



# A centralised cloud-based system to manage offshore wind operations and construction

Sennen successfully won grant funding to develop its core technology, expanding its capabilities as a management tool for single site windfarm operations to cover multi-site operations. This is a key development to enable the business to scale.

## Impact of the support

Propelled the business to win contracts with large portfolio operators.

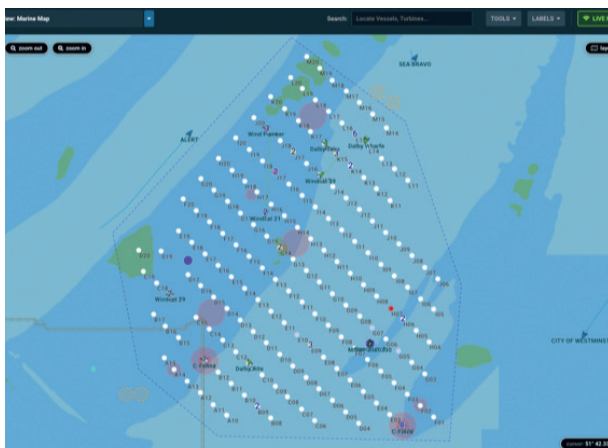
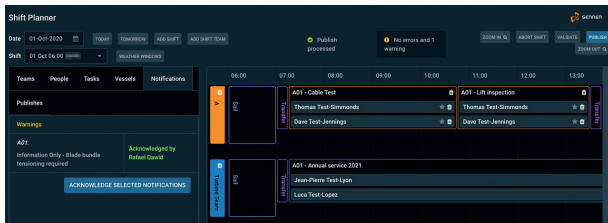
Helped to double the company's turnover in a year.

Headcount more than doubled since OWGP engagement.

## A closer look at Sennen

Sennen provides software for renewable energy market leaders putting data at the heart of its asset management strategy.

Sennen delivers a software system that is fully scalable across wind farm operations of all sizes and is a market leading solution in improving the operational efficiency and safety of wind farms.



### BUSINESS PROFILE

- Software developer supporting renewable energy constructions, operations and management.
- Operating across all renewable energy sectors.
- Team of 19, based in Bristol.

### SUPPORT RECEIVED

GRANT FUNDING

## Solutions for the offshore wind industry



Market leading software for multi site offshore wind operations.

Improves operational efficiency and safety of offshore wind operations.

O&M tool selected by EDF Renewables for its global offshore wind portfolio.

Construction tool currently being trialled by Ørsted for its South Fork Wind farm, USA.



## CASE STUDY

### How did OWGP's support propel Sennen's business into the Offshore Wind sector?

#### Before

In early 2020, Sennen knew there was an urgent need for its technology in the Offshore Wind sector. Wind farm operators with multi-site operations were using multiple management tools to monitor their sites and struggling to obtain a detailed overview of their operations. Swamped with incomparable data, it was complicated and time consuming for operators to understand where they should focus resources to mitigate losses and improve operating efficiency.

The marketplace was flooded with technologies that solved problems in isolation, but no single provider was able to give operators sight of the big picture. Sennen knew how to do this but sought a cash injection for the business to develop its technology to offer multi-site capability.

#### During

OWGP provided Sennen with two separate funding grants over a 12-month period.

The first grant in 2020 of £37,000 enabled Sennen to initiate – in partnership with a large offshore wind farm – development of a ground-breaking system to measure and minimise lost production from turbine downtime. This project gave Sennen the opportunity to showcase its technology and win a critical contract with a major utility.

A second grant in 2021 allowed Sennen to develop its offshore management system to perform across multi-site wind farm operations and provide a competitive management solution for wind farm operations of the largest scale.

#### After

The funding support Sennen received from OWGP has been a catalyst for significant business growth.

In the same year as awarding Sennen the second grant fund, the company secured a contract with European energy giant EDF Renewables.

Sennen has since expanded its initial offering from operations and maintenance to the management of offshore wind construction - where its software can be used to keep track of multiple teams and contractors. In 2023, Sennen won a contract with Ørsted to work on the construction of its South Fork wind farm in the USA.



OWGP's grant funding has been critical in moving our business forward. It enabled us to commit to the project and get prototypes into the hands of the big utilities.

We have been able to test our hypothesis while cushioning the risk. We're now winning contracts with large scale operators as a result. ”



GABY AMIEL

Co-Founder and CEO,  
Sennen

[www.sennen.tech](http://www.sennen.tech)