

## Press Release

Date: 02.07.2024

Version: FINAL

### **Stamicarbon (MAIRE) to Provide NX Stami Green Ammonia™ and NX Stami Nitric Acid™ Technologies for Low-Carbon Fertilizer Plant in France**

**Sittard, The Netherlands** — Stamicarbon, the nitrogen technology licensor of MAIRE S.p.A, together with NextChem Tech, has been awarded a feasibility study and a pre-FEED contract from FertigHy. Under this contract, Stamicarbon will provide its NX Stami Green Ammonia™ and NX Stami Nitric Acid™ technologies for FertigHy's first low-carbon fertilizer plant in France.

FertigHy is a consortium composed of European industrial players aimed at tackling the challenges of the global food security with low-carbon fertilizers solutions. The plant, which is scheduled to start construction in 2027, will produce half a million tons per year of low-carbon nitrogen-based fertilizers, from hydrogen obtained by renewable and low carbon electricity.

NX Stami Green Ammonia™ facilitates environmentally friendly ammonia production by using hydrogen obtained through water electrolysis rather than fossil fuel reforming. This technology offers a sustainable and economically viable alternative to conventional processes, paving the way for producing fuels and fertilizers from renewable energy sources.

NX Stami Nitric Acid™ technology is distinguished by its high tail gas temperature and is designed for maximum energy recovery, reliable operation, and minimal greenhouse gas emissions.

"We are delighted to be part of this groundbreaking project, which aligns perfectly with our commitment to pioneering sustainable fertilizer technologies. Our role in this project provides an opportunity to contribute towards improving global food security through low-carbon solutions," said Pejman Djavdan, CEO of Stamicarbon. "We look forward to participating in this initiative and helping to drive sustainable practices in the fertilizer industry."

NextChem Tech, also part of NEXTCHEM (Sustainable Technology Solutions), will integrate its hydrogen and electrolyzer know-how in a consolidated technical solution.

#### **Stamicarbon B.V.**

Stamicarbon, the nitrogen technology licensor of MAIRE S.p.A., designs and licenses fertilizer plant technologies, specializing in urea, green ammonia, and nitric acid. As part of NEXTCHEM, MAIRE's

Sustainable Technology Solutions business unit, Stamicarbon leverages the capabilities and expertise of a world-leading engineering group. In total, Stamicarbon has licensed more than 260 urea plants and realized more than 100 revamping and optimization projects. Applying 75 years of knowledge and experience, Stamicarbon offers customers tailored solutions and services to maintain, improve and optimize plants in every stage of their life cycle, with a focus on sustainable fertilizer production. As pioneers with a higher purpose, Stamicarbon has a vision to help enable the world to feed itself and improve the quality of life. Stamicarbon is headquartered in Sittard, The Netherlands, and operates worldwide. For more information: [www.stamicarbon.com](http://www.stamicarbon.com).

#### **Stamicarbon Media Relations**

Nikolay Ketov, Public Relations Officer

M +31 6 11 87 68 86

E [nikolay.ketov@stamicarbon.com](mailto:nikolay.ketov@stamicarbon.com)

#### **MAIRE S.p.A.**

MAIRE S.p.A. leads a technology and engineering group that develops and implements innovative solutions to enable the Energy Transition. We offer Sustainable Technology Solutions and Integrated E&C Solutions in nitrogen fertilizers, hydrogen, circular carbon, fuels, chemicals, and polymers. MAIRE creates value in 45 countries and relies on over 8,300 employees, supported by over 20,000 people engaged in its projects worldwide. MAIRE is listed on the Milan Stock Exchange (ticker "MAIRE"). For further information: <https://www.groupmaire.com/en/>.

#### **Group Media Relations**

Carlo Nicolais, Tommaso Verani

T +39 02 6313-7603

E [mediarelations@mairetecnimont.it](mailto:mediarelations@mairetecnimont.it)