

NEXTCHEM (MAIRE) AWARDED A LICENSING AGREEMENT FOR A BIOMASS-TO-SYNGAS PROJECT TO ADVANCE SAF PRODUCTION IN CANADA BASED ON NX CIRCULAR™ PROPRIETARY TECHNOLOGY

- **Nextchem will provide the license for the biomass-to-syngas section of a Sustainable Aviation Fuel (SAF) plant in Canada, based on its proprietary NX Circular™ technology**
- **The project is designed to convert residual biomass into purified chemical grade syngas for subsequent conversion into SAF**
- **Following the Final Investment Decision (FID), the agreement also provides for a potential extension of scope, including the Process Design Package (PDP), proprietary equipment (PEQ), technical services and catalyst supply**

Milan, 17 June 2026 – **MAIRE (MAIRE.MI)** announces that **Nextchem**, through its subsidiary **MyRechemical**, has signed a licensing agreement with **SUSTAERO GP Inc.** in relation to a project for the production of Sustainable Aviation Fuel (SAF) from biomass in Canada. Under the agreement, Nextchem will provide the license for its proprietary **NX Circular™** technology for the biomass-to-syngas section of the plant, representing the first step of production.

The project is aimed at producing purified chemical grade syngas from forest residues, which will then be used for subsequent conversion into SAF. Nextchem's proprietary **NX Circular™** process covers the high-temperature gasification and melting of wastes and biomass residues to synthetic gas and its further purification.

Set to be operational in 2030, the plant will produce up to 144 thousand tons of SAF annually from residual biomass, with expansion potential of up to four times its initial capacity.

Countries such as Canada and the Scandinavian region are increasingly focusing on the sustainable valorization of forest residues, which, if left unmanaged, accumulate on the ground and increase the risk of wildfires. Through solutions such as **NX Circular™**, this abundant feedstock can be transformed into low-carbon fuels, while also contributing to the reduction of environmental risks and supporting a more circular and resilient ecosystem. **SUSTAERO** is developing SAF capacity in Canada from wood waste, leveraging its proprietary **SOAR™** process and integrating Nextchem's **NX Circular™** gasification technology. The company focuses on sustainable and reliable feedstock supply chains to support the production of low-carbon aviation fuels.

Following the Final Investment Decision (FID), the agreement also provided for a scope expansion potential, including the Process Design Package (PDP), as well as the supply of proprietary equipment (PEQ), technical services and catalyst.

Fabio Fritelli, Managing Director of Nextchem, commented: "This agreement confirms the market interest in our proprietary gasification solutions for advanced and versatile waste-to-value applications from multiple feedstocks. By enabling the production of purified syngas for SAF, we are supporting SUSTAERO in the development of an innovative pathway that combines circularity with decarbonization objectives."

Keith Gillard, CEO of SUSTAERO, commented: "We are thrilled to be working with Nextchem to convert Canada's abundant wood waste into SAF and eSAF. We evaluated all technologies and nothing compares to the performance of the NX Circular™ for processing biomass into the cleanest syngas."

MAIRE S.p.A. is a leading engineering group providing technology solutions and project execution in the downstream segment of energy services, as well as in the chemicals and fertilizers industries. The Group operates through two business units: Integrated E&C Solutions and Sustainable Technology Solutions, the latter active in sustainable fertilizers, low carbon energy vectors, and innovative materials and circular solutions. With operations in around 50 countries, MAIRE employs approximately 10,800 people. MAIRE is listed on the Milan Stock Exchange (ticker "MAIRE"). For further information: groupmaire.com

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