

Case Study: Pict



SUPPORT RECEIVED

£ Funding
Development Funding Programme

Business Transformation
OWGP Sprint Programme

BUSINESS PROFILE

- ➔ Offshore access solutions provider based in Scotland
- ➔ Capabilities include mechatronic engineering to support the development and manufacturing of sensor driven offshore lifting.
- ➔ Designs, manufactures and services innovative access, lifting and height safety solutions for offshore wind assets.

Impact of the support

Since we started working with Pict, the company has achieved significant growth:

Created 15 new jobs, expanding technical knowledge within the team

Now exploring the application of the GUS system for floating turbines additional to the original project scope.

Currently testing GUS 1 at the Floating Wind Innovation Centre (FLOWIC)

Overview

Pict Offshore was set up in 2019. Its flagship product is the Get Up Safe (GUS) system, a heave compensated personnel hoist that offers a safe and rapid method for maintenance technicians to access offshore wind turbines. The company secured investment and an order from Orsted to supply the world's largest offshore wind farm, Hornsea 2, creating local manufacturing jobs in Inverkeithing, where the company is based. Pict Offshore has since won three further commercial contracts with two developer organisations.

A closer look...

Pict Offshore sought Development Funding to develop build and test the next generation of their Get up Safe system which would incorporate both technician and equipment transfer/handling capability. The GUS system was originally designed to safely transfer personnel between vessels and offshore platforms. The next generation of the GUS integrates the sensor driven, active heave compensation technology, at the heart of the GUS system, into a new mechanical structure, capable of transferring loads of between 1 and 3 tonnes. This update, called Gx2, combines the functionality of the davit crane into the GUS system, leading to greater efficiency, improved safety on site and further cost reductions for developers.

Offshore Wind Industry Solution

Pict Offshore develops new access, lifting and height safety solutions for the offshore wind sector.

Pict's flagship technology, the Get Up Safe (GUS) System, is a ladderless, heave-compensated hoist, designed for safer personnel transfers between vessels and offshore wind platforms.

Its core capabilities lie in mechatronic engineering to support the development and manufacturing of sensor driven offshore lifting.

Before

Prior to engaging with OWGP, Pict Offshore had already proven the success of their GUS system for personnel transfers between vessels and offshore wind turbine platforms. At that time, they had delivered 165 systems, engaged in commissioning these systems both on and offshore, including service contracts for future maintenance.

Seeking to further develop its existing technology into a single integrated lifting system for use on offshore wind platforms, Pict had begun conducting extensive market research and early development analysis. Their vision was clear and offered several key benefits to the offshore wind sector.

During

After evaluating Pict's Stage 1 and 2 applications, the OWGP determined that their proposed integrated lifting system presented a strong value add case to the offshore wind sector. The thoroughness of Pict's market analysis, product development plan, and strategic vision demonstrated a solid foundation for growth, making them an ideal candidate for further support through the OWGP Development Funding.

As a result of OWGP support, Pict has begun developing the next generation of their GUS system, leveraging OWGP funding to accelerate product innovation, proof of concept and certification.

Supplemental to providing funding through our grant programmes, OWGP supported Pict Offshore to build new connections within the industry and improve its management processes. Pict has completed an engagement with Sharing in Growth through the OWGP Sprint programme. The programme encouraged the management team to explore new ways of working, which has improved their efficiency.

After

The OWGP funding has been instrumental in accelerating the development of Gx2. OWGP's flexible and adaptive approach proved invaluable to Pict, particularly when a commercial order in the U.S. took precedence during the project timeline, resulting in delays. With the order now fulfilled, Pict has refocused its efforts on Gx2 and is actively exploring opportunities to apply their products in the floating offshore wind market. OWGP has remained supportive throughout the scope change and incorporated a testing phase into the revised project timeline, with testing now underway at FLOWIC.



The production of Gx2 will create new manufacturing jobs in Scotland, as well as generate additional sales and marketing roles both within the UK and internationally. It will also drive increased demand across the steel and manufacturing supply chains and offer developers a more cost effective and efficient lifting system solution.

OWGP is a fantastic initiative, run by a dedicated team with a deep understanding of the industry, its challenges, and the role of innovation in solving them. We feel extremely fortunate to have been selected for product development support, which is proving critical in accelerating the launch of our new GUS system. OWGP's flexibility in handling project delays was greatly appreciated when operational activities took priority with the fulfilment of our commercial order in the US.

PHILIP TAYLOR
Managing Director
Pict Offshore

