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This renewable installation will have a capacity of 476 MW

Iberdrola has started work on the Baltic Eagle offshore wind farm in Germany

- The geotechnical phase of this new offshore wind farm has begun, it is being led by the multinational Fugro
- Germany is one of Iberdrola's strategic markets in promoting offshore projects and with Baltic Eagle, the company's capacity in this country will exceed 830 MW, with a cumulative investment of 2.5 billion euros

Berlin. Iberdrola has begun the geotechnical phase for the Baltic Eagle offshore wind farm, which will have a capacity of 476 megawatts (MW), representing the start of a strategic project for the company.

Baltic Eagle is the second major offshore initiative that Iberdrola is undertaking in Germany, following the successful launch, at the end of 2017, of the 350 MW Wikingen wind farm. In addition, another 10 MW offshore facility in Germany, called Wikingen Süd, is under development.

These three wind farms, located next to the island of Rügen, will give rise to the largest offshore wind complex in the Baltic Sea, with a total installed capacity of 836 MW and a joint investment of 2.5 billion euros. Germany has thus become a key area for Iberdrola in the coming years.

The director of the Renewables Business, Xabier Viteri, stressed that Baltic Eagle "confirms the company's firm commitment to technological innovation, the development of large renewable projects, the reduction of emissions to combat climate change and the increased economic and social contribution in the territories where it is present".

Christian Pegel, Minister for Energy, Infrastructure and Digitisation with the state of Mecklenburg-West Pomerania, welcomed the announcement, as the project represents an important contribution to the economic development of the region and to environmental protection. "The use of



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offshore wind energy is essential for Mecklenburg not only because of its contribution to the ecological transition in Germany but also because of the opportunities it offers for employment and industry in our coastal areas," he said.

Fugro will undertake the geotechnical investigation of the seabed

Fugro, a global specialist in offshore prospecting, will carry out an exhaustive geotechnical and geophysical investigation of the Baltic Eagle seabed in order to obtain the most complete information possible on the conditions in the area in which it will be located.

The studies contracted by Iberdrola, valued at more than 10 million euros, will be key to meeting the construction and commissioning deadlines for this renewable facility.

The investigation that has just begun includes, first of all, a study of the location and removal of possible unexploded ordnance. The programme for drilling boreholes and geotechnical investigations of the seabed will then begin, using state-of-the-art equipment and techniques.

In addition, a number of laboratory tests will be carried out in accordance with the requirements established by the German planning authority, Bundesamt für Seeschifffahrt und Hydrographie (BSH).

The data obtained by Fugro will determine the design of the foundations on which both the wind turbines and the substation will be built, which will be installed in waters up to 45 metres deep.

The offshore work is expected to be completed by March 2019 and the last technical report to be submitted by the end of June 2019.

Baltic Eagle and Wikinger, 45% of consumption in Mecklenburg-West Pomerania

The start of these works means the launch of the Baltic Eagle project, which we were awarded last April by the Federal Network Agency



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(Bundesnetzagentur), within the framework of the second offshore wind auction organised in Germany.

Baltic Eagle and Wikinger will be able to produce enough energy to meet 45% of the total electricity consumption of the state of Mecklenburg-West Pomerania and it will prevent the emission of 1.65 million tons of CO₂ per year, thus contributing to meeting the emission reduction targets set by Germany.

Iberdrola is cooperating with local authorities and has already provided the State Agency for the Environment, Nature Conservation and Geology of Mecklenburg-West Pomerania with samples and information from geotechnical studies carried out to analyse the status and ground conditions in that area of the Baltic Sea.

About Iberdrola

Iberdrola is a global energy leader, the biggest producer of wind power and one of the five top power companies in the world in terms of stock market capitalisation. The group is present in numerous countries and supplies energy to over 100 million people mainly in Spain, the United Kingdom (Scottish Power), USA (AVANGRID), Brazil (Neoenergia) and Mexico. With a workforce of 34,000 and assets in excess of €110 billion, it posted revenues of €31.26 billion and a net profit of €2.8 billion in 2017.

Iberdrola leads the energy transition towards a sustainable model through investments in renewable energy, smart grids, efficient energy storage and digital transformation, offering the most advanced products and services to its customers. Thanks to its commitment to clean energy, Iberdrola is one of the companies with the lowest emissions and an international benchmark for its contribution to the fight against climate change and for the sustainability of the planet. Iberdrola is listed on numerous international sustainability indices, among them the Dow Jones Sustainability Index and FTSE4Good, and it is considered one of the most sustainable electricity utilities in the world.

About Fugro

Fugro is the world's leading independent provider of geointelligence and asset integrity solutions. Fugro collects and analyses data on topography and subsoil and soil composition, as well as meteorological and environmental conditions, providing advice based on the results obtained. With its solutions, Fugro supports the safe, efficient and sustainable development and operation of buildings,



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industrial facilities and infrastructure, as well as the exploration and development of natural resources.

Fugro works worldwide, mainly in the energy and infrastructure markets both offshore and onshore, employing approximately 10,000 people in 65 countries. In 2017, its revenues amounted to 1.5 billion euros. The company is listed on Euronext Amsterdam.

