NEXTCHEM (MAIRE) AWARDED LICENSING AND PROCESS DESIGN PACKAGE FOR A LOW CARBON FERTILIZER PLANT AS WELL AS PROPRIETARY EQUIPMENT SUPPLY IN CANADA, BASED ON ITS PROPRIETARY NX STAMI UREA™ TECHNOLOGY

- **Stamicarbon will provide the process design package and the licensing for its urea melt and Diesel Exhaust Fluid technology for Canada's first low-carbon nitrogen fertilizer plant, currently being developed by Genesis Fertilizers**
- **Stamicarbon will also supply a High-Pressure Urea Stripper to Nutrien's Fort Saskatchewan Nitrogen Operations: a proprietary equipment designed to enhance efficiency, reduce downtime and ensure long-term reliability thanks to its advanced engineering and materials**

Milan, 27 December 2024 – **MAIRE** (**MAIRE.MI**) announces that **NEXTCHEM** (Sustainable Technology Solutions), through its subsidiary **Stamicarbon**, the leading nitrogen fertilizer technology licensor, has been awarded new contracts related to its proprietary NX STAMI Urea™ technology in Canada.

The first award entails the **Process Design Package (PDP) and the licensing** – the latter being subject to the Final Investment Decision by the client – **for an integrated urea and Diesel Exhaust Fluid (DEF) production plant** currently being developed by Genesis Fertilizers, a farmer-owned consortium, at Belle Plaine (Saskatchewan) in Canada. The plant will have a urea melt capacity of 2,500 metric tons per day (MTPD), with operations expected to begin by 2029. Also thanks to a carbon capture and sequestration unit, it will be the first proposed low-carbon nitrogen fertilizer plant in Canada. Stamicarbon will apply its proprietary Flash urea melt technology, part of NX STAMI Urea™ portfolio, designed to enhance operational efficiency and reliability while minimizing process steam consumption.

The plant will also include a DEF facility with a production capacity of 1,500 MTPD. DEF, also known as AdBlue® in Europe, is a 32.5% high-purity urea solution in deionized water, developed to reduce NOx emissions from diesel engines. Stamicarbon's DEF production design, part of the NX STAMI Specialties portfolio, enables the direct production of ISO 22241-compliant DEF from aqueous urea solution from any urea plant, ensuring high quality and lower production costs by eliminating finishing and blending.

The second award is related to the supply of a replacement **High-Pressure Urea Stripper** to Nutrien's Fort Saskatchewan Nitrogen Operations (FNO) in Alberta, Canada. With cutting-edge engineering and advanced materials expertise, this **proprietary equipment** is designed to enhance operational efficiency while minimizing downtime and ensuring long-term reliability.

Alessandro Bernini, **CEO of MAIRE**, commented: "These awards are further evidence of our undisputed leadership in the urea technology solutions, particularly in a strategic and competitive geography such as North America."

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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