UK – a country with ideal wind resources and major offshore goals presents itself at WindEnergy Hamburg

WindEnergy Hamburg – The global on- & offshore expo at the Hamburg Fair site from 23 to 26 September 2014

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WindEnergy Hamburg will be held from 23 to 26 September, attracting energy experts from all parts of the world. Some 1,000 exhibitors from the global wind industry will present their innovations, new technologies and services on the four days of the expo. This new leading international fair reflects the whole of the value chain, onshore and offshore. The premiere event in Hamburg will include many exhibitors from the UK, plus a national pavilion featuring many more British companies. The British trade and investment organisation UKTI, in association with renewableUK and EIC, supports WindEnergy Hamburg 2014 by hosting a range of activities during the event including receptions, topical forums and an interactive business hub at the UK Pavilion in the exhibition hall.

The United Kingdom enjoys one of Europe’s best onshore and offshore wind resources, and it has the ambition to becoming the world’s offshore wind industry leader. According to statistics of renewableUK, the UK’s renewable energy trade association, 1,075 offshore turbines with a total capacity of 3,653 MW were operational in UK waters in June 2014. The country’s Institute for Public Policy Research (IPPR) observed in a 2013 publication called ‘Pump up the volume’ that all these operational offshore turbines were manufactured elsewhere, concluding: “[…]. Nonetheless, levels of UK content will need to increase in order to realize the economic benefits of the sector in terms of jobs and growth and to maintain political commitment.”

WindEnergy Hamburg exhibitors from the UK include companies active in ‘traditional’ focus areas technology development and specialised consultancy support like drivetrain specialist Romax Technology, and (engineering) consultancy firms Ricardo, Sgurr Energy, and DNV GL. Major installation and maintenance contractors MPI Offshore and Seajacks International will inform visitors to WindEnergy Hamburg about their latest vessel fleets, capabilities and service offerings. This June, Seajacks took delivery of its fourth self-propelled jack-up vessel, the Seajacks Hydra. The company will explain about all-year-round North Sea operation made possible with these new vessels, including strategies for achieving the highest levels of operating up-time. Delivery of the even larger Seajacks Scylla jack-up is planned for 2015.

WindEnergy Hamburg 2014 is also attracting other highly specialised firms like Dynasafe Group, which has specialized in a rather new business field, the clearing of unexploded WWII ordnance at proposed offshore wind farm sites. Another example is Fugro GeoConsulting, a market leader in geo-hazard assessment and geotechnical analysis, while Campbell Scientific will display their latest advances in long-term measuring and monitoring equipment and support.

Hamburg exhibitor Siemens is the first company to make a major investment that will boost the much-desired manufacturing sector. The German engineering giant will establish a nacelle assembly facility and rotor blade manufacturing facility for 6MW SWT-6.0-154 offshore turbines in the Humber river region in East Yorkshire. Tata Steel also manufactures steel components for
offshore foundations in the same region, and supplies steel for the UK offshore industry. The two Siemens facilities together create directly around 1,000 UK jobs and 2-4 times the number in indirect service-related and supply chain type jobs. Tony Flinn, CEO of Humber Renewables, a supply chain promotion organisation and exhibitor at WindEnergy Hamburg, said “Our region offers specific benefits to the offshore wind industry, including adequate port facilities and transport-logistics, a skilled workforce, and relatively short distances from port to major offshore wind farm projects.”

UK visitors at WindEnergy Hamburg 2014 can greatly benefit from a wealth of know-how and wind industry experience displayed by world-leading suppliers and other organizations from manufacturing to specialized consultancy, advanced research and otherwise. The global expo is the showcase for all companies active in international business, and for current and emerging national markets. The great international interest is shown by the presence of global plant manufacturers such as Alstom, Daewoo, Enercon, Gamesa, GE, Nordex, Senvion, Siemens, Vensys, and Vestas. Leading companies from all the relevant market segments will be there – planners, manufacturers, equipment suppliers, financial service providers, operators, energy supply companies, and service providers. Alongside the key players, small and medium-sized enterprises from all parts of the value chain will also be exhibiting in Hamburg.

Altogether, the companies, institutions and industry associations exhibiting here come from more than 30 countries. There will be more than 15 national pavilions, each of them bringing together wind energy companies from a specific country for shared activities to provide information on their product portfolio. They include presentations from European markets from the Netherlands to Turkey. From outside of Europe, there are presentations of the wind energy markets in Canada and the USA, Argentina, Japan, Korea, Bangladesh and China. In addition, there will be visitor delegations from countries such as Brazil, Japan and China, making use of the extensive information and international networking opportunities at the expo.

WindEnergy Hamburg is timed to generate synergies with SMM Hamburg (the leading maritime industry fair) and H2Expo - e-mobility, fuel cells, hydrogen & storage solutions; that will help experts from the wind industry to make additional contacts in new fields of business. Many companies in the shipbuilding industry that are exhibiting at SMM Hamburg from 9 to 12 September will also be present at WindEnergy Hamburg. The storage of power generated by wind turbines is a key issue for the success of Germany’s ‘Energiewende’ (‘Energy Transition’). A “Storage Tour” will be arranged for interested visitors at WindEnergy Hamburg, taking them to all the exhibitors involved in this subject. There will also be specialist presentations on the integration of renewables in the energy market, solutions in the storage sector, and mobility.

WindEnergy Hamburg
The leading international wind industry exhibition will be held in Hamburg from 23 to 26 September 2014. WindEnergy Hamburg expects more than 1,000 exhibitors from all parts of the world. This leading international fair for the onshore and offshore wind industry will be held at the Hamburg Fair site every two years. In addition, the wind exhibition with a focus on the national market, HUSUM Wind, will be held in Husum from 15 to 18 September 2015, likewise organised jointly by HMC and Messe HUSUM, as a biennial event. With its location in the pioneering wind energy area of the German North Sea coast, this traditional meeting point will provide in-depth exchanges within the industry, and generate practical value added.

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