

Ocean Grazer welcomes an angel investor

Las Vegas, 6th January 2022 - Ocean Grazer the developer of the CES Innovation Award Winning Solution The “Ocean Battery” announces that they closed a deal with an angel investor. This green light enables to enter the market even faster and change the sustainable energy landscape fundamentally.

The Ocean Battery installed at the seabed is an energy storage system that can be implemented for offshore wind farms. It allows utilities to transform offshore wind farms into dispatchable power generator. The system is almost maintenance free and even enhances marine life.

The transition towards renewable power generation is huge challenge. Power production soon will be dictated by the weather conditions and no longer will be available on demand. Peaks in renewable power production is resulting already in negative energy prices and potentially even blackouts. To ensure that the lights remain on large scale energy buffering is essential. Ocean Grazer is the only company that realized that reliable large scale energy storage that can be endlessly charged and discharges is needed for a successful energy transition. So far no one has been able to develop an affordable, sustainable, and scalable solution up to Giga Watt hours. These Dutch Water engineers cracked this challenge and successfully developed a storage solution that meets all these requirements.

Simply brilliant

As a spin-off from the University of Groningen, a team developed a smart integration system that is seen as the iPhone of the e-Power industry. The solution is based on proven technologies making it efficient to produce and does not require any rocket science. It can quite literally be produced all around the globe wherever it is desired. The concept of the Ocean Battery is amazingly simple and efficient, the process to get there requires a tremendous amount of creativity, innovation power and Dutch entrepreneurship.

Unicorn potential

Due to the lack of an alternative solution, the developments at Ocean Grazer move at a rapid pace. The prediction made is that in the year 2030 that it will obtain a market share of 10% within Europe and New England. However, the ambition is to capture 10-15% of the market globally. To realize and accommodate this growth Ocean Grazer has developed a strategy to develop their patented technology with local partner around the globe. To build the Ocean Battery on site and create local jobs to stimulate the local economy.

Growth Potential

The average development time of an offshore wind farm takes about 5 to 10 years. Without the implementation of an Ocean Battery, they will be dated before they are connected to the power grid. Scaling-up the offshore wind power generation from 60 GW today towards 1200 GW in 2050 is a huge challenge for the utility industry. The “Ocean Battery” transforms these challenges into opportunities. The angel investor has the shares their visionary and innovative mindset and welcomes the ambition of this startup. The market is ready for such a breakthrough as the Ocean Battery and so are the engineers.

About Ocean Grazer

Ocean Grazer is a spin-off of the University of Groningen, The Netherlands. These Dutch Water Engineers have solved the global energy storage problem and currently develop the first commercial demonstrator. The startup with unicorn potential is the *only* company that provides a *reliable, affordable and eco-friendly* energy storage system that provides a flexible and modular solution for *offshore* and inshore energy storage at Giga Watt hour scale.

Working principle

Ocean Battery is based on hydro dam technology that can be deployed at the source of power generation. Excess wind power is routed towards the Ocean Battery that pumps water from its underground reservoirs into the flexible bladders installed at the seabed. Whenever there is a demand for power water is routed through hydro turbines to generate electricity back into the underground reservoirs.

Press kit

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