

## Press Release

Brest, the 2nd of November 2022

### Eolink has been awarded €14.9 million for the deployment of its 5MW floating wind turbine at the SEM-REV test site in France

Eolink, Valorem and Centrale Nantes have received a €14.9m funding from the French funding program "France 2030". The financed project includes the manufacturing and commissioning of an innovative floating wind turbine developed by EOLINK. Thanks to this project, the floating wind turbine will gain maturity for commercialization. In particular, the innovative solution developed by EOLINK leads to a significant cost of energy reduction thanks to a 30% lighter floating structure.

The 5MW pre-commercial floating wind turbine will be commissioned in 2024 at SEM-REV test site, France, owned by Centrale Nantes.

Valorem is in charge of the turbine-float assembly and the Operation & Maintenance, Chantiers de l'Atlantique provides support regarding steel fabrication, while Eolink is the project designer and coordinator.

*Alain Morry, Chief Commercial Officer of Eolink: "Since inception, Eolink has been fully dedicated to the design of floating wind turbines. We are glad to partner with experienced players to implement a 5 MW pre-commercial unit. It is a crucial step for the development of our company towards product bankability. We have the ambition to deliver a highly competitive solution for ongoing tenders worldwide such as Bretagne Sud and Mediterranean projects in France, or projects in the UK."*

*Frédéric Prévost, Director of VALEMO, Operation & Maintenance subsidiary of the VALOREM Group: 'Our support to EOLINK is part of the VALOREM Group strategy to increase its skills in the floating offshore wind energy. It enables Valemo to consolidate its strategic position as offshore wind operation and maintenance operator. We are also involved in the demonstrator engineering, from the turbine's assembly phase on its floater to the validation of the best performance level for the whole. VALOREM will bring to the consortium its expertise in the sourcing of wind turbine components and in the green energy production.'*

*Jean-Baptiste Avrillier, Director of Centrale Nantes: 'With its offshore test site and its advanced research on Marine Renewable Energies, Centrale Nantes confirms its standing as an academic leader in the development of a new industrial sector in France.'*

Find out more : [Valorem](#) ; [Eolink](#) ; [Ecole Centrale Nantes](#)

### **About Eolink**

Founded in 2015, Eolink is a French engineering company developing an innovative floating wind turbine that aims to reduce the cost of energy. The company has patented a configuration that will make floating wind energy more accessible. By integrating the wind turbine on the float using 4 masts rather than a single tower, the structure is more resistant to marine conditions and its mass is reduced by 30%.

In September 2016, Eolink reached TRL4 by successfully testing a 1/50<sup>th</sup> scale of 12 MW FOWT at IFREMER facilities. The tank tests included misaligned winds and waves conditions.

In 2018, Eolink tested at sea a 1/10<sup>th</sup> reduced scale of 12 MW floating wind turbine, reaching TRL5.

In 2020, Eolink and ECN signed an agreement for the installation of a 5MW floating wind turbine on the SEM-REV test site in France: [link](#)

In 2022, Eolink 5MW precommercial unit detailed design has been approved by Bureau Veritas.

### **About Valorem**

VALOREM is a versatile green energy operator that develops renewable energy parks. Over the years, the group has diversified its activities to become a multi-energy operator and created subsidiaries specializing in the different phases of the life of a renewable energy production facility.

The Group is divided into subsidiaries specializing in trades: VALREA, construction, VALEMO, operation and maintenance, OPTAREL, photovoltaic solutions on roofs and shadehouses (in particular self-consumption). In addition, the VALOREM Marine Solutions (VMS) brand offers all types of economic players expertise in the service of marine renewable energies and offshore wind power.

For more than 25 years, the group has developed its activities in France and internationally. VALOREM now has more than 300 employees who share the same mission: to support the territories for the implementation of a solidarity energy transition.

### **About Centrale Nantes**

Member of the Ecole Centrale Group, Centrale Nantes is a major engineering school founded in 1919. It graduates engineers, masters and doctoral students, at the end of academic courses based on the most current scientific and technological developments and best management practices. Research and training at Centrale Nantes are organized around 3 major growth and innovation challenges: manufacturing, energy transition and health. With research platforms ranging from digital simulation to experimentation on prototypes up to real size, and an incubator with 20 years of experience, the school has major tools for innovation and creation, in touch with the economic world. Centrale Nantes aims to promote its teaching and research internationally through around a hundred partnerships with prestigious universities around the world.

### **About ADEME**

Here at ADEME - The French Agency for Ecological Transition - we are firmly committed to fighting global warming and the depletion of our natural resources. On all fronts, we mobilise citizens, economic actors and territories towards a fairer, more harmonious, low carbon and resource-efficient society. Whatever the field - energy, circular economy, food, mobility, air quality, adaptation to climate change, soils, etc. - we advise, facilitate and help finance many projects, from research to solutions sharing. At every level, our expertise and forecasting capacities serve to guide and inform public policies.

ADEME is a public agency under the joint authority of the Ministry for an Ecological Transition and the Ministry for Higher Education, Research and Innovation.

[www.ademe.fr](http://www.ademe.fr)

**EOLINK**  
Cost-effective Floating Wind Farms

**CENTRALE  
NANTES**

**VALOREM**  
L'ÉNERGIE D'AGIR



  
**RÉPUBLIQUE  
FRANÇAISE**  
*Liberté  
Égalité  
Fraternité*

