

SeaRenergy to support Ailes Marines in consortium with Atos in securing Saint-Brieuc offshore wind farm in Brittany, France

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A consortium led by Atos has been selected by Ailes Marines – a company 100% owned by Iberdrola, in charge of the construction, installation and operation of an offshore wind farm in the Bay of Saint-Brieuc, France – to ensure marine coordination activities and implement mission critical communications solutions for its new wind farm project. With construction work on the farm set to begin in the first semester of 2021, Atos will ensure the smooth running of all activities at sea, with the final goal of support Iberdrola deliver clean, reliable energy for the environment.

Atos will implement a full operational marine coordination center located in Pleudaniel (Côtes-d'Armor, Brittany, France) to coordinate, monitor and document all traffic in and around the construction area, operating 24/7 during the construction stage. While building and managing a wind farm of 103 km² is a very complex process where many operators and organizations are circulating in the offshore site, the Atos solution enables Ailes Marines to ensure that all of its on-site operations run smoothly and that only authorized people and equipment circulate in the area. This center will notably enable Ailes Marines' teams to register and track vessels and their crew in real time for ultimate on-site security, to ensure safety of the offshore operations in the farm (including a 'Permit to work' system) or to plan and monitor offshore activities according to the weather forecast. For this coordination center, Atos will work in partnership with SeaRenergy, a leading provider of engineering services as well as offshore marine, QHSE and staffing solutions for the offshore wind industry. In this project SeaRenergy will provide highly qualified marine management personnel.

Atos will also set up a unified critical voice communication platform that will allow helicopters, ships, and operational teams working on the offshore farm to communicate seamlessly between them or with the coordination center, in and around the wind farm¹. In a unpredictable environment, 16,3 km away from the shore, where the usual telecom networks do not work, the Atos solution is designed in such a way that communication between operators is guaranteed in all conditions, using satellite telephones as back up, and can be used to manage incidents and emergencies.

Both systems will remain operational after the construction stage and will support Ailes Marines throughout the exploitation phase, when the 62 turbines will be operational. "Extreme environments call for extremely reliable communication solutions and we were looking for a French specialist to help coordinate and secure our first offshore wind farm in France. The experience of the Atos teams, their knowledge of offshore and the very specific digital and OT technologies associated with this area are very valuable to us." said Javier Garcia Perez, President of Ailes Marines and International Offshore Director of Iberdrola. "We are proud to support Iberdrola in its first offshore wind farm project in France, by securing its wind turbines to ensure the safe production of green electricity. "We are delighted to support Iberdrola being one of the first movers in the French offshore wind market," said Dr. Benjamin Vordemfelde, CEO of SeaRenergy. "We are looking forward to contributing our experience and professional expertise from other projects in Europe to the energy transition in France and also generate exciting new jobs for the local workforce in the Saint-Brieuc area."

The Saint-Brieuc offshore wind farm will be built by Ailes Marines – fully owned by Iberdrola, the largest energy group in Spain and world leader in wind power – in the bay of Saint-Brieuc, Brittany, 16.3 kilometers off the coast. When completed, the 496 MW wind farm will

produce 1,820 GWh per year, which is equivalent to the annual electricity consumption of 835,000 inhabitants. The foundation installation works will start in the first semester of 2021; the wind farm will be fully operational in 2023. The contract with Atos and SeaReenergy will result in the creation of 10 skilled jobs in France. Atos will also mobilize approximately 10 people for the installation phase of the technical equipment.

About SeaReenergy:

SeaReenergy group is an independent provider of comprehensive services to all offshore wind industry stakeholders. The group consists of SeaReenergy offshore with offices in Hamburg, Den Haag and Limassol and its daughter companies Con4Mare and Elbe-1. SeaReenergy is involved in the whole value chain of offshore wind from planning and permit through installation and operation & maintenance. Founded in 2010, SeaReenergy offers consulting and engineering services as well as offshore marine services, QHSE services, and the full range of offshore professionals.

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About Atos:

Atos is a global leader in digital transformation with 110,000 employees in 73 countries and annual revenue of € 12 billion. European number one in Cloud, Cybersecurity and High-Performance Computing, the Group provides end-to-end Orchestrated Hybrid Cloud, Big Data, Business Applications and Digital Workplace solutions. In the UK & Ireland Atos delivers business technology solutions for some of the country's largest public and private sector organisations. The Group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and operates under the brands Atos, Atos|Syntel, and Unify. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

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