

Press Release

20th April 2023

X1 Wind presents X30 floating wind prototype results at WindEurope 2023

During the 3 days of the conference (April 25th, 26th and 27th), at 13:00, X1 Wind will show the X30 floating wind prototype performance through a live SCADA Session at Booth #C2-C6 at WindEurope Annual Event, Copenhagen, 2023.

WindEurope attendees will be able to watch first-hand data about the world's only floating wind platform currently installed with a tension leg platform (TLP) mooring system, the X30. The X1 Wind part-scale floating wind prototype is installed in the Canary Islands since November 2022, and it has become Spain's first floating wind prototype to export electricity via a subsea cable when its 'First power' fed PLOCAN's offshore platform in early March ([read more](#)). The Project is in the last phase of a rigorous test and verification program which started with the platform installation, in preparation for the technology industrialization and certification for commercial-scale projects currently under development.



X30 Floating Wind Prototype installed in the Canary Islands.

The novel X30 platform features X1 Wind's proprietary single point mooring (SPM) system that enables the floater to 'weathervane' passively, with an electrical swivel ensuring electricity transfer without cable twisting. The TLP mooring system also dramatically reduces the seabed footprint, compared to traditional designs proposing catenary mooring lines, minimizing environmental impact while maximizing compatibility with other sea uses, in addition to its suitability to move into deeper waters ([read more](#)). The prototype is equipped with a specially adapted V29 Vestas turbine and ABB power converter ([read more](#)).

"This project has proven a new structural and mooring configuration that will bring substantial cost reductions for the floating wind industry," said Alex Raventos, CEO of X1Wind. "We are looking forward to the next steps in this journey, which will include the pre-commercial and commercial deployment of this technology, to make floating wind more competitive and able to actively contribute to the energy transition," he concluded.

X1 Wind is currently working together with a consortium of thirteen partners from eight countries in the NextFloat Project. The project will lead to the deployment of a 6MW floating wind prototype at the Mistral test site in the French Mediterranean Sea, to demonstrate at a full scale the innovative downwind floating platform design. In parallel, the NextFloat Project aims to move forward the industrialization and scaling-up of the integrated solution up to 20MW+ scale, in preparation for commercial floating wind farms under development in Europe.

Watch the following short videos about X1 Wind's [technology](#) and the [pilot project](#) in the Canary Islands.

For further information about X1 Wind visit www.x1wind.com.

About X1 Wind

X1 Wind is a disruptive floating wind technology developer. Based in Barcelona, Spain, the firm's mission is to provide highly scalable solutions which deliver clean, affordable energy while reducing carbon emissions across the globe. The company's unique floating wind concept was initially developed by Carlos Casanovas in 2012 while studying at the Massachusetts Institute of Technology (MIT), before progressing with the patented technology for almost a decade. In recent years, X1 Wind has rapidly progressed its technology, having successfully executed several tank testing campaigns and completed the design, assembly, and load-out of a full-featured part-scale demonstrator in the Canary Islands, which is now fully operational. It has recently been selected by the European Commission to deliver the NextFloat project, an ambitious program accelerating industrial-scale floating wind together with Technip Energies and a consortium of 12 partners, to install the first commercial-scale pilot of this innovative technology in the South of France ([read more](#)). The company has steadily been building a world-class team of experts in the offshore wind industry and related sectors.

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