PRESS RELEASE

Entech partners with ENGIE Laborelec for a tidal energy storage pilot project in Scotland

Quimper, 27 December 2022 – Entech (FR0014004362 - ALESE), the technology company specialised in smart renewable energy storage and management, has just received an order from Engie Laborelec for a battery storage system to be installed at the European Marine Energy Centre (EMEC) off the island of Eday, in the Orkney archipelago, in the north of Scotland.

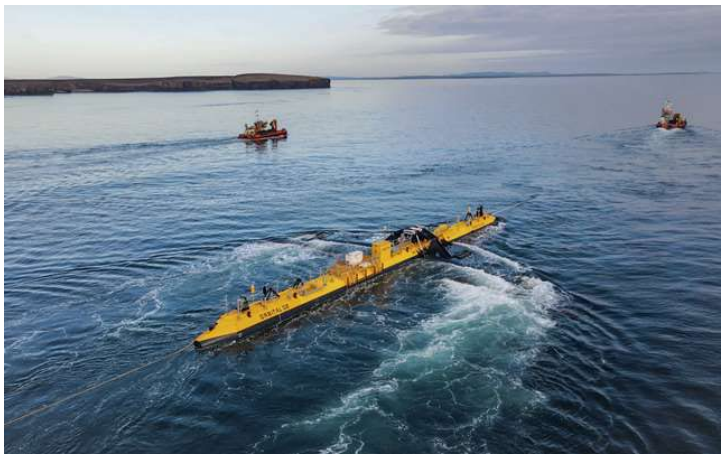
This order is part of the FORWARD2030 project, funded by the European Union's Horizon 2020 programme and developed by a consortium led by Orbital Marine Power, a tidal stream turbine pioneer. The 1.2MW/1.5MWh Lithium-ion battery storage system supplied by Entech is designed to explore the benefits of co-location of storage with tidal stream energy to meet evolving grid system requirements in response to higher penetrations of renewable energy and towards developing additional project revenue streams. This will demonstrate the technological and economic potential of co-location with a view to its deployment on a larger scale across Europe.

Tidal power, which harnesses the energy of marine currents, is one of the renewable marine energies. Excluding offshore wind, these account for less than 0.1% of the global energy mix: the objectives set out with the European Green Deal require the current marine renewables production capacity to be multiplied by 25 by 2050. To achieve this, tidal energy technologies need to make the transition to industrial-scale development. The FORWARD2030 project, deployed under real-life conditions, is one of the most advanced worldwide for this type of energy.

For Christopher Franquet, Entech's Chairman and CEO: *"This project for EMEC in Scotland is our second collaboration with ENGIE Laborelec following the commissioning of SPORE project in Singapore last year. It illustrates the quality of our solutions, as well as our capacity for innovation on international research projects".*

"Installation of the Entech storage solution will allow us to use the EMEC site in Orkney as a "real environment test laboratory" furthering other elements of the project and answering the needs of large-scale commercial offshore projects in the future" says Fiona Buckley, Wind & Hydro – Senior Expert & Senior Project Manager, LABORELEC.

Further information on the FORWARD2030 project : https://www.forward2030.tech/project-overview



Tidal Energy Technologies at EMEC - Orbital O2 (Credit Orbital Marine Power)

About Entech

Faced with the technological challenges posed by the strong growth of new energies within the energy mix, Entech enables the massive integration of renewable energies and access to energy thanks to storage and electrical conversion solutions controlled by intelligent software systems.
Builder of the new energies, Entech develops, builds and operates production plants and storage systems - batteries or hydrogen – on-grid or off-grid. Founded in Quimper in 2016, Entech has already completed more than 250 projects worldwide and today employs 125 people.
Selected in 2021 by "La French Tech" in its Green20 programme and recognised by numerous awards for its capacity to innovate in supporting the energy transition, Entech is committed to acting on a daily basis as a responsible company, not only from an environmental point of view but also from a social and societal one.
For more information: https://entech-se.com/

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About ENGIE Laborelec

ENGIE Laborelec, an entity of the ENGIE Group, is a leading expertise and research centre in electrical power technology. Drawing on the skills of 335 highly specialized engineers and technicians, it provides operational assistance, technical consultancy and applied R&D services, and is active in the entire electricity value chain. Its services support a wide range of customers in the areas of electricity generation, transmission, distribution, storage and final use, with a particular focus on the energy transition and its so called 3 Ds - decentralization, decarbonization and digitalization. ENGIE Laborelec, today part of the ENGIE R&D business unit, is a global actor, with activities in more than 60 countries and offices in Belgium, France, the Netherlands, Germany, Latin America and Middle East. www.laborelec.com