Gwynt GLAS

A once-in-a-generation opportunity for Wales

Innovative offshore wind supporting investment, jobs and local communities.

Gwynt Glas is a proposed offshore wind project in the Celtic Sea, bringing together global expertise to develop a pioneering renewable energy project.

With the potential to generate up to 1.5 gigawatts of renewable energy, Gwynt Glas represents a once in a generation opportunity to deliver high quality sustainable career opportunities for people in Wales and beyond.

Opportunities of this scale are rare.
The decisions taken now will determine whether Wales captures the long term economic value of offshore wind; driving investment, job creation and new green industries.

Gwynt Glas has the potential to play a central role in supporting Wales and the UK's clean energy ambitions, while helping position Wales as a leader in offshore wind and secure future economic growth.

This document outlines the transformative potential of Gwynt Glas, what it could mean for Wales, and how we will work in partnership with communities, businesses and stakeholders to maximise long term value.

- Up to 1.5 gigawatts of renewable energy
- Powering, on average, the equivalent of up to 1.6 million* UK homes
- Helping position Wales at the forefront of next-generation offshore wind
- The Crown Estate estimates that offshore wind in the Celtic Sea could support 5,300 jobs

*Based on 3,954 kWh

"A once-in-a-generation opportunity to shape the future of energy in Wales and drive economic growth"

Mark Hazelton
Project Director
Gwynt Glas

Being developed by ESB energy, EDF power solutions, Sumitomo Corporation

Supported by development partner DP ENERGY

Jobs and opportunities for local communities and people

Our focus is to ensure Wales and the South West capture the maximum possible share of this opportunity – creating long term, high quality careers across the region and beyond.

- Up to 5,300 jobs supported by offshore wind in the Celtic Sea
- Apprenticeships and early careers focus
- Opportunities across construction, operations and the wider economy
- Long-term careers, not short-term roles

Stronger local communities

We are committed to ensuring this project delivers lasting, tangible value for communities — supporting long-term opportunity and resilience.

- Partnership with local authorities and organisations
- Supporting local initiatives and priorities
- Consistent community engagement and feedback loop
- Long-term social value focus

Growth for businesses

Projects of this scale are catalysts for a new era of industrial activity in Wales, enabling new green industries powered by abundant clean energy and anchoring long-term economic growth across the region.

- Opportunities across ports, logistics, marine services and supply chains
- Supporting Welsh businesses to access and compete
- Investment into coastal communities and infrastructure
- Wider activity across local services and industries
- Ensuring long term economic value is retained in Wales and the UK

If you are a local business, you can register your interest via our dedicated **portal** on the project website.

Investing in the next generation

Delivering this opportunity requires a skilled, ambitious workforce, making training and education essential to ensuring local communities benefit from long-term careers in floating offshore wind, with active collaboration already underway with Welsh training providers in line with Government priorities.

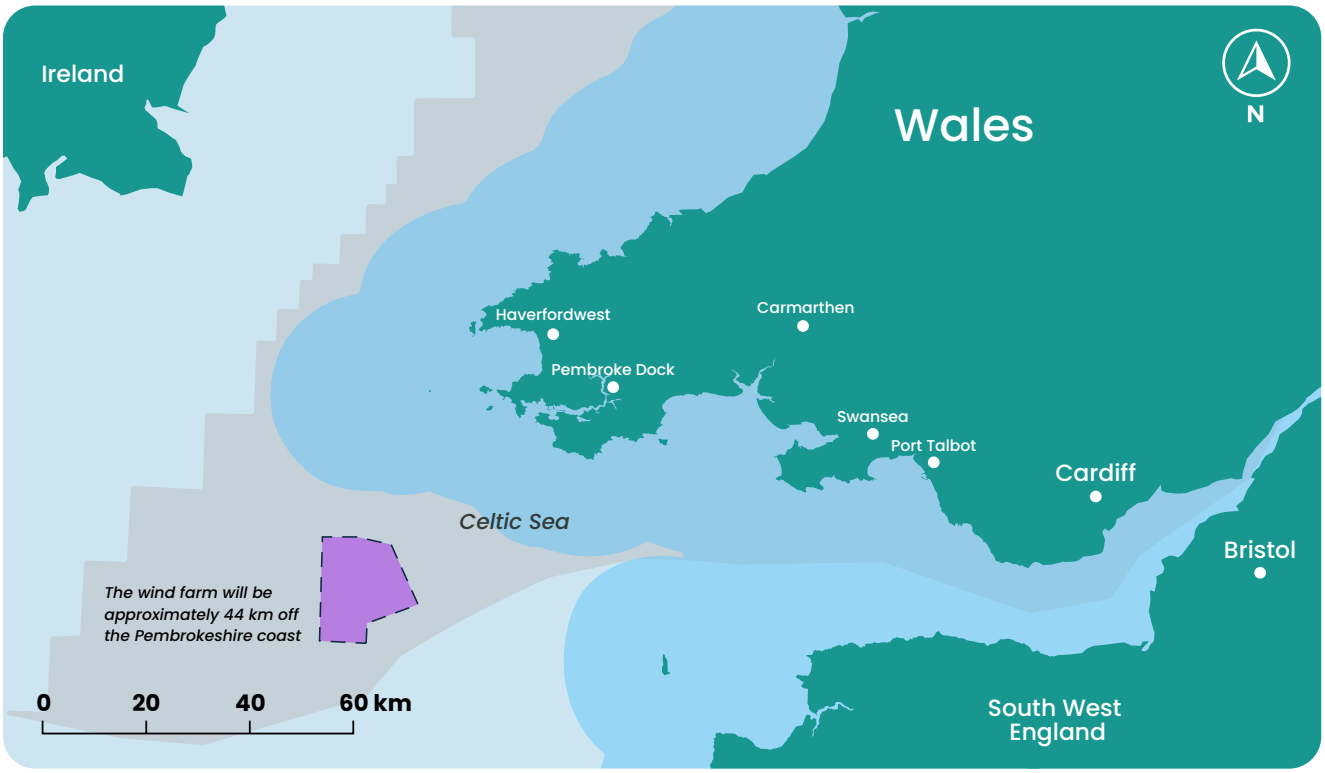
- Partnerships with schools, colleges and training providers
- Providing real-world insight, mentoring and engagement
- Supporting clear pathways into renewable energy careers
- Helping young people access long-term, high-quality careers
- Bridging skills gaps through industry collaboration

Destination Renewables Programme – skills development in action

- Award-winning 2-year programme for 16–18 year olds
- Builds real-world skills and industry knowledge
- Connects students directly with employers
- Includes workshops, site visits and mentoring

Gwynt Glas is a lead partner alongside Pembrokeshire College and industry partners.

The Proposed Gwynt Glas Windfarm



Gwynt Glas Floating Offshore Wind Farm | 12 nautical mile (nm) UK limit | Welsh territorial sea limit

Gwynt Glas Overview

Gwynt Glas is a proposed offshore wind project in the Celtic Sea, that will use innovative offshore wind solutions to generate renewable electricity.

The project will be developed by EDF power solutions, ESB and Sumitomo. The partnership is working closely with DP Energy's Pembrokeshire based team, an exclusive development partner, to benefit from its strong local knowledge, established stakeholder relationships, and ongoing work with educational institutions to support skills development and economic opportunities in Wales.

The windfarm will be located in Welsh waters. Work is ongoing to design other aspects of the project, but it is known that the connection to the national grid will be by means of underground cables. While the project is at an early stage, it is expected it will be generating renewable electricity by the late 2030s.

Get in touch

As our team continues to work on Gwynt Glas, we value your input.

Email us: info@gwyntglas.com

Visit: www.gwyntglas.com

You will find more information about Gwynt Glas on our website, including the background to the project, our joint venture partnership and values, the planning process, industry partners and the supply chain.