



One point of contact

Clarksons PLC collaborates across all its business lines, ensuring everything is underpinned by research, enabled by technology, and implemented by an experienced team. Its global presence, depth of relationships and total service offering delivers extraordinary results. As a strategic partner, it helps clients make smarter decisions at every stage of the shipping life cycle.

The offshore renewables team is a leader in offshore wind shipbroking, vessel chartering, new building, offshore logistics and strategic marine advisory services. Supporting all offshore wind vessel types and all renewable energy sources, Clarkson is the go-to partner for all stages and sizes of offshore wind renewable energy projects.

Integrator

DHSS, recently acquired by Clarkson Port Services, is responsible for making things easier for various participants, with operational assistance during various phases of the life cycle of offshore wind farms.

With strategically situated locations around the UK and the Netherlands, DHSS and Clarkson form a solid tandem, providing unrivalled turn-key services covering ships and port agency, terminal handling and quayside logistics, warehousing, helicopter services, as well as customs brokerage.

The team operates as a stage director for its demanding clients. In marshalling ports and at heliports and is the single point of contact for planning, arranging and coordinating a full scope of services during port calls and helicopter crew changes. The specialized teams are on hand to deal with local supply chains for a flawless service. Plus, there are tailor-made solutions for taking care of the crew's healthcare needs.

With its 18 locations around the UK, including Belfast in Northern Ireland, and its A1 offshore energy locations in various ports in the Netherlands, the company is well positioned to serve all contractors. From

surveying new offshore wind sites, to cable laying and construction of each wind farm, the team can deliver its integrated services.

Construction

'We deliver the full service package, covering all aspects, from logistics co-ordination, to cargo and client crews.' Managing Director, Wim Schouwenaar, said. 'This includes providing assistance to a wide variety of vessels and construction companies. Installation vessels, cable laying vessels, CSOV and crew tender vessels, are all assisted by DHSS – Clarkson Port Services.'

Managing helicopter operations is an important modality during the construction phase, to minimize downtime while building wind farms offshore.

As well as its helicopter services flying out cargo and crew, the company provides a package of port logistics and vessel agency services. It operates a 3PL warehouse management system, including storage of both bonded and free circulating goods inside and outside, an efficient stock control system and temperature-controlled storage for critical components. DHSS – Clarkson Port Services also facilitates customs formalities, support base operations, freight forwarding and procurement management.

'Our full-service concept is beneficial for the clients, as our port services and helicopter coordination centre organise and manage all operations.

'Together with a qualified supply chain, we support all stakeholders during their projects. Whether it is port call or helicopter



related, our staff are qualified and have the necessary operational experience.

'We are heavily involved in the transition into the renewables industry in the wider North Sea region, including being involved in the development of various offshore wind farms being built in the UK, Dutch and German sectors. Here we're helping with both port and helicopter logistics, as well as the services delivered in the O&M phase.'

Mobilization for USA

Mobilization and demobilization activities are well-known the project department of the company, with an experience of being involved in over 25 offshore wind farms to date. The project department of DHSS - Clarkson Port Services is currently assisting it's client with the mobilization of installation vessel Sea Installer, to get her ready for the first turbine installation at Vineyard 1, in the United States of America.

Operation and maintenance

In the Netherlands, DHSS – Clarkson Port Services acts as point of contact for OWF Merkur and OWF Deutsche Bucht during the Operation & Maintenance phase.

Recently, the company extended its service contract with GE Renewable Energy, with another five years agreement for OWF Merkur. In what is a big milestone for the business, DHSS is the facilitator of all related activities in the Port of Eemshaven, supporting the GE team offshore.

Grid connection

The high-voltage grid is the backbone of the electricity supply system, connecting producers to consumers, and integrating electricity markets. The main task is to secure electricity supply to 17 million people who live in the Netherlands. It is also essential to build, maintain and operate the grid, at same time as driving the country's transition to a zero CO₂ economy.

TenneT is the driving force behind the energy transition. To achieve the ambitious energy targets, the offshore grid must be expanded at an accelerated pace. From 2028 onwards, offshore wind farms will be connected via 2 giga watt converter stations. A new standardised platform, a new certified cable system, a higher transmission capacity, all with the least environmental impact possible. The 2 GW program sets the precedent for next generation offshore grid connection systems.

DHSS – Clarkson Port Services is providing various services to the Dutch grid provider, including equipment storage for both critical and operational stock. The customs team is also working closely with the client on the importation of all kinds of materials for the cable systems, including taking care of vessel agency and port logistics services. A reliable partner, who delivers an integrated service, powered by intelligence. We tailor our in-house expertise to meet individual requirements.

Knowing your industry

Knowing its customers is at the heart of this business, but industry expertise is also crucial. With its involvement in all phases of the offshore wind industry, DHSS – Clarkson Port Services is taking this to the next level, particularly concerning port and support base requirements.

Port infrastructure and its availability becomes more critical with the ambitious energy targets set in Europe. This requires another way of thinking altogether, to ensure projects can be executed on time. Industry collaboration in all its facets, optimization of shipping and berth availability by shared solutions and

standardization, plus sustainability are important topics to avoid congestion in the leapfrog of offshore wind development.

Here projects are approached as an integrated solution for the industry, by collaborating with port authorities and local supply chains.

Successful industry development comes from knowing where to compete and where to collaborate. In an industry as complex as that of global energy logistics, collaboration can be the solution, delivering significant savings and creating maximum flexibility. Sharing expertise to bring renewable energy forward, with a combined, cost-effective solution for all stakeholders.

DHSS – Clarksons Port Services has a partnership approach to helping the renewable energy industry progress.

Sustainability

The company's role is to support smarter, more sustainable business. As the global

leader in port and shipping services, it supports smarter, more sustainable trade across the maritime industry, with a commitment to being a responsible business, working with clients, people and communities to make a positive contribution to the world we live in. DHSS - Clarksons has a hard-earned reputation for integrity, excellence and fairness.

The world is uniting to tackle climate change and accelerating action towards more sustainable ways of living. Guiding the maritime industry through this green transition is a key role. The aim is to minimise shipping's impact on the environment, whilst continuing to meet the demands of global trade and energy markets.

As to be expected of a company heavily involved in the sustainable energy sector, DHSS has taken steps to reduce its own carbon footprint. ISO45001 and the CO₂ Performance Ladder certificate were

awarded in the Netherlands and the UK offices will get the same. There is a continuous focus on energy savings and reducing CO₂ emissions in projects and the supply chain. This is so that it can track its energy use and have a better insight into how to reduce its own carbon footprint. The instrument is used as both a CO₂ management system and a procurement tool.

Company development

The company is currently extending its presence at various locations on a global scale, among others in the Port of Eemshaven, Netherlands. With an extra hectare of space, there will be room for more yard storage and a warehouse. This will include a business centre for stakeholders and related offshore wind service companies centralized at one location. After all, collaboration in the most efficient manner is the key forward.

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