

NEXTCHEM (MAIRE) AWARDED CONTRACTS BY SOCAR FOR TWO PROCESS DESIGN PACKAGES AND LICENSING TO UPGRADE THE HAOR COMPLEX IN AZERBAIJAN, LEVERAGING ON ITS PROPRIETARY NX SULPHUREC™ TECHNOLOGY

- **NextChem Tech will execute a technological assessment and a process design package to upgrade the existing sulphur recovery unit of the HAOR complex in Baku**
- **In addition, NextChem Tech will provide the licensing and the process design package within the frame of the second phase of modernization project in Haydar Aliyev Oil Refinery based on its proprietary NX SulphuRec™ technology for a new sulphur recovery unit to reduce the environmental impact of sour gases**
- **These awards confirm MAIRE's role as a reliable partner in Azerbaijan's downstream development, a relationship that began with the first project in 2015**

Milan, 17 September 2024 – **MAIRE** announces that **NEXTCHEM** (Sustainable Technology Solutions), through its subsidiary **NextChem Tech**, has been awarded by **SOCAR** two contracts to upgrade and expand the capacity of the Heydar Aliyev Oil Refinery (HAOR) industrial complex in Baku, Azerbaijan.

NextChem Tech will conduct a technological assessment and deliver a process design package to upgrade the existing sulphur recovery unit (SRU) with oxygen enriched air, a cost-effective and flexible solution for expanding the current sulphur production capacity. Additionally, NextChem Tech will provide the licensing and the process design package based on its proprietary NX SulphuRec™ technology for a new SRU and outstanding recovery efficiency.

NX SulphuRec™ is a comprehensive portfolio of proprietary sulphur recovery technologies, based on the integration of modified claus¹ and tail gas treatment² processes, which represent the most effective and widely used sulphur recovery configuration worldwide. These solutions are aimed at reducing the environmental impact of acid and sour gases produced during the refining process. MAIRE leverages on a leading position and a strong track record in this segment, having successfully applied this technology in hundreds of projects worldwide.

Alessandro Bernini, CEO of MAIRE, commented: “These awards confirm the mutually beneficial relationship with SOCAR to develop Azerbaijan’s natural resources transformation activities. We are

¹ The modified claus process typically begins with the combustion of hydrogen sulfide (H₂S) to form sulfur dioxide (SO₂) and water. This reaction is followed by a series of catalytic reactions where SO₂ and H₂S react to form elemental sulfur and water.

² The tail gas treatment process follows the modified claus process and aims to treat the tail gas, which contains small amounts of unconverted H₂S and SO₂

eager to further support the upgrade of the Baku HAOR complex with our technologies that ensure the highest environmental standards.”

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.

Group Media Relations

Carlo Nicolais, Tommaso Verani
Tel +39 02 6313-7603
mediarelations@groupmaire.com

Investor Relations

Silvia Guidi
Tel +39 02 6313-7823
investor-relations@groupmaire.com