

Courbevoie, le 29th of May 2023

ENERTIME PARTICIPATES IN A NEW HORIZON EUROPE PROJECT TO SUPPLY AN ORC PRODUCING 1 MW OF CO2-FREE ELECTRICITY FOR HYDROGEN PRODUCTION IN A REFINERY IN GREECE

ENERTIME (FR0011915339 – ALENE), announces its participation in the EPHYRA project, which will officially start on 1st June 2023.

The project has been funded under the European Union's Horizon Europe framework (Grant Agreement number 101112220) and will receive a grant of approximately €17.76 million over 5 years.

EPHYRA will demonstrate the integration of a first-of-its-kind renewable hydrogen production facility at industrial scale by employing an improved electrolysis technology, at a scale of 30 MW. The large-scale electrolysis will be integrated with industrial operations within Motor Oil Hellas (MOH) Corinth Refinery, one of the top refineries in Europe and the largest privately-owned industrial complex in Greece. The industrially integrated renewable hydrogen production will be developed around a circular economy, an industrial symbiotic approach. The project is coordinated by MOH.

Within the project, ENERTIME will provide an innovative ORC system recovering low temperature waste heat to supply 1 MW carbon-free electricity to an electrolysis system and will receive a grant of €2 million for this system.

Gilles David, Chairman and CEO of ENERTIME, declares: « *The selection of our consortium by the European Union and the aid funding awarded to the Consortium will allow us to develop an innovative solution for energy efficiency and the generation of CO2-free electricity for hydrogen production in refineries. Energy efficiency and the associated reduction of CO2 emission in the Oil & Gas industry is a huge and almost untapped market that is a strategic axis of development for Enertime. Our collaboration with Motor Oil Hellas that was started in 2019 is now entering into a new fruitful phase.* »



This project has received funding from the European Union's Horizon 101112220 Europe research and innovation program under GA n. 101112220.

ABOUT ENERTIME SA

Headquartered in Courbevoie in the Great Paris Region in France, Enertime (ALENE) designs, develops, and implements thermodynamic machines and turbomachines for industrial energy efficiency and decentralized renewable energy production. Enertime supports its customers and industrial partners in the implementation of complex industrial solutions to produce CO2-free thermal or electrical energy.

Enertime's ORC machines convert heat into electricity, and its Heat Pumps produce high temperature heat with lower temperature heat and electricity. Its gas expansion turbines recover the lost energy in gas distribution networks to produce electricity and cooling. The Company has 60 employees including 30 engineers.

Enertime is listed on the Euronext Growth market. ISIN: FR0011915339 - Mnémo: ALENE.

More informations on <https://www.enertime.com>

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