

NEXTCHEM (MAIRE) AWARDED LICENSING, PROCESS DESIGN PACKAGE AND ENGINEERING SERVICES BASED ON ITS PROPRIETARY NX eBLUE™ TECHNOLOGY FOR THE PRODUCTION OF LOW-CARBON HYDROGEN IN THE UNITED STATES

- The project aims at producing 15,000 Nm³/h¹ of low-carbon hydrogen, using electric power from renewable sources and leveraging NEXTCHEM's innovative proprietary NX eBlue™ technology
- This is the first commercial application of NX eBlue™ electric steam methane reforming technology, which significantly reduces the emission of CO₂

Milan, 07 August 2025 – **MAIRE (MAIRE.MI)** announces that NEXTCHEM, through its subsidiary KT Tech has received a Letter of Award from a major international energy company for the application of its proprietary **NX eBlue™** (Electric Steam Methane Reforming) technology, to provide the licensing, process design package (PDP) and engineering services for the application of its proprietary **eBlue™** (Electric Steam Methane Reforming) technology to the production of low-carbon hydrogen in the Southwest of the United States.

NX eBlue™ technology, which is part of NEXTCHEM's technological portfolio for syngas and hydrogen production, features an innovative electric steam methane reforming reactor along with a dedicated process scheme to produce low-carbon hydrogen. This technology significantly reduces CO₂ production and incorporates integrated carbon capture to further minimize CO₂ emissions, all while allowing for operational flexibility and scalability. The carbon captured will be valorized as a product.

This contract marks a key milestone in NEXTCHEM's strategy to accelerate the deployment of electrified hydrogen technologies combining renewable energy, carbon capture, and advanced reforming in a single, integrated technology solution.

Fabio Fritelli, Managing Director of Nextchem, commented: "We are extremely proud of this achievement, which positions NEXTCHEM at the forefront of electrified hydrogen production, since it represents the first industrial application of our NX eBlue™ innovative technology. This award confirms our ability to provide market-ready solutions to our clients, and enables us to expand our presence in a strategic market such as the USA."

¹ Normal cubic meters per hour.

About NX eBlue™ Technology

The electrified Steam Methane Reformer and the associated process scheme are a next-generation hydrogen production solution, designed to meet the growing demand for low-carbon energy and chemicals.

This technology replaces traditional combustion-based reforming with electrically heated reforming significantly reducing use of fossil hydrocarbons. It is engineered for seamless integration with renewable electricity sources, enabling a cleaner hydrogen production pathway.

KT TECH also provides proprietary equipment as part of the technology package, ensuring optimal performance, reliability, and integration. The solution is modular and scalable, offering flexibility for deployment across a range of project sizes and geographies.

MAIRE S.p.A. is a leading technology and engineering group focused on advancing Energy Transition. We provide Integrated E&C Solutions for the downstream market and Sustainable Technology Solutions through three business lines: Sustainable Fertilizers, Low-Carbon Energy Vectors, and Circular Solutions. With operations across 50 countries, MAIRE employs nearly 10,00 people, supported by around 50,000 professionals involved in its projects worldwide. MAIRE is listed on the Milan Stock Exchange (ticker "MAIRE"). For further information: www.groupmaire.com.

Group Media Relations

Tommaso Verani
Tel +39 02 6313-7603
mediarelations@groupmaire.com

Investor Relations

Silvia Guidi
Tel +39 02 6313-7823
investor-relations@groupmaire.com