

KT (MAIRE) AWARDED A CONTRACT FOR A HYDROGEN PRODUCTION UNIT IN PENGERANG BIOREFINERY (MALAYSIA) BASED ON LICENSING BY NEXTCHEM REFORM™ PROPRIETARY TECHNOLOGY FOR A TOTAL VALUE OF USD 125 MILLION

- **KT-Kinetics technology will deliver on engineering, procurement, construction and commissioning (EPCC) basis the hydrogen production unit (HPU) which is expected to be operational by the second half of 2028. It will be able to supply up to 38,000 normal metric cubes per hour of hydrogen for the production of Sustainable Aviation Fuel (SAF) and Hydrogenated Vegetable Oil (HVO)**
- **NEXTCHEM will provide the licensing of its NX Reform™ proprietary technology**

Milan, 14 January 2025 - **MAIRE (MAIRE.MI)** announces that **KT -Kinetics Technology** supported by the technological know-how of **NEXTCHEM**, has been awarded by **Pengerang Biorefinery Sdn. Bhd** (a Joint Venture comprising PETRONAS Mobility Lestari Sdn. Bhd., Enilive S.p.A., and Euglena Co., Ltd.), licensing, as well as engineering, procurement, construction and commissioning (EPCC) services for an HPU to be located in Johor, Malaysia. NEXTCHEM will provide the license of its proprietary **NX Reform™** technology.

The HPU will be part of a new biorefinery within Pengerang Integrated Complex and will produce around 38,000 normal metric cubes per hour of hydrogen, essential for the biorefinery's conversion processes. Upon completion, the biorefinery will process approx. **650,000 tons per year** of raw materials such as used vegetable oils, animal fats and waste from the processing of vegetable oils to produce Sustainable Aviation Fuel (SAF), Hydrotreated Vegetable Oil (HVO) and bio-naphtha.

The contract value is approx. **USD 125 million**, and the plant is expected to be operational in 2028.

MAIRE will employ NEXTCHEM's NX Reform™ technology, a cutting-edge solution that combines circularity and efficiency to produce low-carbon hydrogen while reducing emissions and maximizing resource recovery. This initiative aligns with MAIRE's strategy to support clients like PETRONAS and its JVs in advancing the transition to low-carbon fuels and developing cutting-edge SAF production facilities.

Alessandro Bernini, Chief Executive Officer of MAIRE, commented: "This important achievement confirms MAIRE's pivotal role in the energy transition, and its ability to deliver advanced and integrated solutions that enable our clients to lead the way in producing renewable fuels, contributing to a more sustainable future."

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MAIRE S.p.A. is a leading technology and engineering group focused on advancing the Energy Transition. We provide Integrated E&C Solutions for the downstream market and Sustainable Technology Solutions, the latter through three business lines: Sustainable Fertilizers, Low-Carbon Energy Vectors, and Circular Solutions. With operations across 45 countries, MAIRE employs over 9,300 people, supported by a global network of 20,000 project partners. MAIRE is listed on the Milan Stock Exchange (ticker “**MAIRE**”). For further information: www.groupmaire.com.

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