

PRESS RELEASE

Inspiring energy education for children in Sardinia

First OffshoreWind4Kids workshop in Italy thanks to Renantis and BlueFloat Energy

Quartu Sant'Elena – Cagliari (Italy), 9 June 2023 - Sardinia is the setting for the first Italian OffshoreWind4Kids (OW4K) workshop, an initiative for children to learn about marine wind energy and understand its importance for a sustainable future.

Italy with its more than 8,000 kilometres of coastline is the perfect candidate to meet the growing demand for renewable energy through marine wind technology. From 2021 Renantis (formerly Falck Renewables) and BlueFloat Energy are working in this direction in an equal partnership for the development of floating marine wind farms off the Italian coast.

Calabria, Puglia and Sardinia - the regions in which the partnership is developing projects - has an abundance of natural wind resource and deep seabeds, which makes them ideal locations for floating wind technology. The development of the projects will produce direct and indirect long-term benefits for the entire region.

The OffshoreWind4Kids workshop is the brainchild of the Belgian non-profit organisation of the same name, already present across Europe, with activities in Belgium, Portugal, France, Spain, Germany, Poland, the United Kingdom and Denmark. The organisation aims to raise awareness of the potential of engineering, new technologies and renewable energy, with a particular focus on offshore wind innovation through activities that stimulate the curiosity of children.

Inspiring future generations and the creation of meaningful connection with local communities are central values of the partnership, which is also focused on adopting advanced practices to minimise the environmental impact of activities on the territory.

The decision to host the first Italian edition of OffshoreWind4Kids is based on these values.

“Bringing the OffshoreWind4Kids project to Italy stems from Renantis and BlueFloat Energy’s desire to inspire children to learn about the floating offshore wind technology that will be the protagonist of our energy future,” explains Ksenia Balanda, Director offshore wind Italy of the Renantis BlueFloat Energy partnership.

“The children’s enthusiasm and involvement throughout this workshop was a tangible sign of the curiosity and hunger for learning that we see in young people. Thanks to the success of this inaugural workshop, we want to expand this initiative to all the regions where we are developing our projects.”

Sixty pupils from the Istituto Comprensivo 'Maria Lai' of Quartu Sant'Elena, a municipality in the metropolitan city of Cagliari, Sardinia, took part in the activities organised, under the patronage of the municipal administration led by Mayor Graziano Milia, on the Poetto beach.

The children closely observed the operation of an offshore wind turbine with integrated measuring instruments, building a real and working prototype with their own hands. In a playful atmosphere, it



was explained with simplicity how clean energy is produced thanks to the power of the wind and cutting-edge technology, all through engaging and entertaining simulations.

Under the watchful eyes of the children, the three project proposals in Sardinia (Nora Energia 1, Nora Energia 2 and Tibula Energia), located on the island's southern and north-eastern coast, were also presented.

Nora Energia 1 is a floating offshore wind project planned off the Sardinia Channel, south-west of the Gulf of Cagliari, with an expected installed capacity of 795 MW and annual production of 2.6 TWh (Terawatt-hours), equivalent to the consumption of about 700,000 Italian households, with about 1.5 million tonnes of carbon dioxide avoided in the atmosphere per year.

Nora Energia 2 has an expected installed capacity of 600 MW, an expected annual production of 1.9 TWh (Terawatt-hours), equivalent to the consumption of about 500,000 Italian households, with about 1 million tonnes of carbon dioxide avoided in the atmosphere per year.

Tibula Energia is a floating offshore wind project off the north-east coast of Sardinia, in the stretch of sea roughly between the municipality of Olbia and the municipality of Siniscola. The planned installed capacity of the park is 975 MW, with an estimated annual production of about 3.4 TWh (Terawatt-hours), equivalent to the consumption of 900,000 households, and the avoidance of 2 million tonnes of carbon dioxide emissions into the atmosphere per year.

In addition to Sardinia, Renantis and BlueFloat Energy are developing a floating marine wind project in Calabria and two projects in Puglia. The total investment of the partnership's six Italian projects is EUR 16 billion, with a total installed capacity of 5.5 GW and an expected production of 18 TWh/year, equivalent to 5% of Italy's gross inland consumption by 2030.

Renantis exists to build a better future for all by powering people's everyday lives with care. It develops, designs, constructs and operates onshore wind farms, solar PV plants, floating offshore wind farms and energy storage facilities globally. Headquartered in Italy, Renantis has delivered renewable energy since 2002. The company's plants span the United Kingdom, Italy, United States, Spain, France, Norway and Sweden, with a total capacity of 1,420 MW in operation. Sustainability is part of Renantis' DNA, creating shared value for all stakeholders, safeguarding and enhancing the environment in which they operate and building relationships with communities. As responsible pioneers in the renewable energy sector, Renantis has a strong track record of providing specialised services and expertise at all stages of the value chain. From production to consumption, they provide technical advisory, asset management and energy management services to clients and these activities span 40 countries.

BlueFloat Energy is developing offshore wind projects in various regions of the world, where it can implement its vision: to accelerate global deployment of offshore wind as a key enabler for the energy transition and economic growth. Founded by renewable energy professionals, BlueFloat Energy brings together remarkable team expertise in the design, development, financing, construction and execution of offshore wind projects. BlueFloat Energy is supported by 547 Energy, the Quantum Energy Partners' platform dedicated to clean energy investments.

OffshoreWind4Kids is a global educational programme for schools initiated by the Belgium-based non-profit organisation of the same name, created by two Belgian brothers William and Thomas Beuckelaers. It is a programme that aims to inspire girls and boys about engineering, technology and renewable energy, stimulating knowledge of offshore wind innovation and spreading awareness of it to the general public. Started in 2021, the programme is now active in 18 countries around the world thanks to the great interest it has achieved. In 2023, the aim is to reach 5,000 to 10,000 children.

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