

## **NEXTCHEM (MAIRE) AWARDED BY SARLUX LICENSING, ENGINEERING SERVICES, PROPRIETARY EQUIPMENT AND CATALYST SUPPLY TO INTEGRATE ITS NX CPO™ TECHNOLOGY IN A SAF PILOT PLANT**

- **Following the completion of the engineering design study announced in December 2023, NextChem Tech will act as technology integrator for a Sustainable Aviation Fuels (SAF) pilot plant to be implemented in Saras' facility in Sarroch (Sardinia)**
- **NextChem Tech will provide the license and the proprietary equipment related to its NX CPO™ technology to efficiently valorise the off-gases coming from the Fischer Tropsch reactor, boosting the yield of the SAF production**
- **This contract is a further confirmation of MAIRE's strategic positioning as technology enabler for the industry decarbonization**

*Milan, 2 August 2024* – **MAIRE** announces that **NEXTCHEM** (Sustainable Technology Solutions), through its subsidiary **NextChem Tech**, signed a binding Term Sheet with **Sarlux S.r.l.** – company belonging to the Saras Group – including the main terms and conditions to act as engineering services and technology provider for the implementation of a pilot plant in Sarroch's facility (Sardinia, Italy). The pilot plant is aimed at producing sustainable aviation fuels (SAF), with the potential for scaling-up to an industrial facility.

NextChem Tech will also integrate its own **NX CPO™ technology**<sup>[1]</sup>, a cutting-edge solution that makes synthesis gas through a catalytic partial oxidation, into the process. When **NX CPO™ technology** is used for synthetic fuel production, it boosts the overall efficiency of the process by recovering and reusing the hydrogen and carbon in the off-gases molecules, thus reducing CO<sub>2</sub> emissions in the atmosphere. NextChem Tech will supply the license and the proprietary equipment, including its own catalyst for this technology.

The agreement also includes a provision for NextChem Tech for to provide high value-added engineering services during the project delivery, the commissioning, and the start-up phases.

**Alessandro Bernini, CEO of MAIRE**, commented: "This agreement is a clear sign of the soundness of the group's technological value proposition, spanning from licensing and high-value process design services to the supply of proprietary catalysts. This award is a further demonstration of our top-class and broad portfolio of effective technologies that support our clients in their energy transition process."

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[1] **NX CPO™** (Catalytic Partial Oxidation) technology, constitutes a solution for syngas production. Hydrocarbon or biobased feedstocks undergo a controlled partial oxidation in presence of a catalyst that facilitates the conversion into syngas through an entirely heterogeneous very fast reaction.

**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 8,500 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: [www.groupmaire.com](http://www.groupmaire.com).

**Group Media Relations**

Carlo Nicolais, Tommaso Verani  
Tel +39 02 6313-7603  
[mediarelations@groupmaire.com](mailto:mediarelations@groupmaire.com)

**Investor Relations**

Silvia Guidi  
Tel +39 02 6313-7823  
[investor-relations@groupmaire.com](mailto:investor-relations@groupmaire.com)