



Acceleration in offshore energy logistics

With the first quarter of 2022 over, DHSS can look back at a good start to its 25th anniversary year. New offshore wind projects have begun in the UK, France and in its home country, the Netherlands, with other operations continuing and expanding. Here, we take a closer look at a few of the company's ongoing projects.

New projects

OWF Seagreen UK

Scotland's current largest offshore wind farm is located 27km off the coast of Angus in the North Sea. When fully commissioned, the 114 offshore wind turbines currently under construction will have an installed capacity of 1,075MW. The wind farm will be fully operational by early 2023.

On a weekly basis DHSS is responsible for helicopter flights, including planning, coordination and chartering helicopters on behalf of Vestas and Cadeler, which recently replaced its installation vessel Wind Osprey for Wind Orca. The company also handles COVID-19 testing in port, when the vessel is in town and crew changes take place.

OWF Saint Nazaire France

Since April 2021, DHSS has been present at Saint Nazaire Airport, responsible for setting up a helicopter terminal, including check-in desk, safety briefing rooms, PPE handout area, as well as taking care of platform handling.

As the locally situated ground handling operator for CHC Helicopters initially, the company now also charters helicopters for its clients and is the single point of contact for offshore helicopter logistics.

Following its initial involvement during the installation of the foundations, the next phase in the wind farm's development has now started. The first turbines from GE Renewable Energy have been erected, with DHSS coordinating the crew change flights.

While the offshore wind industry in France is taking off with various installation projects, the aviation business for DHSS is expanding as well, with a new site in Le Havre.

OWF Kaskasi Germany

At the start of 2022, DHSS signed a logistics contract with offshore wind farm owner RWE, regarding the development of the Kaskasi offshore wind farm in German waters. The DHSS support base in the marshalling port of Eemshaven manages services like vessel agency, storage and port logistics.

For the multiple installation vessels involved, DHSS is also the aviation specialist, arranging crew change flights on a regular basis. Port and helicopter logistics also come under the same umbrella, out of one location in Eemshaven, providing a multi-functional gateway for the project.

OWF Hollandse Kust Zuid Netherlands

The next step in the installation of the Hollandse Kust Zuid offshore wind farm recently began, with the start of turbine



installation and the inter-array cable work.

The commissioning team of Siemens Gamesa has been established at the DHSS support base in Port of IJmuiden, where two FOB Swath CTVs are transferring teams on a daily basis, to and from the wind farm. Meanwhile, Seaway7 has started the cable work on site, with Seaway Aimery and Seaway Moxie, as well as Siem Dorado plus two CTVs.

All of these services are using the Port of IJmuiden as a marshalling area for frequent port calls.

Hollandse Kust Noord West Alpha Netherlands

Meanwhile, Jan de Nul is active with an export cable project for TenneT offshore substations HKN and West Alpha, which

began in mid-April out of IJmuiden. DHSS is handling vessel agency and port logistics for the various types of vessels and jack-up platforms involved.

It is a busy time in IJmuiden, with two projects running simultaneously, and alongside the regular work taking place in this area. The workforce at all DHSS sites has been upgraded and the company is hiring various functions for further growth, not only at the Dutch facilities but also abroad.

One-stop-shop by collaboration

Close cooperation with HeliOIS works like clockwork here. The two companies formed a partnership in 2021, to offer a one-stop-shop solution for offshore aviation services supporting the offshore energy industry.

As well as arranging various services on site,

the companies also collect the involved crews from offshore and transport them home safely. HeliOIS organises charter flights to transfer the crews to and from the local airports in France or elsewhere in Europe, where DHSS ground handling teams welcome them and ensure they can go to or from their installation vessel by helicopter without delays.

This type of collaboration is key to the success of acceleration abroad. Working closely with various stakeholders in the offshore helicopter logistics, and working with various helicopter operators and service companies like HeliPPE and HeliOIS as preferred partners unburdens clients and contractors. It also provides a single operational point of contact for clients that is recognized by the operators.

Net zero journey

DHSS is committed to reaching net zero carbon emissions and is embracing the opportunity to drive innovation, increase competitiveness, and stimulate resilient growth.

Investments in solar panels on its facilities and the replacement of diesel vehicles and forklifts with an electrical fleet with charging stations are ongoing. This is driving a significant reduction in fossil fuel output, contributing to an overall reduction in carbon footprint at each of its locations. The company's journey to net zero is further strengthened by the implementation of a CO₂ management system.

Understanding clients

'A sense of urgency has been in our

company's DNA for decades, with the intention of making things happen efficiently and effectively, to achieve excellence as a habit. In everything we do, we are resourceful and responsive to our customers' needs and innovative in the solutions we apply to everyday's challenges.

'We believe in listening with the intent of learning and to be the client advocate, after all, they are the best judge of our services and behaviour. We want to be recognized by our stakeholders as the partner of choice in all our service areas,' says Wim Schouwenaar, DHSS founder and owner.

'We believe in honesty in every transaction, through trust, collaboration and teamwork.'

25 years of project experience

DHSS has been involved in offshore energy

shipping for almost 25 years and the same goes for its helicopter services.

As well as being active in the Netherlands, it is involved in the construction and maintenance phase of several wind farms across Europe. In France and the UK, DHSS aviation teams are coordinating crew changes for five different wind farms, acting closely with the vessel crews and helicopter operators. Each party focuses on its own core activity; the vessel and crew on the work offshore, the helicopter operator on flying, with the DHSS site teams the glue in between.

Well established focus and a full understanding of each other's expertise is key to the flawless execution of projects and to the joint creation of successful results, together.

📄 www.dhss.nl

