



Potential wind industry customer listings
For The Supply Chain Network business support team

November 2020



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- BVG Associates was formed in 2006 at the start of the offshore wind industry.
- We have a global client base, including customers of all sizes in Europe, North America, South America, Asia and Australia.
- Our highly experienced team has an average of over 10 years' experience in renewable energy.
- Most of our work is advising private clients investing in manufacturing, technology and renewable energy projects.
- We have also published many landmark reports on the future of the industry, cost of energy and supply chain.

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Supplier registration support

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1. Introduction

BVG Associates (BVGA) has supplied the following information to The Supply Chain Network team to help inform companies registered on The Supply Chain Network business support programme.

2. Tables

- Table 1 lists company supplier registration information. This includes companies active in offshore wind, onshore wind, and wave and tidal. The list is ordered by company name.
- Table 2 provides details of offshore wind project specific supplier registration information, where those projects have specific databases or information either instead of, or in addition to the developer/owner information stated in Table 1.
- Table 3 provides links for medium scale onshore wind manufacturers or agents for wind turbines with a rating greater than 100kW but less than 500kW.
- Table 4 lists OMS suppliers that are currently active in the Humber region.

This document contains an update of the report issued to Green Port Growth in January 2020.

Table 1 Company supplier registration sites and websites ordered by company name.

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
ABB	Offshore wind Onshore wind	Key supplier (electrical systems) Key supplier (OMS)	<p>ABB is a supplier and integrator of electrical components, such as transformers for onshore and offshore substations. It also offers design, engineering and supply of subsea transmission links.</p> <p>ABB is to provide a 2MW energy storage system for Ørsted's 90MW Burbo Bank wind farm.</p> <p>In July 2018, Ørsted awarded ABB the contract for power connection and integration to the grid for Hornsea Project Two.</p> <p>In June 2019, the company was awarded a contract to supply transformers for the Moray East wind turbines, and in October 2019 it won a contract from the developers SSE and Equinor to supply converter systems to the Dogger Bank project in partnership with Aibel.</p> <p>In February 2020, ABB's Power Grids business was selected by MHI Vestas to deliver transformers for Triton Knoll.</p> <p>In March 2020, ABB won the contract to supply the complete HVDC electrical power system for the 900 MW DolWin5 offshore grid platform, as well as digital products and services for the offshore grid in Germany.</p> <p>In July 2020, ABB divested the Power Grids business to Hitachi.</p>	ABB's process to register and pre-qualify new suppliers onto the Power&Tech SQS Community is operated through Achilles.	ABB supplier registration ABB supplier information ABB code of conduct for suppliers
Bladt Industries	Offshore wind	EPC contractor Key supplier (foundations, transition pieces and	Bladt Industries is a Danish manufacturer of offshore steel structures. Its primary activities in the offshore wind industry are the manufacture of steel foundations and assembly of substation jackets and topsides. The company offers EPCI delivery for foundations and substations working in joint ventures or as a sub-contractor to other companies.	<p>Direct contact</p> <p>Erik Viese (Strategic category manager / Business developer)</p> <p>Email: evi@bladt.dk</p>	Bladt Industries website

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
		substation foundations)	<p>In June 2018, Bladt finished supplying jacket foundations for the UK Beatrice project.</p> <p>Bladt Industries completed the last of three substation topsides for Ørsted's 1.2GW Hornsea Project One offshore wind farm in July 2018.</p> <p>Bladt Industries also supplied transition pieces for the Horns Rev 3 wind farm in Denmark and will be supplying transition pieces for the Borssele 1 and 2 wind farms.</p> <p>In June 2019, the company was awarded a contract to supply 135 transition pieces to the Hornsea Project Two project.</p> <p>In January 2020, it was awarded a contract for the fabrication and delivery of the offshore substation for the Mayflower project in the US (in a JV with Semco Maritime).</p> <p>In April 2020, Parkwind and Bladt signed an agreement for the design, fabrication, and installation of the Arcadis Ost 1 substation in the German Baltic Sea.</p> <p>Also in April 2020, Innogy (now RWE Renewables) awarded Bladt Industries a contract for the monopiles, transition pieces and offshore substation (EPCI contract), for the Kaskasi project in Germany.</p>		
Babcock	Offshore wind	EPC contractor Key supplier (electrical systems)	Babcock is a British shipbuilder, fabricator of large offshore structures and engineering service provider. Its primary activity in the offshore wind industry is the design and assembly of HVAC offshore substation topsides and jackets. In April 2017, it completed the topsides for the offshore substation for Rampion. It is understood that Babcock is not currently bidding for substation work.	Company website, events Babcock pre-qualify suppliers. Suppliers are then selected for audit and close monitoring based on risk assessment or supplier performance.	Babcock website Babcock supplier requirements Babcock supplier registration

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			In July 2020, Maersk Training and Babcock Marine Training signed an agreement to develop a custom-built wind energy training facility in Paisley.		
Boskalis (now including VBMS)	Offshore wind	EPC contractor Key supplier (OMS)	<p>Boskalis is a Dutch provider of offshore contracting and services. It has experience working on the West of Duddon Sands projects installing foundations. In March 2016, it acquired the remaining offshore activities of VolkerWessels, including VBMS, which will supply array cable installation for the East Anglia ONE project.</p> <p>In October 2016, Boskalis won a contract from Ørsted to transport and install turbine foundations for Hornsea Project One.</p> <p>In February 2017, VBMS (now Boskalis) won a contract to supply array cable installation at the EnBW Hohe See wind farm in Germany.</p> <p>In May 2017, Boskalis installed the export cables at the Galloper project.</p> <p>In April 2018, Boskalis completed export cable installation at the Rampion wind farm.</p> <p>In partnership with NKT, Boskalis were awarded a contract to supply and install the export cable system for the 784MW Inch Cape offshore wind project.</p> <p>The company will both also deliver the export system for Ostwind 2 grid connection in Germany.</p> <p>In December 2018, Boskalis signed a contract to supply and install the array cables at the Moray East offshore wind farm.</p>	<p>Supply chain events, direct contact with procurement department:</p> <p>Phone: +31 (0) 78 696 9000</p> <p>Email: customersupport@boskalis.com</p>	<p>Boskalis website</p> <p>Boskalis code of conduct</p> <p>Boskalis purchasing terms and conditions</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In April 2019, the company was awarded a contract for the export cable installation for the Hornsea Project Two wind farm.</p> <p>In June 2020, Boskalis in consortium with Bouygues Travaux Publics and Saipem was awarded the design work, construction and installation scope for 71 concrete gravity-based foundations for the Fécamp offshore wind farm in France.</p> <p>In September 2020, Boskalis won the contract to transport and install five floating wind turbines for the Kincardine floating wind farm.</p>		
CG Power Solutions	Offshore wind	Key supplier (electrical systems)	<p>CG Power Solution is an Indian headquartered supplier and systems engineer for transmission and distribution networks. Its primary activity in the offshore wind industry is the design of electrical interconnection systems and the supply of substation electrical equipment. The company is a listed company and owned by the Indian Avantha Group.</p> <p>The company supplied substations for the Humber Gateway offshore wind farm and usually bid as part of a JV with ENGIE Fabricom and Iemants but has not bid in the past few years.</p>	<p>Direct contact</p> <p>Phone: +44 (0) 845 634 1133</p>	<p>CG Power Solution website</p>
DeepOcean	Offshore wind	EPC contractor Key supplier (installation services)	<p>DeepOcean provides installation as a cable EPCI contractor or as a subcontractor for individual work packages. It has a fleet of 16 vessels, 40 ROVs and 16 trenching assets. It has Dutch headquarters but its offshore wind activities are mainly UK based.</p> <p>In October 2015, the company was awarded a contract to install the array cables at the Race Bank offshore wind farm.</p> <p>In January 2017, Triton (a private investment company) became the largest shareholder in DeepOcean.</p>	<p>Formal vendor approval process called the 'DeepOcean Vendor Accreditation Programme'. A profiling questionnaire must be completed.</p> <p>Direct contact</p> <p>Phone: +44 (0)132 539 0500</p>	<p>DeepOcean website</p> <p>DeepOcean supplier registration</p>

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			The same month, Nexans subcontracted DeepOcean for array cable transport and installation works at the East Anglia ONE project.	Email: supplychain@deepoceangroup.com	
DEME Offshore	Offshore wind Wave and tidal	EPC contractor Key supplier (installation services) Key supplier (OMS) DEME Offshore is a minor Developer / Owner	<p>DEME Offshore is a provider of offshore contracting and services based in Zwiendrecht, Belgium. It is an EPC contractor and provides installation services. It previously operated through its business units A2SEA, GeoSea and Tideway.</p> <p>It maintains and operates its own fleet of specially designed vessels and equipment, which allows it to provide foundation and turbine transport and installation. It also provides operations, maintenance and service logistics.</p> <p>In June 2016, it was awarded the export cable installation contract for the Hornsea Project One offshore wind farm.</p> <p>In December 2016, the Sea Installer vessel completed installation of 8MW turbines at Burbo Bank Extension.</p> <p>In 2017, it installed turbines at the Dudgeon and Race Bank projects in the UK.</p> <p>In March 2017, it won an EPC contract to supply and install foundations for the EnBW Hohe See project in Germany. It is also EPC contractor for the Belgian Norther wind farm, contacted for supply and installation of foundations for the French Saint-Nazaire project and will install Triton Knoll turbines. The same month, DEME ordered a 'next generation' installation vessel <i>Orion</i> for construction of large offshore wind farms from 2019 onwards.</p> <p>It also installed the monopile foundations for Hornsea Project One and will be installing the foundations and turbines at the Borssele 1 and 2 wind farms in the Netherlands. The transition pieces on the Horns Rev 3 were also installed by GeoSea.</p>	<p>Online registration, supply chain events</p> <p>Direct contact for information about supplier requirements</p> <p>Email: supplychain@deme-group.com</p> <p>ISO Certification or similar will be required but not a prerequisite at the initial stage.</p>	<p>DEME Offshore website</p> <p>DEME Offshore supplier registration</p> <p>DEME Offshore code of conduct</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In November 2019, DEME Offshore was awarded the array and export cable EPCI contract for the Neart na Gaoithe project.</p> <p>In August 2020, DEME Offshore signed a contract with Dogger Bank Wind Farm to provide the array cables for Dogger Bank A and Dogger Bank B. Under the EPCI contract, DEME will in total supply, install and protect 650km of 66kV array cables and all related accessories.</p> <p>In June 2020, CSBC-DEME Wind Engineering reached FID for the construction of Green Jade, the first Taiwan-built floating heavy-lift offshore wind installation vessel.</p> <p>In October 2020, DEME launched its first service operation vessel. The vessel, named Groene Wind, will be directly chartered to Siemens Gamesa for maintenance activities at the Rentel and SeaMade offshore wind farms in Belgium, once delivered in 2021.</p>		
Dragados Offshore	Offshore wind	Key supplier (substation foundations)	<p>Dragados Offshore is a Spanish fabricator of large offshore structures. Its primary activity in the offshore wind industry is the assembly of offshore substation jackets. The company is privately owned.</p> <p>In April 2018, Dragados built and shipped the four offshore substation jacket foundations for the Hornsea Project One wind farm.</p> <p>In August 2020, A consortium of Siemens and Dragados Offshore was awarded a contract by TenneT to build onshore and offshore converter stations for the 900MW BorWin5 grid connection.</p>	<p>Direct contact</p> <p>Email: info-dossa@dragadosoffshore.es</p>	<p>Dragados Offshore website</p>

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
E.ON Climate & Renewables (now RWE Renewables)	Offshore wind Onshore wind	Developer/ Owner	<p>In Europe and the US, German utility E.ON operates onshore wind farms with a capacity of more than 4GW. It also owns or is a partner in nine offshore wind farms across Europe including Amrumbank West and Arkona in Germany and London Array and Rampion in the UK.</p> <p>In March 2018, parent company E.ON announced it is in the process of completing a complex merger with RWE (parent company of Innogy). This resulted in E.ON transferring its major renewable assets to Innogy. In addition to this swap, RWE now also owns a 16.7% stake in E.ON while E.ON obtains a 76.8% stake in Innogy. In September 2019, the European Commission gave its approval regarding this takeover and the transfer of renewable assets from E.ON and Innogy to RWE was completed.</p> <p>In April 2019, E.ON and Kyuden Mirai Energy signed a cooperation agreement that will see them jointly developing offshore wind projects in Japan.</p>	<p>Registration on supplier system (Sellicha by Achilles)</p> <p>Meet the buyer events, direct contact and search for track record in UK</p> <p>For supply to Rampion only, which has come to the end of construction, companies based in Sussex, Kent, Surrey or Hampshire go to Sussex Wind Energy</p>	<p>E.ON Procurement information and supplier registration</p> <p>E.ON Responsible Procurement Policy</p> <p>Rampion supplier registration</p>
EDF Energy Renewables	Offshore wind Onshore wind	Developer/ Owner	<p>EDF Energy Renewables is the operator of Teesside offshore wind farm and the Blyth Offshore Demonstrator project. Its parent company, EDF, is based in Paris. The Demonstrator project's first phase includes five 8.3MW turbines on innovative float and submerge gravity-based foundations. Installation was completed in October 2019.</p> <p>In May 2018, EDF purchased the Neart na Gaoithe project, whose revised design has received consent. The project had previously been awarded consent and secured a CfD in the first allocation round in 2015 but was prevented from being constructed by a legal challenge from the RSPB. This has now been resolved and construction began in November 2019.</p> <p>In September 2018, the company expanded its portfolio to the US. A joint application with Fishermen's Energy, for the 25MW</p>	<p>Online registration on the EDF supplier portal</p>	<p>EDF supplier registration</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>Nautilus offshore wind farm, was accepted by the New Jersey Board of Public Utilities. In addition to this, EDF and Shell formed joint venture Atlantic Shore Offshore Wind in December 2018 to develop New Jersey's offshore wind sector.</p> <p>In November 2016, EDF Energies Nouvelles had a floating wind demonstration project approved by the French Environment and Energy Management Agency.</p> <p>In February 2020, EDF Renewables purchased a 50% stake in the Codling offshore wind farm located off the Irish shore from Hazel Shore Limited.</p> <p>In June 2020, a consortium of EDF Renewables, Enbridge and WPD reached financial close on the 500MW Fecamp offshore wind farm in France.</p> <p>In July 2020, EDF and China Energy Investment Corporation agreed an industrial partnership to develop offshore wind projects in China.</p>		
EDP Renováveis	Offshore wind Onshore wind	Developer/ Owner	<p>EDP Renováveis (EDPR) is a Spanish subsidiary of the Portuguese utility EDP, with European projects including Moray Firth Round 3 zone and floating demonstration project WindFloat - Phase 2.</p> <p>In September 2017, EDPR's Moray East project was one of three offshore wind projects to secure a CfD in the second allocation round. Its Moray West project was not successful in the third allocation round in 2019.</p> <p>In November 2017, EDPR was approved a floating wind demonstration project by the French Environment and Energy Management Agency.</p>	Online registration	EDPR supplier registration

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In September 2018, EDPR was part of a consortium that submitted a lease application for a 150MW floating offshore wind farm off the US west coast.</p> <p>EDPR formed a joint venture with Shell called Mayflower Wind Energy in December 2018. The JV won the auction for a lease area off the coast of Massachusetts.</p> <p>EDPR formed a JV with ENGIE in May 2019 to develop fixed and floating projects globally. ENGIE is already a partner in the Moray East wind farm.</p> <p>In October 2019, EDPR formed a consortium to develop a 500MW floating offshore wind project off the coast of Ulsan in South Korea.</p> <p>On January 2020, EDP Renewables and ENGIE signed an agreement to create a co-controlled 50/50 joint-venture in fixed and floating offshore wind.</p>		
ENGIE Fabricom	Offshore wind	Key supplier (substation topside)	<p>ENGIE Fabricom is a Belgian construction contractor. Its primary activity in the offshore wind industry is the assembly of offshore HVAC substation topsides. The company is a wholly owned subsidiary of ENGIE (formerly GDF Suez), which is a listed multinational utility and contractor.</p> <p>In November 2018, ENGIE Fabricom sold its share of Fabricom Offshore Services (FOS) which focuses on the oil and gas market to 55 Degrees Holding Limited.</p> <p>In November 2018, the Smulders-ENGIE Fabricom consortium a contract to manufacture two Offshore Transformer Modules (OTM) for the Triton Knoll project.</p> <p>In June 2020, A consortium of ENGIE Fabricom and Iemants won a contract to supply the offshore substation platform for the Hollandse Kust (North) wind farm in the Dutch North Sea.</p>	<p>Direct contact</p> <p>Email: group-purchasing-communication@engie.com</p>	<p>ENGIE Fabricom website</p> <p>ENGIE Procurement information</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
Equinor	Offshore wind Onshore wind	Developer/ Owner	<p>Norwegian utility Equinor is the lead operator of the Dudgeon and Sheringham Shoal wind farms. In October 2019 it announced plans to develop extensions to both projects. The company also has a 25% share in the Arkona project in Germany, which has been fully commissioned, selling 25% of its share to Credit Suisse Energy Infrastructure Partners in October 2019.</p> <p>In 2017, the Forewind consortium developing the Dogger Bank Round 3 projects rearranged its shares. Equinor and SSE own 50% each in Dogger Bank Creyke Beck A and B, and Dogger Bank Teesside A. All three projects received CfDs in the third allocation round in 2019 and will be built between 2023 and 2025. In November 2019 Equinor and SSE applied to remove the 1.2GW cap on the project and to use bigger turbines.</p> <p>In March 2017, Equinor signed a commercial lease for the Empire Wind (1GW) project off the east coast of the US and this was successful in the 2019 New York solicitation.</p> <p>In October 2017, Equinor's Hywind Pilot Park in Scotland became the world's first floating offshore wind farm. Equinor has another floating offshore wind farm in development called Hywind Tampen in Norway, which should be built in 2022. Hywind Tampen started construction in October 2020.</p> <p>The company is also looking to other markets with a potential for floating offshore wind, such as Ireland, the US and Japan.</p> <p>In September 2018, Brazilian oil & gas major Petrobras signed a Memorandum of Understanding (MoU) with Equinor to jointly develop the offshore wind energy segment in Brazil.</p> <p>In December 2018, Equinor acquired a 50% stake in the Polish offshore wind projects Bałtyk I, II and III.</p>	<p>Company website, subscription to pre-qualification systems as applicable, e-Sourcing portal. Equinor also undertake regular supplier market analysis to identify potential suppliers. The main sourcing method is through competitive tendering.</p> <p>Equinor recommends registering with UVDB for UK opportunities in generation and distribution of electricity.</p> <p>Suppliers that are invited by Equinor will require registration on the e-sourcing portal.</p>	<p>Equinor supplier information</p> <p>Equinor supplier contact form</p> <p>Equinor e-sourcing guide</p>

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In February 2019, the company signed a MoU with Korea National Oil Company (KNOC) to develop offshore wind in South Korea.</p> <p>In May 2020, SSE Renewables and Equinor, announced plans to build a new operations and maintenance base at the Port of Tyne for the Dogger Bank projects.</p> <p>In August 2020, The Crown Estate gave approval for lease for the extension of the Sheringham and Dudgeon wind projects, doubling the total proposed capacity to around 1,400MW.</p> <p>Also in August 2020, Equinor submitted an application to the Brazilian Government for an environmental impact assessment needed to further look into the possibility of developing an offshore wind project in Brazil.</p> <p>In September 2020, BP purchased a 50% stake (worth \$1.1bn) in two US offshore wind projects being developed by Equinor.</p> <p>Also in September 2020, Electric Power Development (J-Power), JERA and Equinor formed a consortium to develop offshore wind projects off the Akita Prefecture in Japan.</p> <p>In October 2020, Polenergia S.A. and Equinor started preparations to develop the supply chain for the two offshore wind projects in the Polish Baltic Sea with a combined capacity of 1.44 GW.</p>		
EEW Special Pipe Constructions	Offshore wind	Key supplier (foundations and transition pieces)	<p>EEW Special Pipe Constructions (EEW SPC) is a German manufacturer of steel tubular structures. Its primary activity in the offshore wind industry is producing monopile foundations, and tubulars and pin piles for jacket foundations. The company is part of the EEW Group, which is a privately-owned company specialising in tubular production with a background in supplying the offshore oil and gas, and pressure vessel</p>	<p>Direct contact</p> <p>Email: info@eew-group.com</p>	EEW website

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>industries. In December 2017, EEW took full ownership of Offshore Structures Britain (OSB).</p> <p>In August 2017, Ørsted announced it had awarded EEW a contract to manufacture all monopiles for the 174-turbine 1.2GW Hornsea Project One wind farm.</p> <p>In October 2018, EEW OSB secured a contract to supply transition pieces for the Borssele wind farm in the Netherlands. In the same month, EEW SPC won the contract to supply monopiles to the Windpark Fryslân project also in the Netherlands.</p> <p>In June 2019, the company was awarded a contract to supply 30 transition pieces to the Hornsea Project Two project. The first of these were delivered in August 2020.</p> <p>It also announced in May 2020 that it was cutting jobs its OSB factory in Teesside due to a lack of demand.</p>		
Fred. Olsen Windcarrier	Offshore wind	Key supplier (installation services)	<p>Fred. Olsen Windcarrier is a Norwegian vessel operator and installation contractor working exclusively within the offshore wind sector. Its primary activity is the installation of turbines.</p> <p>In July 2018, Fred. Olsen Windcarrier (subcontracted by A2Sea) started installing the turbines at the Horns Rev 3 wind farm.</p> <p>In February 2019, Fred. Olsen Windcarrier installed the first turbines at the Hornsea Project One offshore wind farm in the UK.</p> <p>In July 2019, the company was awarded a contract by Ørsted to charter jack-up vessels when major components replacement is required. This will apply to all of Ørsted's operating offshore wind farms in the UK, Germany and Denmark.</p>	<p>Direct contact</p> <p>Gry Arnet (Procurement Manager)</p> <p>Email: gry.arnet@fredolsen.com</p> <p>Fred. Olsen Windcarrier launched a supplier portal on its main website in 2018.</p>	<p>Fred. Olsen Windcarrier website</p> <p>Fred Olsen Windcarrier vendor portal</p>

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In February 2020, Fred. Olsen Windcarrier's jack-up vessel Blue Tern was contracted to finish installing the remaining turbines on the Trianel Windpark Borkum II in the German North Sea.</p> <p>Also in March 2020, Fred. Olsen Windcarrier's jack-up vessel Brave Tern was awarded a contract by CSBC-DEME Wind Engineering in Taiwan. After finishing installations on Yunlin offshore wind farm, Brave Tern will commence the transportation and installation of the MHI Vestas Offshore 9.5MW wind turbines selected for the Changfang and Xidao offshore wind farms.</p> <p>In April 2020, Fred. Olsen Windcarrier was contracted by the Danish company Geo to supply a vessel for the preliminary geotechnical investigations for the Thor offshore wind project in the Danish North Sea.</p> <p>In August 2020, it announced that it will use jack-up vessel Brave Tern for the transport and installation of turbines at the Guanyin offshore wind project in Taiwan.</p>		
GE Grid Solutions	Offshore wind Onshore wind	Key supplier (electrical systems)	<p>GE Grid Solutions, a subsidiary of American company GE, is a supplier of electrical components, such as onshore and offshore substations. GE acquired Alstom Power and Grid in 2015.</p> <p>In March 2018, GE Grid Solutions was selected to supply the electrical systems for the offshore substations of three French offshore wind farms.</p> <p>In November 2018, the company secured a contract to design, supply and install the onshore and offshore substations for the Inch Cape offshore wind farm.</p> <p>In January 2020, a consortium of GE Renewable Grid Solutions business, HSM Offshore BV and IV-One was</p>	Company website	GE Grid Solutions website GE supplier information GE supplier portal

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>commissioned to deliver substations for the Neart na Gaoithe offshore wind farm.</p> <p>In June 2020, a consortium of Atlantique Offshore Energy, GE Grid Solutions and SDI won a contract to design, manufacture and install the substation for the Fécamp offshore wind farm.</p> <p>In July 2020, RWE selected a consortium of GE Renewable Energy's Grid Solutions and Sembcorp Marine to provide the electrical transmission system for the 1.4 GW Sofia offshore wind project in the UK</p> <p>In September 2020, Ailes Marines selected GE Renewable Energy's Grid Solutions to provide the main electrical equipment for the Saint-Brieuc Bay offshore wind farm's substation.</p>		
GE Renewable Energy	Offshore wind Onshore wind	Key supplier (turbine manufacturer) EPC contractor	<p>GE Renewable Energy is a supplier of wind turbines. GE, the parent company, headquartered in Boston, acquired Blade Dynamics (based in Southampton) in 2015 and blade manufacturer LM Wind Power in 2017.</p> <p>In January 2018, GE received planning permission to build a wind turbine research and development hub in Southampton. It also opened a blade factory in Cherbourg, France, in November 2019.</p> <p>In March 2018, it announced plans to develop the Haliade-X 12MW turbine. The turbine will enter serial production in 2021.</p> <p>During Q2/Q3 2019, the main components of the Haliade-X prototype were built and assembled in different European factories. The components will be tested in various test sites (ORE Catapult's test site in Blyth being one of them). A prototype was installed in Rotterdam in October 2019. GE will assemble the turbines in France and China.</p>	Company website	GE website GE supplier information GE supplier portal

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In the last few years, the company has secured contracts to supply offshore wind projects in Europe, the US (only currently operating project Block Island) and China. In the UK, GE was announced as the preferred turbine supplier for Equinor and SSE's Dogger Bank projects in October 2019.</p> <p>In September 2019 GE was announced as the preferred turbine supplier for the Ocean Wind project in the US which is being developed by Ørsted.</p> <p>In September 2020, Dogger Bank Wind Farm signed a contract with GE Renewable Energy for 190 uprated Haliade-X 13 MW wind turbines for the Dogger Bank A & B offshore wind project.</p>		
Innogy (now RWE Renewables)	Offshore wind Onshore wind	Developer/ Owner	<p>German utility Innogy was the operator and owner of numerous in the UK and in wider Europe. Innogy's projects are now operated and developed by RWE Renewables.</p> <p>Innogy owned the Sofia (formerly called Dogger Bank Teesside B) project, but no longer had shares in Dogger Bank Creyke Beck A and B or Dogger Bank Teesside A (now Dogger Bank A, B and C respectively). Sofia was successful in the CfD third allocation round in 2019 and the project will be built in 2023/24.</p> <p>In September 2017, Innogy's Triton Knoll project was one of three offshore wind projects to secure a CfD in the second allocation Round. It reached FID in September 2018.</p> <p>In April 2018, the Galloper project, in which Innogy owned a 25% stake, was fully commissioned.</p> <p>Innogy also owned the Greater Gabbard offshore wind farm, in partnership with SSE. In October 2018, the owners announced</p>	Company website, meet the buyer events, advertise in trade publications, direct contact and track record in UK. Project specific supplier databases.	<p>Innogy supplier information and code of conduct</p> <p>Innogy project procurement</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>a planned extension to the existing 504MW wind farm to over 500MW.</p> <p>It is developing extensions to its existing Galloper, Greater Gabbard and Gwynt y Môr projects.</p> <p>In April 2020, Innogy signed an agreement with Asia Cement Corporation to continue the development of a 448MW offshore wind project off the coast of Taiwan.</p> <p>Also in April 2020, Innogy reached FID on the 342 MW Kaskasi offshore wind farm project in the German North Sea.</p> <p>In June 2020, Innogy completed construction of the operations and maintenance base in Grimsby for the Triton Knoll offshore wind farm.</p> <p>In July 2020, Awel y Môr offshore wind farm secured an Agreement for Lease with the Crown Estate for a 106-square-kilometre seabed area located to the west of the existing Gwynt y Môr offshore wind farm.</p> <p>Also in July 2020, Innogy/E.ON transferred all wind, solar and hydropower businesses, as well as the biomass, biogas and gas storage activity to RWE Renewables.</p> <p>In September 2020, SSE Renewables and RWE Renewables signed an Agreement for Lease with UK seabed managers The Crown Estate, securing an option to extend the Greater Gabbard wind farm.</p>		
Jan De Nul	Offshore wind	Key supplier (installation services)	Jan De Nul is a provider of offshore contracting and services headquartered in Luxembourg and with significant operations in Belgium. Its primary activities in the offshore wind industry is the installation of turbines, foundations and array and export cables and the manufacture of concrete gravity base foundations.	Direct contact Email: offshore.wind@jandenul.com	Jan De Nul website

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>The company originally entered the offshore wind market as a cable installation contractor. In 2015, it entered the turbine and foundation installation market with the acquisition of the <i>Vidar</i> jack-up vessel from the HGN joint venture.</p> <p>The company was awarded a contract to install turbines for the Race Bank and Blyth Demonstrator offshore wind farms as well as array and export cables at the Burbo Bank Extension project.</p> <p>It has secured numerous installation contracts in Europe and will also install turbines for the Changhua offshore wind farm in Taiwan.</p> <p>In October 2019 Jan De Nul won the contract to install turbines at the Dogger Bank project in the UK. It will be the first project to use Jan De Nul's new jack-up vessel, the <i>Voltaire</i>, that will be the largest jack-up vessel in the world once constructed in 2022.</p> <p>In November 2019 Jan De Nul announced the order of a new floating crane installation vessel, <i>Les Alizés</i>. The vessel's main purpose will be the installation of offshore wind foundations and will be delivered in 2022.</p> <p>In April 2020, TenneT awarded the consortium of Jan De Nul and LS Cable & System the contracts for the supply and installation of high voltage cables for the grid connection of the Hollandse Kust Noord and West Alpha offshore wind farms.</p> <p>In August 2020, Dogger Bank Wind Farm signed a contract with Jan De Nul for the transport and installation of GE Haliade-X offshore wind turbines at Dogger Bank A and Dogger Bank B.</p>		

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
JDR Cable Systems	Offshore wind	Key supplier (cables)	<p>JDR Cable Systems (JDR) is a supplier of subsea cables and umbilicals. It is based in Littleport, UK, and its primary activity in the offshore wind industry is the production of array cables in Hartlepool. JDR was acquired in 2017 by Polish company Telefonika Kable who supplies the cores for the cables JDR manufactures.</p> <p>In April 2017, the company was awarded a contract to supply the inter array cables for the East Anglia ONE project.</p> <p>In August 2018, Ørsted awarded JDR the contract for the supply of inter-array cables and termination work for Hornsea Project Two.</p> <p>In October 2019, JDR won the contract to supply cables to Equinor's Hywind Tampen floating offshore wind project.</p> <p>On August 2020, JDR Cable Systems secured a contract to provide the termination and testing of 100 array cables and two offshore substation interconnector cables at the Moray East offshore wind farm.</p>	Direct contact via contact form	JDR Cable Systems website JDR Cable Systems contact form
MHI Vestas Offshore Wind (MVOW)	Offshore wind Onshore wind	Key supplier (wind turbine supplier)	<p>MVOW is one of the leading international manufacturers of offshore wind turbines, headquartered in Denmark. In 2016, the first 8MW MVOW turbines were installed at the Burbo Bank Extension project.</p> <p>MVOW has its main blade production facility on the Isle of Wight. In January 2017, MHI Vestas Offshore Wind unveiled an uprated 8MW wind turbine, which can generate 9MW during specific conditions.</p> <p>In September 2018, MVOW announced that the V164-10MW was available for sale and that it is launching a new V176-9.5MW turbine with a 176m rotor diameter. The same month,</p>	Online registration form	MVOW website MVOW supplier registration

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>the company was awarded a contract to supply 90 wind turbines to the Triton Knoll offshore wind farm.</p> <p>In December 2018, MVOW signed a contract to supply 100 of its V164-9.5MW turbines for the Moray East project in Scotland.</p> <p>In October 2019, MVOW was announced as preferred supplier for the Groix & Belle-Île floating offshore wind project in France and for the Seagreen project in Scotland. The Seagreen order was finalised in June 2020.</p> <p>In November 2019 it was selected as the preferred supplier for the Hibikinada project in Japan. In the same month MVOW was announced as preferred supplier for the Vineyard Wind project in the US, being developed by CIP and Avangrid.</p> <p>In March 2020, Japan's Akita Offshore Wind Corporation completed a firm turbine supplier agreement with MVOW for the 139MW Akita Noshiro offshore wind farm project. It was also selected to supply turbines to the Japanese Akita Yurihonjo project in April 2020.</p> <p>In October 2020, MVOW was selected as the preferred wind turbine supplier for the EolMed floating project and will supply three V164-10.0 MW wind turbines.</p> <p>In the same month, Vestas announced that it will acquire the other 50% stake in the JV from Mitsubishi Heavy Industries. This will be completed in late 2020 or early 2021.</p>		
Nexans	Offshore wind	EPC contractor Key supplier (cables)	Nexans is a French-headquartered supplier of power and communication cables and has its own cable laying vessel. In the offshore wind industry, its primary activities are the supply and installation of array and export cables from its manufacturing sites in Germany and Norway. The company is	Direct contact Email: sales.energynetworks@nexans.com	Nexans website

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>a listed multinational conglomerate and is active in a wide range of cable markets.</p> <p>In May 2018, Nexans completed the installation of the main export cable for the Beatrice project.</p> <p>Nexans is providing the export cable for the Northwester 2 wind farm and will be providing the land export cable for the Triton Knoll project. The company will also be providing a portion of the inter-array cable for the Borssele 1 and 2 wind farm and have won a contract to supply the subsea export cable for Hornsea Project Two.</p> <p>In Demember 2019, Nexans announced its plans to expand into the US offshore wind market. It signed a framework agreement with Ørsted to develop projects in North America and announced it will upgrade its high voltage cable manufacturing facility in South Carolina.</p> <p>In June 2020, Nexans was awarded a contract for the supply and installation of export cables for the Seagreen Phase One offshore wind farm.</p>		
NKT	Offshore wind Onshore wind	EPC contractor Key supplier (cables)	<p>NKT Cables is a Danish-headquartered supplier, installer and EPC contractor for both array and export cables. In September 2016, NKT purchased ABB's high-voltage cable business in Sweden to complement its German manufacturing capability. In April 2017, NKT took delivery of a new cable laying vessel as part of the ABB high-voltage cable business acquisition.</p> <p>In 2016, NKT has won the order to supply power cable systems for the Hornsea Project One offshore wind farm in the UK.</p> <p>In July 2018, it was awarded the contract for export cables for Hornsea Project Two.</p>	<p>Online registration form</p> <p>Direct contact</p> <p>Email: groupprocurement@nkt.com /suppliercompliance@nkt.com</p>	<p>NKT website</p> <p>NKT E-sourcing solution</p>

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>NKT has delivered cables for the Belgian Rentel wind farm in and will be providing the export cable systems for the Moray East project.</p> <p>In partnership with NKT, Boskalis was awarded a contract to supply and install the export cable system for the 784MW Inch Cape offshore wind project. The consortium will also deliver the export system for Ostwind 2 grid connection in Germany.</p> <p>In July 2019, the company was awarded a contract for the supply of the onshore cables for the Viking Link interconnector.</p> <p>In November 2019, NKT won the EPCI contract for export cables for the Dogger Bank Creyke Beck A and B projects in the UK.</p> <p>In August 2020, TenneT awarded NKT the contract for the BorWin5 grid connection in Germany - 230 km of 320 kV high-voltage DC XLPE power cables and offshore installation.</p>		
Ørsted	Offshore wind	Developer/ Owner	<p>Danish headquartered Ørsted has 16 UK offshore wind farms currently in operation with a strong pipeline of projects in development.</p> <p>In September 2017, Ørsted's Hornsea Project Two was one of three offshore wind projects to secure a CfD in the second allocation Round. At 1,386MW, it is due to be the world's largest wind farm, exceeding Ørsted's 50% owned 1,200MW Hornsea Project One, which has passed final investment decision and is scheduled to commence operation by 2020.</p> <p>In October 2018, Ørsted announced that it is planning to double the size of the existing 573MW Race Bank wind farm, commissioned in March 2018.</p> <p>The same month, Ørsted acquired US developer Deepwater Wind, whose portfolio includes the only operational offshore</p>	<p>Direct contact and search for track record in UK, meet the buyer events. For some tenders, Achilles is used for pre-qualification.</p> <p>Supplier registration is mainly for tier 1 contractors.</p> <p>For capital expenditure procurement, direct contact</p> <p>Claus Traulsen (Lead Procurement Manager)</p> <p>Phone: +45 (0) 99 55 1111</p> <p>Email: clatr@orsted.dk</p>	<p>Ørsted supplier registration</p> <p>Ørsted supplier information</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>wind farm in the country, Block Island, as well as many projects in development off the West Coast of the US. Ørsted also has its own portfolio of US projects. This includes development rights for up to 5.5GW in Massachusetts and New Jersey and another 2GW in long-term development in Virginia. Ørsted was successful in 2019 in the New Jersey and New York solicitations.</p> <p>Ørsted's presence also extends to Taiwan, where it has five projects under development, one of which is post-FID and awaiting construction and two which have received consent.</p> <p>In January 2019, Ørsted signed an MoU with the Tokyo Electric Power Company (TEPCO) to jointly develop offshore wind projects.</p> <p>Ørsted's Hornsea Project One (the largest wind farm in the world) generated first power in February 2019 and is expected to be fully commissioned by June 2020.</p> <p>In September 2019, onshore cable works began at Ørsted's Hornsea Project Two offshore wind farm.</p> <p>In March 2020, Tokyo Electric Power Company Holdings and Ørsted established a joint venture to develop the Choshi Offshore Wind Farm.</p> <p>In June 2020, Ørsted installed its 1,500th offshore wind turbine with which the world's leading offshore wind developer reached 7 GW of capacity installed.</p>		
ScottishPower Renewables	Offshore wind Onshore wind	Developer/ Owner	<p>ScottishPower Renewables is part of Spanish group Iberdrola.</p> <p>In 2015, ScottishPower Renewables (SPR) acquired a 100% share in East Anglia ONE. The project was one of two to secure a CfD in February 2015 and reached FID in February 2016.</p>	<p>Online registration form verified by Achilles. Project specific supplier databases.</p> <p>Direct contact for supplier registration support</p>	<p>ScottishPower Renewables website</p> <p>ScottishPower Renewables</p>

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>SPR also owns East Anglia ONE North, East Anglia TWO and East Anglia THREE and is a partner in the operating West of Duddon Sands project.</p> <p>The Iberdrola Group also owns the Wikingen project in Germany and the Saint-Brieuc offshore wind farm in France.</p> <p>In October 2018, ScottishPower became the first integrated energy company to shift its generation from coal and gas to wind assets.</p> <p>Construction of the East Anglia ONE offshore wind project started in March 2018. The wind farm is expected to be fully commissioned and operational by June 2020. In August 2019, SPR sold a 40% stake of the project to GIG.</p> <p>East Anglia THREE was unsuccessful in the CfD third allocation round in 2019.</p> <p>In November 2019, SPR submitted a Development Consent Order (DCO) to the planning inspectorate to combine the East Anglia ONE North, TWO and THREE projects into one single project, known as the East Anglia Hub. The projects will go ahead either with or without a CfD.</p> <p>In July 2020, ScottishPower Renewables announced the completion of the East Anglia ONE offshore wind farm with a total capacity of 714MW.</p>	<p>Phone: +44 (0) 1235 838190</p> <p>Email: scottish.power@achilles.com</p>	<p>supplier registration</p>
Semco Maritime	Offshore wind	Key supplier (electrical systems)	<p>Semco Maritime is a Danish project engineering contractor. Its primary activity in the offshore wind industry is the design and project management of the high voltage electrical systems. It usually bids in a JV with steel fabricator Bladt, where Semco delivers the electrical systems and Bladt fabricates the topside.</p> <p>In October 2018, Semco Maritime won a five-year service contract for the Deutsche Bucht wind farm in Germany.</p>	<p>Semco Maritime undertakes supply chain analysis to identify potential suppliers.</p> <p>Direct contact for new suppliers</p> <p>Phone: +45 (0) 7916 6666</p>	<p>Semco Maritime website</p> <p>Semco Maritime procurement information</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In April 2019, Ørsted awarded the company a contract to provide service and maintenance for its Hornsea One project's substations. It previously installed the offshore substations for the same project.</p> <p>In September 2019, the company announced that it would create a new business area consisting of the concept and feasibility studies for offshore wind farms.</p> <p>In July 2020, Ørsted awarded Semco Maritime a one-year service contract for programmed preventive maintenance on the two offshore substations at the Borkum Riffgrund 1 and 2 wind farms offshore Germany.</p> <p>In October 2020, Semco Maritime was chosen to develop and optimise the electrical infrastructure for European Energy's Omø Syd and Jammerland Bay nearshore wind farms in Denmark.</p>	<p>Email: procurement@semcomaritime.com</p> <p>Pre-qualification includes completing supplier registration forms</p>	
Senvion	Offshore wind Onshore wind	Key supplier (wind turbine supplier)	<p>International manufacturer of onshore and offshore wind turbines based in Hamburg, Germany.</p> <p>Senvion supplied two turbines to the Beatrice Demonstration project (now decommissioned) and 30 to the Ormonde offshore wind farm.</p> <p>In Germany, Senvion installed 6.2MW turbines at the Nordergründe project in 2016 and at the Nordsee One project in 2017.</p> <p>In May 2017, Senvion was awarded the contract for the German Trianel Windpark Borkum II project.</p> <p>In April 2018, Senvion secured funding for development of its planned next-generation 10MW-plus offshore wind turbine.</p>	<p>Direct contact</p> <p>Email: supplychain@senvion.com</p>	Senvion website

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In April 2019, the company sought help. It claimed it needed £90 million to continue its activities. It is now in discussions with potential buyers.</p> <p>In August 2019, the company announced it received several offers for different core parts of its business and that it is finalising the sale of these. In October 2019, it agreed to sell all of its intellectual property, most of its onshore servicing operations, and a blade factory to Siemens Gamesa Renewable Energy (SGRE).</p> <p>In January 2020, SGRE completed the acquisition of insolvent Servion's European service assets and intellectual property.</p>		
Siemens Gamesa Renewable Energy (SGRE)	Offshore wind Onshore wind	Key supplier (wind turbine supplier)	<p>SGRE is a leading international manufacturer of onshore and offshore wind turbines and has part ownership in several offshore wind projects. The company was formed by a merger of Siemens and Gamesa in April 2017.</p> <p>The first wind turbine blades manufactured at Siemens Gamesa blade factory in Hull were despatched to the Race Bank wind farm in July 2017.</p> <p>In January 2017, Siemens installed the SWT-8.0-154 at the national test centre in Østerild, Denmark.</p> <p>In November 2017, the company was contracted to supply 8MW turbines for the Danish Kreigers Flak offshore wind project.</p> <p>In February 2018, SGRE was contracted by Ørsted to supply 8MW turbines for Hornsea Project Two.</p> <p>In 2019, Siemens Gamesa finished supplying turbines for the Beatrice and East Anglia ONE wind farms.</p> <p>In January 2019, it introduced the SG 10.0-193 DD.</p>	<p>Direct contact</p> <p>Email: procurement@siemensgamesacorp.com</p> <p>Supplier information on SGRE website</p>	<p>SGRE website</p> <p>SGRE supplier information</p> <p>SGRE code of conduct for suppliers</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>174 Siemens Gamesa SWT-7.0-154 turbines are currently being installed at the Hornsea Project One wind farm.</p> <p>SGRE's main blade manufacturing location is at Hull. In November 2019, SGRE completed construction of a nacelle factory in Turkey.</p> <p>In October and November 2019, SGRE won several turbine supply contracts for global projects. This includes the Formosa 2 project in Taiwan, the Hywind Tampen project in Norway and the Hollandse Kust Zuid projects in the Netherlands.</p> <p>SGRE unveiled an 11MW version of its offshore wind turbine in November 2019.</p> <p>In December 2019, SGRE announced plans to construct a new turbine factory at the Port of Le Havre in France. Construction is scheduled to start in mid-2020 with commissioning expected at the end of 2021.</p> <p>In January 2020, SGRE completed the acquisition of insolvent Servion's European service assets and intellectual property.</p> <p>In March 2020, Ørsted selected SGRE to deliver SG11.0-200DD offshore wind turbines for the Borkum Riffgrund 3 and Gode Wind projects in Germany.</p> <p>SGRE announced its new 14MW turbine, the SG14.0-222DD. It is currently the largest turbine of any manufacturer in development and will be commercially available by 2024.</p> <p>In June 2020, SGRE received a conditional order to supply 100 units of its SG 14-222 DD to RWE's 1.4GW Sofia wind farm.</p>		

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
Siemens Power Transmission	Offshore wind Onshore wind	EPC contractor Key supplier (electrical systems)	<p>Siemens Power Transmission offers EPC contracts for the supply and installation of substations and grid connection services. This includes HVDC and HVAC transmission systems, offshore grid access solutions and high voltage substations.</p> <p>In September 2018, Siemens Power Transmission won a contract to supply the onshore substation as well as the two Offshore Transmission Modules (OTM) to the Moray East offshore wind farm. The first OTM was delivered in October 2019.</p> <p>In December 2018, the company was awarded a similar contract for the Moray East offshore wind farm.</p>	Direct contact and supply chain fairs and events. After discussions with Supply Chain Management, potential suppliers will be invited to register on SCM STAR procurement portal.	Siemens supplier portal Siemens supplier registration information Siemens code of conduct
Sif Group	Offshore wind	Key supplier (foundations)	<p>Sif Group is a Dutch manufacturer of steel tubular structures. Its primary activity in the offshore wind industry is the production of monopile foundations and pin piles for jacket foundations. Sif Group and Smulders Projects often partner on offshore wind projects.</p> <p>In September 2017, the Sif-Smulders JV was selected to manufacture 90 monopiles and transition pieces as well as two foundations for offshore substations for the Triton Knoll offshore wind farm.</p> <p>In March 2020, Sif signed a final contract with Kajima Corporation to deliver monopiles and transition pieces for the Akita-Noshiro offshore wind project in Japan.</p> <p>In May 2020, Sif Group signed an agreement with Siemens for marshalling activities at its Maasvlakte site in Rotterdam. The new contract will start in 2021 and run until 2023.</p>	Direct contact Email: info@sif-group.com	Sif Group website

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			In July 2020, Sif Group launched their Skybox with all the functionalities of the transition piece onto the monopile in one lift.		
SLP Sembmarine	Offshore wind	Key supplier (substation topside)	<p>SLP Sembmarine is a fabricator of large offshore structures based in Lowestoft. Its primary activity in the offshore wind industry is the assembly of HVAC substations. The company is a subsidiary of SembCorp Industries, which is a listed multinational conglomerate.</p> <p>It manufactured the offshore substation topside and foundation for the Dudgeon project in the UK, and also manufactured the topside for the Thanet project.</p>	<p>Direct contact</p> <p>Phone: +44 (0) 1502 548000</p> <p>Email: info@sembmarineslp.com</p> <p>Stephen Powley (Procurement Manager)</p> <p>Email: stephen.powley@sembmarineslp.com</p>	SLP Sembmarine website
Smulders	Offshore wind	Key supplier (transition pieces)	<p>Smulders Projects is a fabricator of large offshore structures based in Antwerp. Its primary activity in the offshore wind industry is the manufacture of monopile transition pieces and jackets. The company is a division of the Smulders group, which is owned by the listed construction company, Eiffage. Smulders Projects is also active in the oil and gas market and produces complex steel structures for onshore infrastructure. Sif Group and Smulders Projects often partner on offshore wind projects.</p> <p>In 2016, Smulders opened a production facility for jacket foundations in Newcastle.</p> <p>In September 2017, the Sif-Smulders JV was selected to manufacture 90 monopiles and transition pieces as well as two foundations for offshore substations for the Triton Knoll offshore wind farm.</p>	<p>Direct contact</p> <p>Email: info@smulders.com</p>	Smulders website

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In November 2018, the Smulders-ENGIE Fabricom consortium won a contract to manufacture two Offshore Transformer Modules (OTM) for the Triton Knoll project.</p> <p>In December 2018, Smulders was part of a larger consortium to provide two substations for the SeaMade wind farms in Belgium.</p> <p>In March 2020, Smulders confirmed it had won the contract to fabricate 55 jacket foundations for EDPR's 950MW Moray East offshore wind farm off Scotland.</p> <p>In July 2020, TenneT selected joint venture ENGIE Fabricom – lemants (a subsidiary of Smulders) to construct an offshore transformer station for the Hollandse Kust Noord wind farm zone.</p> <p>In September 2020, lemants and ENGIE Solutions won a contract to construct an offshore substation for the Saint Briec offshore wind farm.</p>		
SSE Renewables	Offshore wind Onshore wind	Developer/ Owner	<p>In the UK, SSE Renewables is a partner in the Beatrice and Seagreen Phase One projects. The latter submitted a bid in the 2019 CfD third allocation round, resulting in a CfD secured for the first 454MW of the project.</p> <p>In 2017, the Forewind consortium developing the Dogger Bank Round 3 projects rearranged its shares. Equinor and SSE Renewables own 50% each in Dogger Bank Creyke Beck A and B, and Dogger Bank Teesside A. All three projects were successful in the CfD third allocation round in 2019. SSE Renewables also owns the Greater Gabbard and Galloper offshore wind farms, in partnership with Innogy. In October 2018, SSE Renewables announced that it is planning to extend the existing 504MW Greater Gabbard offshore wind farm by over 500MW.</p>	<p>Online registration form verified by Achilles. Announcements of tender opportunities are made via Open4Business Highlands and Islands portal.</p> <p>Company specific supplier registration system (SRS) used to register companies and services for opportunities that may not be subject to EU procurement rules.</p>	<p>SSE website</p> <p>SSE supplier registration information</p> <p>SSE supplier registration (SRS) form</p> <p>SSE tender opportunities:</p> <p>O4B Highlands & Islands</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>The Arklow Bank Phase 2 wind farm off the east coast of Ireland is also being developed by SSE Renewables with commissioning expected in 2024.</p> <p>In May 2020, SSE Renewables and Equinor, announced plans to build a new operations and maintenance base at the Port of Tyne for the Dogger Bank Wind Farm.</p> <p>In July 2020, SSE announced plans to build the 520MW Arklow Bank project offshore wind farm off Ireland by 2025.</p> <p>In September 2020, SSE sold its 25.1% non-operating stake in Walney Offshore Wind Farm to Greencoast Wind for £350 million.</p> <p>Also in September 2020, SSE Renewables and RWE Renewables signed an Agreement for Lease with UK seabed managers The Crown Estate, securing an option to extend the Greater Gabbard wind farm.</p>		
ST³ Offshore	Offshore wind	Key supplier (foundations and transition pieces)	<p>ST³ Offshore is a Polish manufacturer of offshore steel structures. Its primary activity in the offshore wind industry is the production of monopile transition pieces and jacket structures. ST³ Offshore was formed from part of Bilfinger in 2016. In March 2020, ST³ was declared bankrupt.</p> <p>In December 2016, it was awarded a contract to supply jacket foundation to the Hornsea One offshore wind farm.</p> <p>In 2018, the company embarked on a restructuring programme to allow it to settle outstanding debts.</p>	<p>Tenders listed via website</p> <p>Direct contact</p> <p>Email: info@st3-offshore.com</p>	<p>ST3-offshore website</p> <p>ST3 Offshore open tender portal</p>

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
Steelwind Nordenham	Offshore wind	Key supplier (foundations and transition pieces)	<p>Steelwind Nordenham is a manufacturer of steel tubular structures based in Nordenham, Germany. Its primary activity in the offshore wind industry is the production of monopile foundations. The company is a subsidiary of Dillinger Hütte, which is a listed supplier of heavy plate steel. The company is focused on the offshore wind industry.</p> <p>In June 2019, the company won a contract to supply monopiles to the Yunlin project in Taiwan.</p> <p>In July 2020, Parkwind signed a contract with Steelwind for the fabrication of the monopile foundations for the Arcadis Ost 1 offshore wind farm.</p>	<p>Online registration via Achilles</p> <p>Direct contact</p> <p>Email: sales@swn.dillinger.biz</p>	<p>Steelwind Nordenham website</p> <p>Achilles platform</p>
Subsea 7 (now Seaway 7)	Offshore wind	Key supplier (installation services)	<p>The Subsea 7 Group, based in Luxembourg, acquired Seaway Heavy Lifting (SHL) in 2017 and Seaway Offshore Cables (previously Siem Offshore Contractors) in 2018. Both now operate under Seaway 7, the Renewables & Heavy Lifting business unit of Subsea 7.</p> <p>Seaway Heavy Lifting is an offshore contractor and vessel owner. Its primary activity in the offshore wind industry is the installation of foundations and offshore substations. The company has a strong background in the oil and gas industry.</p> <p>In 2017, Seaway Heavy Lifting (SHL) began installation of the jacket foundations at the Beatrice project.</p> <p>In Summer 2018, SHL installed the East Anglia ONE offshore substation.</p> <p>Seaway Offshore Cables (SOC) installs array and export cables. The company has delivered array and export cables on an EPCI basis as well as installation-only services.</p> <p>In April 2018, SOC (Siem Offshore Contractors, at the time) and two of its vessels were acquired by the Subsea7 Group.</p>	<p>Direct contact via contact form</p>	<p>Subsea7 website</p> <p>Seaway Heavy Lifting website</p> <p>Seaway Offshore Cables website</p> <p>Subsea7 contact form</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>In July 2019, Seaway 7 (unit of Subsea 7), was awarded an inter-array cable installation contract for the Hornsea Project Two wind farm.</p> <p>In October 2019, Subsea 7 won a contract to install the submarine cable systems for an unnamed project in Taiwan. In the same month it won the cable installation contract for the Hywind Tampen project in Norway and its subsidiary, Seaway 7, won the foundation installation contract for the Formosa 2 project in Taiwan.</p> <p>In October 2019 it acquired Norwegian technology provider 4Subsea.</p> <p>In April 2020, Subsea 7 won a “sizeable contract” (between \$50 million and \$150 million), for work on the Kaskasi offshore wind farm project.</p> <p>Also in April 2020, it announced it had won a contract from Vattenfall to transport and install monopiles and array cables for the Hollandse Kust Zuid 1-4 offshore wind farm project.</p> <p>In June 2020, SSE Renewables awarded Subsea 7 with a contract for the EPCI of the foundations and inter-array cables for the Seagreen Phase One offshore wind farm.</p> <p>In July 2020, Subsea 7 secured a contract for the installation of the submarine cable system at an undisclosed offshore wind project in Taiwan.</p>		
Vattenfall	Offshore wind Onshore wind	Developer/ Owner	<p>Swedish utility Vattenfall wholly owns Kentish Flats 2, the 92MW European Offshore Wind Deployment Centre project off the coast of Aberdeen and the Thanet offshore wind farm. An extension of the Thanet wind farm is planned.</p> <p>Vattenfall is also the sole owner and developer for the 1800MW Norfolk Vanguard and 1800MW Norfolk Boreas</p>	'Vattenfall Supplier Bank' supplier database, company website, direct contact and track record in UK.	Vattenfall website Vattenfall supply chain information

Supplier registration support

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
			<p>projects. These are expected to be operational by mid to late 2020s.</p> <p>In November 2016, Vattenfall won the tender for the 600MW Danish Kriegers Flak project at 49.9€ per MWh. It will also build two near-shore Danish projects with a combined capacity of 350MW.</p> <p>In March 2018, it secured the permit for Hollandse Kust Zuid 1 and 2, the first zero-subsidy offshore wind farm in the Netherlands.</p> <p>In February 2019, Vattenfall announced it plans to invest €2.3 billion in onshore and offshore wind power in 2019 and 2020.</p> <p>In July 2019, the company won the offshore wind tender for Hollandse Kuist Zuid 3 and 4, which will be developed and built without subsidy. FID on Hollandse Kuist Zuid was announced in June 2020. The following month, Vattenfall inaugurated the Horns Rev 3 offshore wind farm in Denmark.</p> <p>In February 2020, The Danish Energy Agency granted an environmental permit for the Kriegers Flak offshore wind farm, formally approving Vattenfall's 605MW project in the Danish Baltic Sea.</p> <p>In June 2020, the UK government rejected Vattenfall's Thanet Extension offshore wind project.</p> <p>Vattenfall won approval for the 1.8GW Norfolk Vanguard offshore wind farm in July 2020, but this has since been legally challenged and will be heard by the High Court in 2021.</p>		<p>Vattenfall supplier registration (Supplier Bank)</p> <p>Vattenfall code of conduct for suppliers</p>
Van Oord	Offshore wind	EPC contractor	<p>Van Oord is a Dutch provider of offshore contracting and services. Its primary activity in the offshore wind market is the installation of turbines, foundations and export and array cables.</p>	<p>Van Oord uses an electronic pre-qualification system to register and monitor its suppliers and subcontractors.</p>	<p>Van Oord website</p>

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
		<p>Key supplier (installation services)</p> <p>Minor Developer / Owner</p>	<p>In January 2017, Van Oord was contracted to install foundations at East Anglia ONE offshore wind farm.</p> <p>In April 2018, Van Oord was part of a consortium (Witwind consortium, along with Shell and Eneco) that won the right to develop the Borssele 5 offshore wind zone in the Netherlands. At the same time, Van Oord sold its 10% stake in the Dutch Gemini project.</p> <p>In October 2018, Van Oord completed the acquisition of MPI Offshore from Vroon Group and one of its wind turbine installation vessels.</p> <p>Van Oord have also been awarded contracts to install the array cables for Borssele 1 and 2 in the Netherlands.</p> <p>In January 2020 Van Oord and Saare Wind Energy entered into an agreement to jointly develop the Saaremaa offshore wind project in Estonia.</p> <p>Also in January, 2020, Van Oord and NYK signed a MoU to jointly own and operate offshore wind installation vessels under the Japanese flag.</p> <p>In April 2020, Van Oord signed a preparatory works agreement with Iberdrola for the installation of 62 jacket foundations at the 496 MW Saint-Brieuc offshore wind farm in France.</p> <p>In July 2020, Van Oord won the contract to construct the 759MW Hollandse Kust Noord offshore wind project in the Dutch North Sea.</p>		<p>Van Oord supplier information</p> <p>Van Oord supplier registration</p>

Supplier registration support

Offshore wind farms listed in Table 2 are those that contain their own supplier registration sites set up by their developers/owners to support the projects supply chain. If there is not a project specific useful link listed here, the company useful links in Table 1 are the ones to use.

Table 2 Offshore wind project specific websites or registration sites.

Offshore wind project	Developers / owners	Joint venture name	Procurement requirements	Useful links	Notes on project progression
Beatrice (588MW)	Copenhagen Infrastructure Partners (CIP) Red Rock Power SSE Renewables	Beatrice Offshore Wind Limited	Registration with Achilles, supply chain events with Open4Business. Direct contact Email: noel.cummins@sse.com Also see SSE Renewables entry in Table 1.	Beatrice website Also see SSE Renewables entry in Table 1.	Capacity reduced to 588MW capacity (was 664MW). Project was awarded FIDER contract in 2013. In May 2016, the project reached FID. Key supplier contracts placed in Q2 and Q3 2016. Onshore construction began in October 2016. Offshore construction began in April 2017 and the project was fully commissioned in May 2019.
Dogger Bank A (1,200MW), Dogger Bank B (1,200MW), Dogger Bank C (1,200MW)	Equinor SSE Renewables	Dogger Bank Offshore Wind Farm Project 1 Projco Ltd Dogger Bank Offshore Wind Farm Project 2 Projco Ltd Dogger Bank Offshore Wind Farm Project 3 Projco Ltd	Equinor: Company website, subscription to pre-qualification systems as applicable, e-Sourcing portal. Equinor also undertake regular supplier market analysis to identify potential suppliers. The main sourcing method is through competitive tendering. Equinor recommends registering with UVDB for UK opportunities in generation and distribution of electricity. Suppliers that are invited by Equinor will require registration on the e-sourcing portal. SSE:	Dogger Bank Wind Farms website Equinor supplier information Equinor supplier contact form SSE supplier registration information SSE supplier registration (SRS) form	The three projects were initially called Dogger Bank Creyke Beck A, Creyke Beck B and Teeside A, but have since been renamed Dogger Bank A, B and C respectively. All three projects are being developed jointly by SSE Renewables and Equinor (prior to that, Statkraft owned a stake in the project). Dogger Bank A and B received consent in February 2015 and Dogger Bank C in August 2018. The three projects were successful in the CfD Round 3 auction. Offshore construction is expected to start in respectively 2023, 2022 and 2024. In May 2020, developers SSE Renewables and Equinor announced plans to build a new operations and maintenance base at the Port of Tyne for the Dogger Bank Wind Farm. In September 2020, Dogger Bank confirmed 190 of GE's 13MW Haliade-X turbine will power the first two phases of the project.

Offshore wind project	Developers / owners	Joint venture name	Procurement requirements	Useful links	Notes on project progression
			<p>Online registration form verified by Achilles. Announcements of tender opportunities are made via Open4Business Highlands and Islands portal.</p> <p>Company specific supplier registration system (SRS) used to register companies and services for opportunities that may not be subject to EU procurement rules.</p>		
Dudgeon (402MW)	Equinor China Resources Masdar	Dudgeon Offshore Wind Limited	<p>Procurement process based on Equinor's procurement principles of competitive tendering. Supplier must be pre-qualified with the appropriate registration system (see Dudgeon supplier registration link) relating to its offering.</p> <p>Also see Equinor entry in Table 1.</p>	<p>Dudgeon website</p> <p>Dudgeon supplier registration form</p> <p>Also see Equinor entry in Table 1.</p>	<p>The project was awarded FIDER contract in 2013. Project met a contractual milestone in May 2015 as part of its FIDER subsidy. Equinor leads the operation of the project and in September 2016, opened an operations centre in Great Yarmouth. In November 2017, the project became fully operational and Transmission Capital Partners was selected as preferred bidder for the ownership and operation of the transmission assets. Statkraft sold its 30% share in the Dudgeon offshore wind farm to China Resources in December 2017. An agreement for lease for the Dudgeon extension was agreed with The Crown Estate in August 2020</p>
East Anglia ONE (714MW)	ScottishPower Renewables Green Investment Group (GIG)		<p>Online registration form</p> <p>Direct contact</p> <p>Email: eastangliasuppliers@scottishpower.com</p> <p>Also see SPR entry in Table 1.</p>	<p>East Anglia website</p> <p>East Anglia supply chain development</p> <p>East Anglia supplier registration</p>	<p>East Anglia ONE secured a CfD in February 2015 for 714MW (previously 1,200MW). In April 2017, several tier 1 supply chain contracts were placed. Foundation installation began in June 2018 and turbine installation started in June 2019. In August 2019, SPR sold a 40% stake of the project to GIG. The same month, first power was generated. Commissioning was completed in July 2020.</p>

Supplier registration support

Offshore wind project	Developers / owners	Joint venture name	Procurement requirements	Useful links	Notes on project progression
				Also see SPR entry in Table 1.	
East Anglia ONE North (800MW), East Anglia TWO (900MW) and East Anglia THREE (1,400MW)	ScottishPower Renewables		<p>Online registration form</p> <p>Direct contact</p> <p>Email: eastangliasuppliers@scottishpower.com</p> <p>Also see SPR entry in Table 1.</p>	<p>East Anglia website</p> <p>East Anglia supply chain development</p> <p>East Anglia supplier registration</p> <p>Also see SPR entry in Table 1.</p>	<p>East Anglia ONE North and TWO are currently in development. The East Anglia THREE project received consent in August 2017.</p> <p>In September 2019, the East Anglia THREE project was unsuccessful in its CfD Round 3 allocation bid.</p> <p>In November 2019, the planning inspectorate accepted an application from developer SPR to combine the East Anglia ONE North, TWO and THREE projects into one single project and SPR has indicated that it will build the project with or without a CfD.</p>
Galloper (353MW)	<p>RWE</p> <p>Siemens Financial Services</p> <p>Green Investment Group</p> <p>ESB</p> <p>Sumitomo Corporation</p>	Galloper Wind Farm Limited	<p>Online registration via Innogy supplier portal.</p> <p>Also see Innogy entry in Table 1.</p>	<p>Galloper website</p> <p>Also see Innogy entry in Table 1.</p>	<p>Final investment decision was made in October 2015. Suppliers with key contracts placed. Anticipated installation in 2017 to achieve ROC subsidy. In March 2017, all foundations had been installed and in April 2017, array cable installation began. The same month, Macquarie Capital Group sold its 12.5% stake in the project to ESB. The project was fully commissioned in April 2018.</p> <p>In February 2020, Galloper Wind Farm sold its transmission assets to Diamond Transmission Partners.</p>
Hornsea Project One (1,218MW)	Ørsted	HORNSEA 1 LIMITED	Online registration via Ørsted supplier portal.	Hornsea Project One website	Hornsea Project One was awarded consent in December 2014 and was successful in the Contracts for Difference (CfD) auction in 2014. FID was made in February 2016. The project was solely owned by

Offshore wind project	Developers / owners	Joint venture name	Procurement requirements	Useful links	Notes on project progression
	Global Infrastructure Partners (GIP)		Also see Ørsted entry in Table 1.	Also see Ørsted entry in Table 1.	Ørsted until September 2018, when 50% was sold to Global Infrastructure Partners (GIP). Turbine installation was completed in October 2019, and the project was fully commissioned in 2020.
Hornsea Project Two (1,386MW)	Ørsted	Breesea Limited	Online registration via Ørsted supplier portal. Also see Ørsted entry in Table 1.	Hornsea Project Two website Also see Ørsted entry in Table 1.	Hornsea Project Two was awarded consent in August 2016. In September 2017, the project was allocated CfD and the final FID was made. Onshore cable works have begun, and offshore construction started in 2020.
Inch Cape (784MW)	Red Rock Power ESB	Inch Cape Offshore Limited	Online contact	Inch Cape website Inch Cape contact form	Inch Cape is an offshore wind project in Scotland. It received consent in 2014. In August 2018, it filed a new consent application to Marine Scotland. The project unsuccessfully bid into CfD Round 3 in Spring 2019. Red Rock may choose to build the project without a CfD. Inch Cape is currently reviewing opportunities to maximise the development's potential. In November 2020 it was announced that ESB has purchased a 50% stake in the project from previous sole owner Red Rock Power.
Moray East (950MW) and Moray West (850MW)	EDPR China Three Gorges ENGIE Diamond Generating Europe (Mitsubishi Corp.)	Moray Offshore Renewables	Online registration form Also see EDPR entry in Table 1.	Moray East website Moray West website Moray East supplier registration	EDPR acquired Repsol's share of the Moray East project to own 100% in July 2015. In September 2017, Moray East was one of three offshore wind projects to secure a CfD in the CfD2 round. A series of sales and acquisitions in 2017 and 2018 resulted in the current ownership share of the wind farm. Offshore construction started in May 2019, with the foundations currently being installed. The project should be fully commissioned in Q3 2021. EDPR received consent for Moray West in June 2019. The project was not successful in the CfD Round 3 auction. It may choose to build the project without a CfD.

Supplier registration support

Offshore wind project	Developers / owners	Joint venture name	Procurement requirements	Useful links	Notes on project progression
	Kansai Electric Power Mitsubishi UFJ Lease and Finance (Mitsubishi Corp.)			Moray West supplier registration Also see EDPR entry in Table 1.	
Neart na Gaoithe (448MW)	EDF Energy Renewables	Neart na Gaoithe Offshore Wind Limited	Online registration form Also see EDF EN entry in Table 1.	Neart na Gaoithe website Neart na Gaoithe supplier registration Also see EDF EN entry in Table 1.	Neart na Gaoithe secured a CfD in February 2015 for 448MW. Previous project owner Mainstream Renewable Power had faced ongoing legal appeals from the RSPB against the consent decision, but the legal status was resolved in December 2017. Mainstream announced the use of Siemens' new offshore transmission module, meaning it will be the first offshore wind project that does not require a dedicated heavy offshore substation topside and foundation. The project was acquired by EDF in May 2018. Construction began in November 2019 with offshore construction starting in August 2020.
Norfolk Boreas (1,800MW) and Norfolk Vanguard (1,800MW)	Vattenfall		Online registration form (See Vattenfall entry in Table 1) Direct contact. Initial questions about supply chain opportunities: Phone: +44 (0) 1603 567995 Email: info@norfolkvanguard.co.uk / info@norfolkboreas.co.uk Also see Vattenfall entry in Table 1.	East Anglia Norfolk Vanguard website East Anglia Norfolk Boreas website Also see Vattenfall entry in Table 1.	In February 2016, Vattenfall acquired a 'Project Specific Agreement' from The Crown Estate for the East Anglia Norfolk Vanguard and sister project Norfolk Boreas. In May 2017, Fugro started sea bed surveys as part of the development of the project site. In Q4 2017, Vattenfall undertook public consultations and began early project design. Both projects applied for consent. The planned dates for the start of offshore construction for Norfolk Boreas and Norfolk Vanguard are 2025 and 2023 respectively. The deadline for the close of the examination period for Norfolk Boreas offshore wind farm was been pushed back to 12 October 2020. In 2020, the (delayed) consent decision was made in Vattenfall's favour. In October 2020, The High Court accepted a judicial review of Vanguard's approval and the review is expected to be heard in early 2021.

Offshore wind project	Developers / owners	Joint venture name	Procurement requirements	Useful links	Notes on project progression
Seagreen Phase One (1,075MW)	SSE Renewables	SeaGreen Wind Energy Limited	<p>Online registration form</p> <p>Direct contact</p> <p>Email: info@seagreenwindenergy.com</p> <p>Also see SSE Renewables entry in Table 1.</p>	<p>SeaGreen Wind Energy website</p> <p>SeaGreen Wind Energy supplier registration</p> <p>Also see SSE Renewables entry in Table 1.</p>	<p>Seagreen Phase One was initially split into two phases: Alpha and Beta. The project received consent by Marine Scotland in October 2014. In November 2017, the project was cleared for construction following a long-running legal challenge to its consent by the RSPB. SSE aims to alter its original consent to allow for fewer, larger turbines to be installed at the site. SSE became the sole owner of Seagreen Phase One offshore wind farm by buying Fluor's stake in September 2018. In September 2019, it was announced that the 454MW of the Phase One Alpha project was successful in the CfD Round 3 auction, but all 1,075MW of Phase One will be built. Offshore construction is due to begin in early 2021.</p>
Seagreen Phase Two (now Berwick Bank)	SSE Renewables	Berwick Bank Offshore Windfarm	<p>Online registration form verified by Achilles. Announcements of tender opportunities are made via Open4Business Highlands and Islands portal.</p> <p>Company specific supplier registration system (SRS) used to register companies and services for opportunities that may not be subject to EU procurement rules</p>	<p>SSE website</p> <p>SSE supplier registration information</p> <p>SSE supplier registration (SRS) form</p>	<p>Formerly known as Seagreen Two, Berwick Bank wind farm is in the early stages of development. Onshore and offshore Environmental Impact Assessment (EIA) Scoping Reports have been submitted to Marine Scotland and East Lothian Council. A range of onshore and offshore studies and surveys are being completed to inform these reports. Geophysical surveys have been completed for the main wind farm area. Aerial surveys commenced in March 2019 and will continue until April 2021. Floating LiDAR and three metocean buoys have been deployed to collect wind speed, wind direction data and wave height data.</p> <p>SSE Renewables has various surveys planned over 2020 and 2021, including onshore surveys such as environmental surveys, ground investigation, topographical, and transport access surveys. Offshore surveys to complete include the geotechnical investigation. Benthic habitat surveys to understand the ecology of the seabed will also be carried out. Nearshore, an additional geophysical survey will be undertaken on landfall options.</p>

Supplier registration support

Offshore wind project	Developers / owners	Joint venture name	Procurement requirements	Useful links	Notes on project progression
Seagreen Phase Three (now Marr Bank)	SSE Renewables	Marr Wind Farm	<p>Online registration form verified by Achilles. Announcements of tender opportunities are made via Open4Business Highlands and Islands portal.</p> <p>Company specific supplier registration system (SRS) used to register companies and services for opportunities that may not be subject to EU procurement rules</p>	<p>SSE website</p> <p>SSE supplier registration information</p> <p>SSE supplier registration (SRS) form</p>	<p>Formerly known as Seagreen 3, Marr Bank wind farm is in the early stages of development. Onshore and offshore Environmental Impact Assessment (EIA) Scoping Reports have been submitted to Marine Scotland and East Lothian Council. A range of onshore and offshore studies and surveys are being completed to inform these reports. Geophysical surveys have been completed for the main wind farm area. Aerial surveys commenced in March 2019 and will continue until April 2021. Floating LiDAR and three metocean buoys have been deployed to collect wind speed, wind direction data and wave height data.</p> <p>SSE Renewables has various surveys planned over 2020 and 2021, including onshore surveys such as environmental surveys, ground investigation, topographical, and transport access surveys. Offshore surveys to complete include the geotechnical investigation. Benthic habitat surveys to understand the ecology of the seabed will also be carried out. Nearshore, an additional geophysical survey will be undertaken on landfall options.</p>
Sofia (1,400MW)	RWE		<p>Online registration form</p> <p>Also see Innogy entry in Table 1.</p>	<p>Sofia website</p> <p>Sofia supplier registration form</p> <p>Also see Innogy entry in Table 1.</p>	<p>Sofia (previously called Dogger Bank Teeside B) is the fourth project in the Dogger Bank offshore wind development zone. The project was originally jointly owned by Equinor (then Statoil), SSE and Innogy. However, Innogy became the sole owner of the project in August 2017. The project is being developed with a capacity of 1,400MW. Consent has been approved and the project was successful in securing a CfD in the Spring 2019 auction. Construction is expected to start in 2021.</p>
Triton Knoll (857MW)	RWE J-Power	Triton Knoll Offshore Wind Farm Limited	<p>Online registration form</p> <p>Triton Knoll has produced a brochure which outlines the areas the project and its contractors</p>	<p>Triton Knoll website</p>	<p>In September 2016, the project received offshore consent adding to its onshore consents. Triton Knoll was one of three offshore wind projects to secure a CfD in the second allocation round in September 2017. In October 2017, Innogy became the sole owner when it</p>

Offshore wind project	Developers / owners	Joint venture name	Procurement requirements	Useful links	Notes on project progression
	Kansai Electric Power		would be looking to engage with local businesses. Also see Innogy entry in Table 1.	Triton Knoll supplier registration Also see Innogy entry in Table 1.	acquired Statkraft's 50% share in the project. In September 2018, the project reached FID and gained investment from two Japanese utilities, J-Power (25%) and Kansai (16%). Offshore construction started in early 2020. Full commissioning is expected in 2021.

Table 3 UK medium onshore (100kW><500kW) wind manufacturers or agents.

Manufacturer / agent	Supplier of / agent for	Useful links
Aeolus Power	Business only provides commercial maintenance services	Aeolus Power website
Earthmill	Northern Power Systems NPS 60C-24, NPS 100C-21 100kW, NPS 100C-24 100kW EWT DW54-500kW	Earthmill website
EWT UK	DW52/54/58/61-500kW, DW61-750kW, DW52/54/61-900kW, DW58/61-1.0MW	EWT website
Green Energy Wind	Northern Power Systems NPS 100-21 100kW, NPS 100-24 100kW SRC Green Power-250kW	Green Energy Wind website
Vergnet	Vergnet GEV MP-R range (200kW to 275kW), Vergnet GEV MP-C range (200kW to 275kW)	Vergnet UK website

Table 4 List of OMS suppliers active in the Humber region.

Company name	Sector relevance	Company type	Company brief	Procurement requirements	Useful links
ABB	Offshore wind Onshore wind	Key supplier (OMS) Key supplier (electrical systems)	<p>ABB is a supplier and integrator of electrical components, such as transformers for onshore and offshore substations. It is also a technology leader in connecting wind farms to the grid and offers design, engineering and supply of subsea transmission links. Within OMS, the company provides maintenance, service and repair for electrical systems.</p> <p>In 2015, the company was awarded a two-year contract to undertake maintenance of the offshore wind turbine generators and electrical equipment for the Lynn and Inner Dowsing offshore wind farms.</p>	ABB's process to register and pre-qualify new suppliers onto the Power&Tech SQS Community is operated through Achilles.	ABB supplier registration ABB supplier information ABB code of conduct for suppliers
Boskalis (now including VBMS)	Offshore wind	Key supplier (OMS) EPC contractor	<p>Boskalis is a provider of offshore contracting and services . It is a listed Dutch company. It has experience working on the West of Duddon Sands projects installing foundations. In March 2016, it acquired the remaining offshore activities of VolkerWessels, including VBMS, which will supply array cable installation for the East Anglia ONE project.</p> <p>Boskalis provide subsea inspection, repair and maintenance. It is active on the Dudgeon, Lincs and Westermost Rough offshore wind farms following its cable repair framework agreement with Offshore Transmission Owner (OFTO) Transmission Capital Partners (TCP).</p>	<p>Supply chain events, direct contact with procurement department:</p> <p>Phone: +31 (0) 78 696 9000</p> <p>Email: customersupport@boskalis.com</p>	Boskalis website Boskalis code of conduct Boskalis purchasing terms and conditions
Briggs Marine	Offshore wind	Key supplier (OMS)	<p>Based in Fife, the company has a strong presence in the oil and gas sector and has diversified into offshore wind.</p> <p>Briggs Marine vessels support both the construction and operational phases of offshore wind projects. Within OMS for its primary activity is providing specialised cable repair vessels.</p>	<p>Direct contact</p> <p>Phone: +44 (0) 1592 872939</p>	Briggs Marine website Contact Briggs Marine

Supplier registration support

			In 2015, the company was awarded an eight-year framework agreement (five years with a possible three-year extension) with Ørsted. The remit included nine offshore wind farms in the UK (including Lincs, Race Bank and Westermost Rough), five in Denmark and four in Germany.		
DeepOcean	Offshore wind	EPC contractor Key supplier (installation services)	DeepOcean provides installation as an EPCI main contractor or as a nominated subcontractor for individual work packages. It has a fleet of 16 vessels and 40 ROVs. Within OMS, DeepOcean provide subsea inspection, maintenance and repair (IMR) services. It is not yet active as an OMS contractor on a Humber region project but does provide cable installation warranty for the Race Bank offshore wind farm.	Formal vendor approval process called the 'DeepOcean Vendor Accreditation Programme'. A profiling questionnaire must be completed. Direct contact Phone: +44 (0)132 539 0500 Email: supplychain@deepoceangroup.com	DeepOcean website DeepOcean supplier registration
ENGIE Fabricom	Offshore wind Onshore wind	Key supplier (OMS) Key supplier (substation topside)	ENGIE Fabricom, a subsidiary of ENGIE (formerly GDF Suez), which is a listed multinational utility and contractor, is a construction contractor. Within OMS, its primary activity in inspection and repair services across the wind farm, specialising in foundations. In February 2015, ENGIE Fabricom was awarded two long-term framework agreements for the provision of mechanical and general electrical services, major works and repair for the Lynn and Inner Dowsing offshore wind farms.	Direct contact Email: group-purchasing-communication@engie.com	ENGIE Fabricom website ENGIE Procurement information
ESVAGT	Offshore wind	Key supplier (OMS)	ESVAGT is a Danish ship owner and operator and now specialises in providing purpose-built service operation vessels (SOV) and crew transfer for the offshore wind industry. ESVAGT vessels are suitable for the maintenance of blades, ROV inspection and survey activities.	Direct contact via contact form	ESVAGT contact form ESVAGT Procurement and logistics

			<p>ESVAGT diversified from oil and gas into renewables. It currently has five operational SOVs and is building four more for MHI Vestas; these are planned for delivery between 2019 and 2021.</p> <p>In 2014, Equinor awarded ESVAGT a contract for SOV maintenance, creating a purpose-built vessel. The contract started in 2016 and lasts for five years with the chance to extend. The company is therefore active on the Dudgeon offshore wind farm.</p> <p>In January 2020, Ørsted, Siemens Gamesa and ESVAGT announced they are developing a solution to deliver spare parts and tools from service operations vessels (SOVs) to turbines using drones.</p> <p>In March 2020, Innogy chartered the SOV ESVAGT Froude to provide offshore accommodation to the construction management team working on the Triton Knoll wind farm located off the Lincolnshire coast.</p> <p>In May 2020, ESVAGT announced a strategy to reduce costs due to decreasing energy prices and the impact of COV-19. Measures include pay cuts, reductions in investment and delays to the delivery of three new SOVs.</p>		ESVAGT General purchasing conditions
Fred. Olsen Windcarrier	Offshore wind	<p>Key supplier (OMS)</p> <p>Key supplier (installation services)</p>	<p>Fred. Olsen Windcarrier is a Norwegian marine contractor and provides installation and OMS services.</p> <p>In July 2019, Fred. Olsen Windcarrier and Ørsted signed a contract for the chartering of jack-up vessels when major components replacement is required in any of Ørsted's operating offshore wind farms in the UK (including the Lincs, Race Bank and Westermost Rough projects), Germany and Denmark.</p>	Vendor portal	<p>Fred. Olsen Windcarrier vendor portal</p> <p>Fred. Olsen Windcarrier Code of Conduct</p> <p>Fred. Olsen Windcarrier Standard purchasing conditions</p>
Global Marine Group	Offshore Wind	Key supplier (OMS)	The Global Marine Group, with headquarters in Chelmsford and a local office in Grimsby, has a background working in renewables, telecommunications and oil & gas.	Direct contact (telephone and via contact form)	Global Marine website

Supplier registration support

		<p>It offers fully integrated solutions for offshore projects. Within OMS, its primary activity is as a ship owner and operator specialising in wind turbine maintenance and cable repair.</p> <p>In June 2016, E.ON awarded CWind (now part of Global Marine Group) the annual inspection and repair services required for Humber Gateway's 73 turbines and offshore substation.</p> <p>In May 2018, Transmission Capital Partners signed a five-year agreement with CWind for a cable repair framework. This will support TCP as an offshore transmission owner (OFTO) for Dudgeon, Gunfleet Sands, Ormonde, Robin Rigg, Lincs and Westermost Rough.</p> <p>In June 2019, Global Marine signed a cable framework agreement with Ørsted for all its UK offshore wind farms.</p> <p>In January 2020, private equity investment firm, J.F. Lehman & Company acquired Global Marine Group.</p> <p>In February 2020, Global Marine Group added a new installation and construction vessel to its fleet - The Normand Clipper, on long-term charter from Solstad Offshore.</p> <p>In March 2020, Global Offshore, part of the Global Marine Group, secured a contract with Grupo Cobra for cable installation and burial at the Kincardine floating wind farm in Scotland.</p> <p>In April 2020, CWind, part of the Global Marine Group, was awarded a three-year contract by ScottishPower Renewables to work on the 714-MW East Anglia ONE offshore wind farm in the UK waters. CWind will provide below water services, including subsea maintenance of the foundations and offshore substation, subsea surveys and any corrective maintenance, as well as pre-engineering studies.</p>	<p>Phone: +44 (0)1245 702000</p>	<p>Global Marine contact form (go to Contact)</p>
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HBC Offshore Solutions	Offshore wind	Key supplier (OMS)	<p>HBC offers a wide range of services for operational projects. Their primary activity is subsea inspection campaigns.</p> <p>It is a Danish company who have opened offices in the UK to be closer to the market. HBC have recently completed a subsea inspection campaign on four of Ørsted's offshore wind projects as well as Rampion for E.ON.</p> <p>HBC Offshore was awarded a contract to provide subsea OMS at the Race Bank offshore wind farm.</p> <p>In April 2020, Ørsted awarded HBC Group a further contract to conduct subsea inspection campaigns the fifth successive year the company has been awarded work by the offshore wind developer</p>	Direct contact through online form	HBC Offshore website Contact HBC Offshore
James Fisher Marine Services (JFMS)	Offshore Wind	Key supplier (OMS)	<p>Cumbria based JFMS provides marine services in construction and maintenance of large infrastructure projects. It has expanded their services offered in offshore wind through multiple acquisitions. It now provides a comprehensive range of marine services. In OMS this is primarily focused on inspection, repair and maintenance of offshore wind farms, including blades and subsea elements through rope access and diving respectively.</p> <p>JFMS was hired by E.ON to complete a sea bed survey and inspection of Humber Gateway and in March 2018 ordered an offshore wind management system for three years for the same offshore wind farm.</p> <p>In July 2016, EDF awarded a three-year contract to EDS (a JFMS subsidiary) for the OMS of Teesside's high voltage network. This contract could be extended for a fourth year.</p> <p>In March 2017, James Fisher acquired Rotos 360, specialising in repair and maintenance of wind turbine blades.</p>	Direct contact Phone: +44 (0) 1229 615 400	Contact JFMS

Supplier registration support

			<p>In December 2019 JFMS won a three year contract to perform scheduled maintenance for the East Anglia ONE project</p> <p>In May 2020, Vattenfall signed a Framework Agreement with JFMS to provide up-tower blade maintenance and repair at the company's wind farms for a minimum period of two years.</p>		
MHI Vestas Offshore Wind	Offshore wind	<p>Key supplier (OMS)</p> <p>Key supplier (wind turbine supplier)</p>	<p>MHI Vestas Offshore Wind (MVOW) is a leading international manufacturers of offshore wind turbines. MVOW provides an initial warranty as standard, ensuring that it supervise the initial OMS of the wind turbine.</p>	Online registration form	<p>MVOW website</p> <p>MVOW supplier registration</p>
Petrofac	Offshore wind	<p>Key supplier (OMS)</p> <p>Key supplier (substation topside and foundation supplier)</p>	<p>Petrofac provides operation and maintenance service in the oil and gas and renewables industries. It also provides substation topsides and foundations to the offshore wind industry. Within OMS, it is mainly involved in training and transmission assets.</p> <p>In 2018, the company was awarded a framework contract for the OMS of all Transmission Capital Partners' transmission assets. This includes the Dudgeon, Lincs and Westermost Rough offshore wind farms.</p> <p>In June 2020, it was awarded the contract to design, build and install the HVAC onshore and offshore substations for the Seagreen offshore wind farm project in Scotland.</p>	Online registration form	<p>Petrofac website</p> <p>Petrofac supplier registration</p>
Siemens Gamesa Renewable Energy	<p>Offshore wind</p> <p>Onshore wind</p>	<p>Key supplier (OMS)</p> <p>Key supplier</p>	<p>Siemens Gamesa Renewable Energy (SGRE) is a leading international manufacturer of onshore and offshore wind turbines. SGRE is the largest turbine manufacturer player in the UK offshore market. Has part ownership in several offshore wind projects. A merger between Siemens and</p>	<p>Direct contact</p> <p>Email: procurement@siemensgamesacorp.com</p>	<p>SGRE website</p> <p>SGRE supplier information</p> <p>SGRE code of conduct for suppliers</p>

		(Wind turbine supplier)	<p>Gamesa obtained EU approval in March 2017 and took effect in April 2017.</p> <p>The company provide a five-year warranty as standard, ensuring that it supervises the initial OMS of the wind turbine. Their expertise the design engineering of the technology often relying on local labour and vessels to complete OMS.</p>	Supplier information on SGRE website	
Tidal Transit	Offshore wind	Key supplier (OMS)	<p>Tidal Transit provides transport and crew transfer services as well as vessel maintenance. It has a fleet consisting of 4 CTVs.</p> <p>The company currently provides CTV supply for the Sheringham Shoal offshore wind farm but is also present on other projects outside of the Humber region.</p> <p>In May 2020, Tidal Transit announced it has added two 19m vessels to its fleet to meet increased demand from developers.</p>	Direct contact via online form	Tidal Transit website Contact Tidal Transit
Worley (was 3Sun)	Offshore wind Onshore wind	Key supplier (OMS)	<p>3Sun was acquired by Australian engineering company Worley for £20million in October 2019. The company is based in Great Yarmouth and provides technicians for wind turbine servicing, for both onshore and offshore wind projects. Its primary activity in offshore wind is completing inspection and maintenance of wind turbines. To support this work, the group also offers consultancy services, design engineering and training. It diversified from oil and gas into renewables and is now experienced at managing offshore projects.</p> <p>In July 2014, the company was awarded a three-year operational services contract for the Sheringham Shoal offshore wind farm.</p> <p>In 2015, it was awarded the first 500-hour service for the Westermost Rough project by Siemens.</p>	<p>Direct contact</p> <p>Phone: +44 (0) 1493 666266</p> <p>Email: enquiries@3sungroup.com</p>	Worley website Supplier registration

			In June 2020 Worley won a contract from SGRE for offshore wind-related services at the site of the 630-MW London Array plant in UK waters.		
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