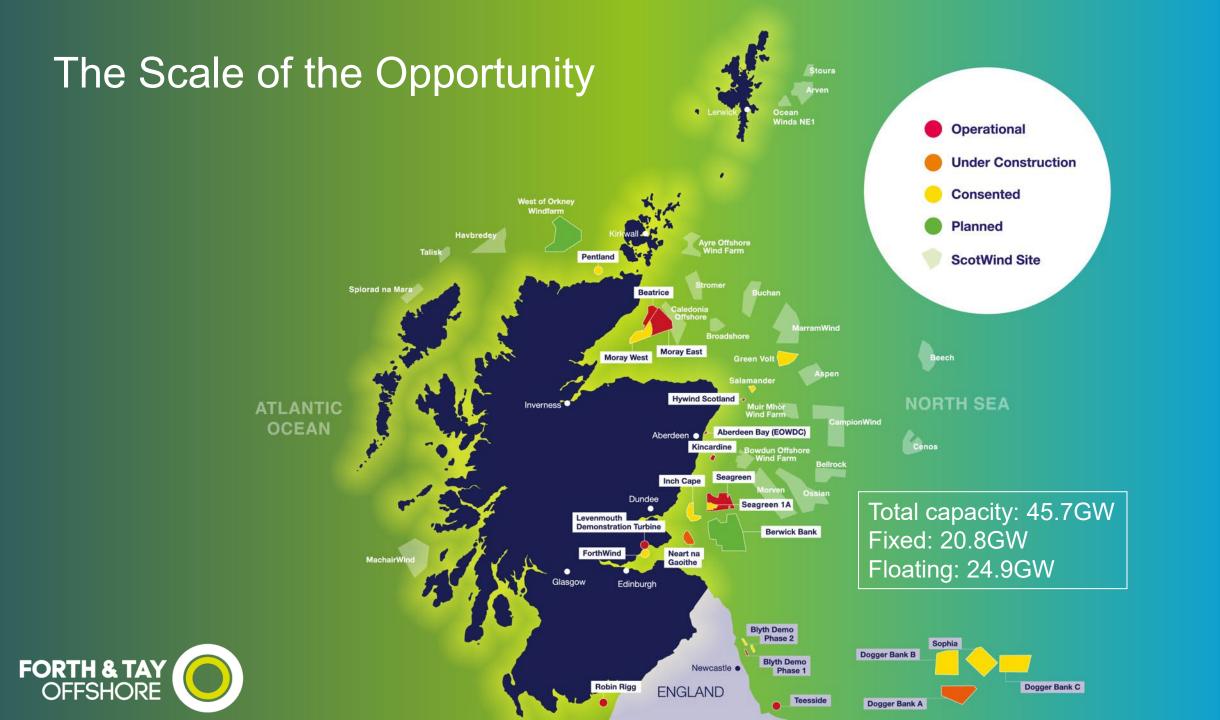






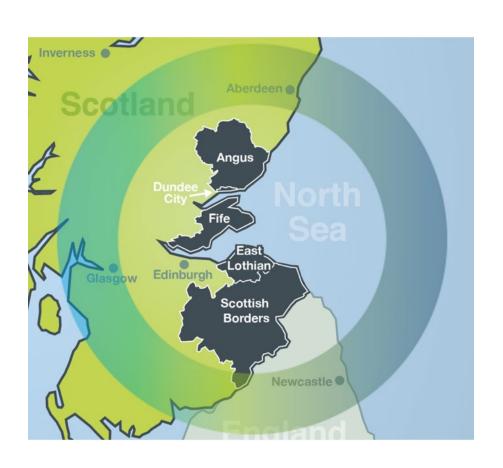






Forth & Tay Offshore





- Driving growth of offshore energy on the east coast of Scotland
- Build upon well-established strengths by developing the supply chain and workforce
- 2030 vision: become home to a thriving, comprehensive, internationally competitive offshore energy supply chain serving local, national and international projects

Forth & Tay Region Scale



Operational

Consented

Under construction

With Seabed Lease ScotWind 1 fixed

ScotWind 1 floating

More than 18GW at various stages of development

Current: 8 operational

2 under construction

5 in development

Upcoming: 4 ScotWind projects

4 INTOG projects

= 23 offshore wind farms

Focused, but not limited

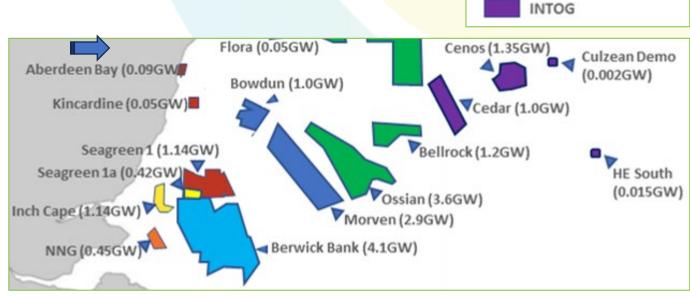


Image credit: Highlands and Islands Enterprise

The strength of the region

- 8 Ports
- Universities and innovation centres
 - Energy Park Fife
 - ORE Catapult's Levenmouth Demonstration Turbine
 - Michelin Scotland Innovation Parc
 - Arrol Gibb Innovation Campus
- History rich in Oil and Gas expertise





Forth Green Freeport

- Create Scotland's largest offshore wind marshalling and manufacturing hub
- Attract significant inward investment, to build international trade and export capability, and to create high quality and wellpaid jobs
- Fuel development across target growth areas – sustainable fuels, renewable energy, advanced manufacturing and modern logistics
- Re-industrialise Scotland's Central Belt

Forth & Tay composition



Steering Group Members







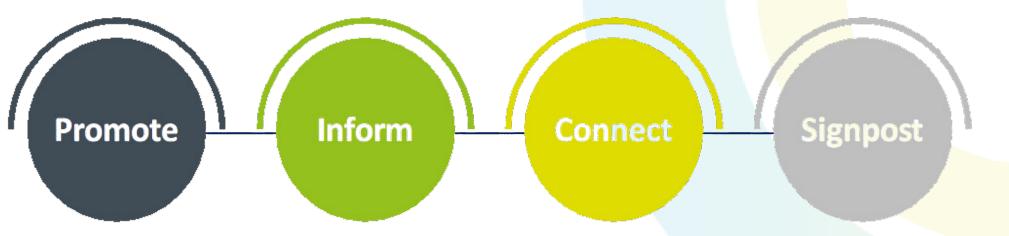


Cluster members

- SMEs
- Developers/Tier 1 contractors
- Universities
- Existing supply chain
- + more!

Role of Forth & Tay





- To promote local businesses and the wider capabilities and assets of the region with the ambition of building a significant regional presence in global renewable supply chains.
- To inform cluster members about supply chain opportunities and market entry requirements and supply chain opportunities in offshore wind in the Forth and Tay region, and further afield
- To connect cluster members with the Developers, Tier Ones, Ports and their respective supply chains.
- To signpost cluster members to support resources including innovation bodies (e.g. ORE Catapult, OWGP, Innovate UK), economic development agencies, academia, and collaborative business partners etc

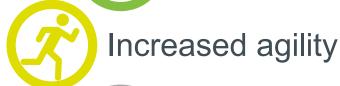
Opportunities: Local content focus



Local Content:











Good news

- Scotwind Supply Chain Development Statement (SCDS) Outlooks
- Products, materials and labour
- Across full lifecycle
- £24.9BN for Scotland 17 projects
- Monitored and judged before construction - consequences

What's next?



Become a member and engage with us!

https://www.forthandtayoffshore.co.uk/suppliers-survey/

- Local content matters help local communities prosper
- Join us in partnership build your supply chain

https://www.forthandtayoffshore.co.uk/members-survey/

We'd love to hear from you! mail@forthandtayoffshore.co.uk















Place Based Impact Accelerator Account programme

An introduction



EPSRC Place Based Impact Accelerator Account

Accelerating Offshore Wind Innovation in the Forth and Tay Region

Lead Civic Partner:









Named Partners at Application:







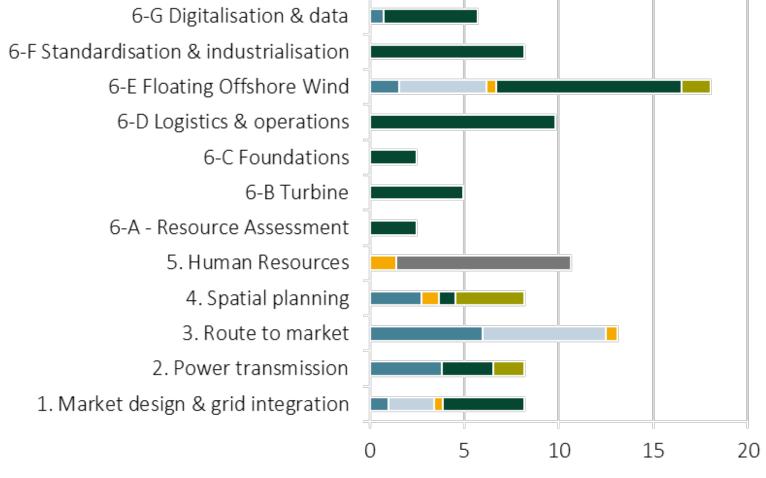






Length: 4 years **Funding:** £2.5m

What did we do before we applied?



Percentage occurence of challenge selection [%]

■ Governance ■ Economical ■ Social ■ Technological ■ Environmental ■ Skills













Vision and Objectives

Our vision is to incorporate university research strengths in offshore wind into the Forth and Tay region to address challenges in the areas of design and manufacture of fixed and floating wind systems, the development of a workforce and the delivery of large offshore energy infrastructure projects.

Objectives:

- O1. Understand and encourage the culture of innovation and research engagement.
- O2. Deliver multi-party projects which address common challenges.
- O3. Deliver Flexible Funding projects that respond to the developing needs of member organisations.
- O4. Deliver training to support innovation.
- O5. Exchange understanding with publics.
- O6. Maximise access to research and innovation facilities.
- O7. Facilitate two-way secondments between FTO members and universities.



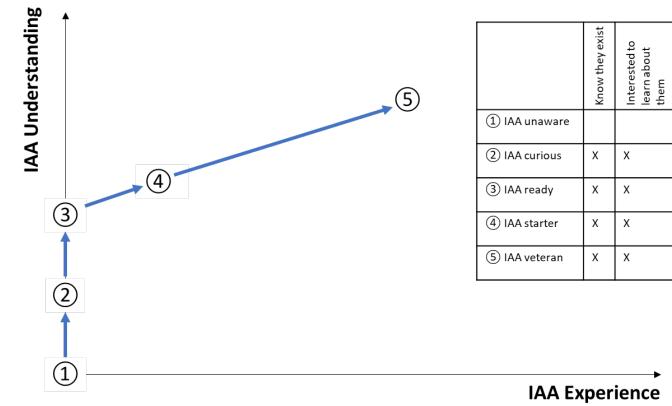








Impact collaboration journey













Χ

Know how they work

Do them habitually

Χ

Focus Area 1

Enabling improved **platform design**, manufacturing, assembly and installation





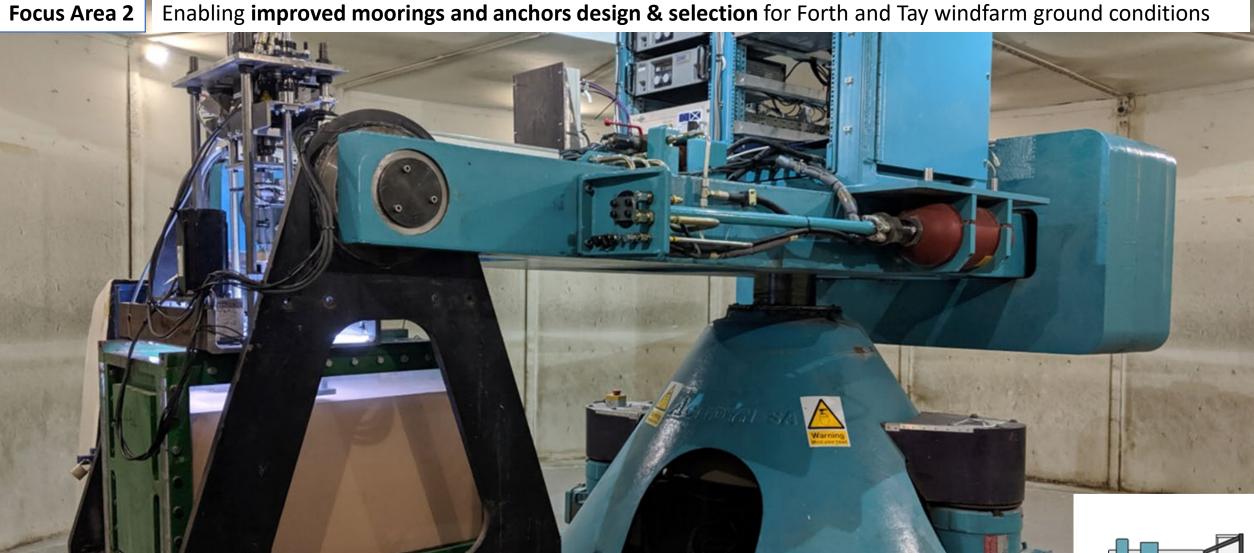








Focus Area 2















Contracts for Difference for Low Carbon Electricity Generation

Consultation on Introducing a CfD Sustainable Industry Reward

Focus Area 3

Enabling more sustainable deployment of offshore wind from social, economic and environmental impact perspective through addressing **non-price factors** in the Forth and Tay region

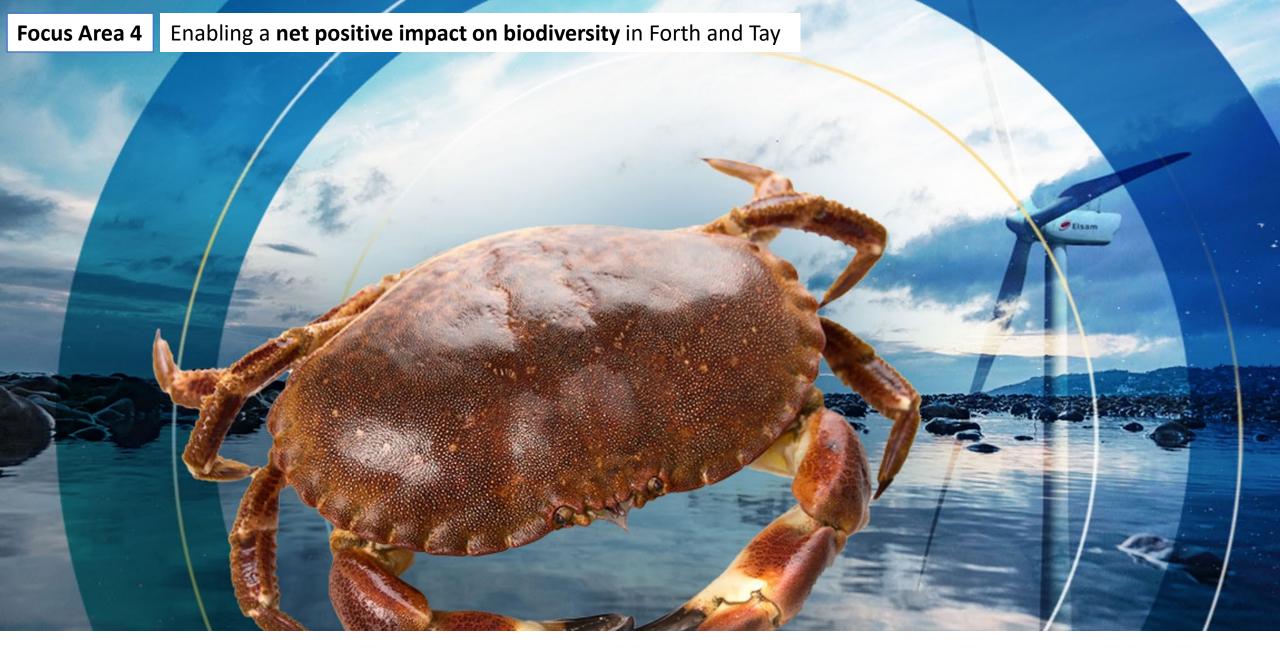
























Focus Area 5

Enabling and improving **logistics** in the Forth and Tay













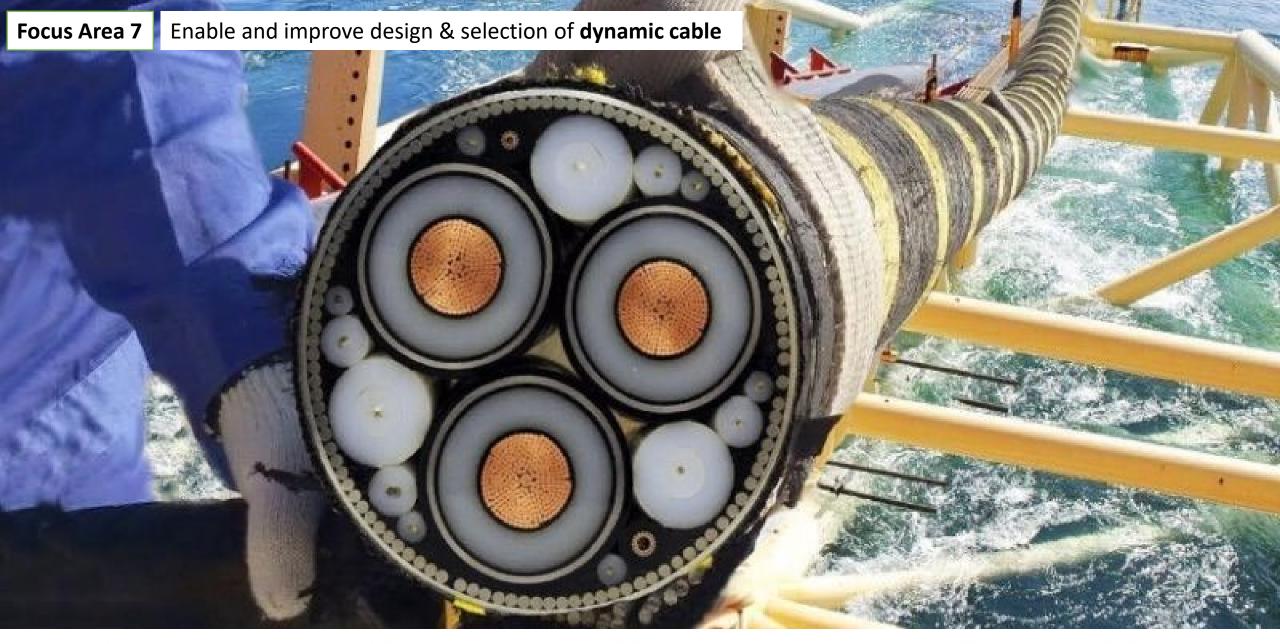


































Focus Area 9 Developing platforms to enable larger-scale production in different markets













How can you get involved?













How can you get involved?

- Interested in having conversations with your organisations:
 - Which areas would your organisations be interested in?
 - Which member organisations in your network would be interested?
 - How can this EPSRC resource be leveraged by other funds?
- Contact us on: pbiaa-offshore@ed.ac.uk
 - Suggestions, opportunities, challenges and contacts
 - Interest in a focus area
- Look out for events later on in the year
 - Challenge and Networking Day
 - Details will be announced via Forth and Tay Offshore Wind Cluster









