

Ocean Winds

Ocean Winds is the result of a joint venture announced in 2019 by EDP Renewables (EDPR) and ENGIE. Both companies share the vision in which renewables, particularly offshore wind, play a key role in the global energy transition. That is why they created a 50-50 joint venture for offshore wind.

OW has a strategic advantage and is well positioned to play a leading role in the offshore market. EDPR and ENGIE are combining their offshore wind assets and project pipeline under OW, beginning with 1.5 GW under construction and 4.0 GW under development, with the target of reaching 5-7 GW of projects in operation or construction and 5-10 GW under advanced development by 2025. OW's primary target markets are in Europe, the United States and selected Asian countries, from where most of the growth is expected to come.

This ambitious joint venture comes in the wake of EDPR's and ENGIE's successful five-year cooperation as consortium partners.

This starting position, and, together with both parent companies' successful internationalization experience, allows us to be more flexible, more adaptive and more respectful towards the cultures we chose to work in.

OW, A BRAND MADE BY THE WIND

The first brand created using the sound of the wind on the high seas.

The origin of the OW brand is no coincidence. When EDPR and ENGIE were looking for a name for the new business they brought in a team of scientists who could help to identify the sound of the wind in the Roman alphabet. They developed a specific algorithm and equipment to transcribe into letters the sound of the wind recorded offshore over a 48-hour period. The two most commonly occurring letters were "O" and "W", thus giving rise to the name Ocean Winds.

Ow's vision is to innovate towards a carbon neutral world using the wind's flexibility to adapt to new environments and its power to move us towards more sustainable options. Its mission is to lead the offshore wind into one of the main energy sources by delivering more efficient and sustainable wind energy solutions. OW values stand at the very core of the brand. They are the centre from which every wind blows including the brand's image, voice and relations. These values reflect company's personality and aim to build a valuable relationship with all stakeholders.

And they have proven it providing innovative technology to offshore market from the beginning.

Discover more about how the brand was created:
<https://youtu.be/i5rVeOxP-Vs>

INNOVATION: FLOATING TECHNOLOGY

In the framework of WFA Project and together with other partners, OW was involved in the development of an innovative floating technology which allows to harness wind resources and generate electricity in places where water is too deep for fixed-foundation turbines, gaining access to the wealth of wind resources which were previously inaccessible. These innovative farms also permit lowering product costs and ensure more stable wind speeds.

The innovative focus of the technology was the design of a floating offshore wind, based on experience from the oil and gas industry, to support multi-MW floating wind turbines in offshore applications. The floating is semi-submersible and anchored to the seabed. Its stability is achieved via water entrapment plates at the bottom of the three columns, and a static and dynamic ballast system.

Its mooring technology, for example, allows for installation in waters over 100 m deep, and its

design offers stability in adverse weather and sea conditions. Another key advantage was the assembly technology used: dry-dock assembly provided significant logistical and financial savings, and the platforms were towed using standard tug boats.

OW uses this floating technology and the traditional bottom-fixed technology in the offshore farms of its projects.

PEOPLE

Wind makes OW search and adapt to its most powerful forces. A nimble and unique team evolving with the surrounding environment. Ocean Winds energy is made of the human relations and inspiration that pushes us forward to a common goal. Building exciting relations with inspiration and energy among our team, partners and stakeholders. OW has over 250 employees at the time of its launch and expects to reach 350 towards the end of the year. This remarkable human team will represent over fifteen different nationalities, including highly qualified staff (97% University degree), almost a third of them women, 56% of Millennials and 100% with fixed employment contracts.

It means that OW is built with employees from all over the world, different languages, nationalities, locations and careers working together. International, highly qualified and young. All these different perspectives help bring OW together and approach the great challenge of building a trust culture of cultures and better future.