

NEXTCHEM (MAIRE) AWARDED A FEASIBILITY STUDY BASED ON ITS PROPRIETARY TECHNOLOGY FOR MALEIC ANHYDRIDE PRODUCTION IN NORTH AMERICA

- **NEXTCHEM's subsidiary CONSER will develop a feasibility study to optimize production and enhance efficiency of an existing maleic anhydride facility through its proprietary technology**
- **NEXTCHEM strengthens its position in the food industry, leveraging its proprietary technology for maleic anhydride production**

Milan, 24 July 2024 - **MAIRE** (MAIRE.MI) announces that **NEXTCHEM** (Sustainable Technology Solutions), through its subsidiary **CONSER**, technology licensor for high-value chemical derivatives and biodegradable plastics, has been awarded a feasibility study in North America by a leading industrial player to optimize an existing maleic anhydride (MAN) facility, which is part of a malic and fumaric acid manufacturing plant.

The feasibility study will focus on the revamping of the facility by assessing possible opportunities to boost efficiency of the maleic anhydride production through the application of CONSER MAN proprietary technology, also in view of a potential capacity increase of the plant.

Among its several industrial applications, maleic anhydride is an intermediate for the production of malic acid and fumaric acid, which are used to enhance texture, flavor, and stability of food products. In particular, malic acid acts as an acidity regulator, helping maintain the desired pH levels and enhance the flavor of foods and beverages; furthermore, malic acid is also a precursor in the production of fumaric acid, another food additive used for similar purposes.

Alessandro Bernini, MAIRE CEO, commented: "This agreement shows the versatility of NEXTCHEM's high-value technology proposition, enhancing our presence in new geographies. CONSER consolidates its position as a world leader in the field of maleic anhydride technology and its unique offering as a top tier technology provider, also improving production processes on operating plants."

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**").
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