

NEXTCHEM'S MYRECHEMICAL AWARDED AN ENGINEERING CONTRACT BY ALIA SERVIZI AMBIENTALI FOR A WASTE TO METHANOL AND HYDROGEN PLANT IN EMPOLI, ITALY

- **The scope of work is a basic engineering design precursory to the plant's public authorization request**
- **The plant will treat 256,000 tons/yr. of non-recyclable waste and will produce circular methanol and circular hydrogen™**
- **The plant will be based on MyRechemical's Waste-to-Chemicals technology**

Milan, 8 August 2022 – **Maire Tecnimont S.p.A.** announces that its subsidiary **MyRechemical**, NextChem's subsidiary dedicated to Waste-to-Chemicals technologies, has been awarded by **Alia Servizi Ambientali S.p.A.** a **basic engineering contract for a waste to methanol and hydrogen plant** to be located in Empoli (Tuscany), Italy.

The scope of work includes basic engineering design of the plant and the provision of necessary documentation to start the plant's public authorization process with the Tuscany region. The basic engineering phase is expected to be completed by the end of 2022.

Once authorized and completed, the plant will process **256,000 tons/yr. of non-recyclable waste** and will produce **125,000 tons/yr. of methanol** and **1,400 tons/yr. of hydrogen**. The plant will benefit from MyRechemical's chemical conversion technology which allows the recovery of waste that cannot be mechanically recycled, or other types of unsortable dry waste (i.e. Refuse Derived Fuel - RDF). The carbon and hydrogen contained in the waste are converted through a gasification process into a synthesis gas, which is used to produce low-carbon methanol and hydrogen. This process avoids the emission of pollutants in the atmosphere. Methanol is used as an alternative fuel for sustainable mobility or as a secondary raw material in the chemicals and manufacturing industries. Hydrogen can be used in low-carbon industrial processes to decarbonize hard-to-abate and energy intensive industries.

Alessandro Bernini, Chief Executive Officer of Maire Tecnimont Group and NextChem, commented: "This is one of the more interesting waste-to-chemicals initiatives that Maire Tecnimont is developing in Italy. This is the first application worldwide of an integrated technological scheme that allows to produce methanol

from waste for sustainable mobility and hydrogen that will substitute methane in glass production processes, enabling both recycling and industrial symbiosis. It responds to the core need of circular economy and creates the bases of a new era of waste as a resource”.

“It will be possible to push the limits forward in recovering material from waste only by using more technology and innovation. We have signed a strategic partnership with Maire Tecnimont, leader in the Italian chemistry tradition”, commented **Alberto Irace, Chief Executive Officer of Alia**, “This represents a model of strategic alliance for circularity where Maire Tecnimont, Zignago, Suez and Alia, all leading companies in technology and industry, are joining their forces to design and realize a sustainable future”.

Maire Tecnimont S.p.A.

Maire Tecnimont S.p.A., a company listed on the Milan Stock Exchange, heads an international industrial group that is a leader in the transformation of natural resources (plant engineering in downstream oil & gas, with technological and execution competences). Through its subsidiary NextChem, it operates in the field of green chemistry and the technologies to support the energy transition. Maire Tecnimont Group operates in about 45 countries, through approximately 50 operative companies and about 9,300 people. For more information: www.mairetecnimont.com.

Group Media Relations

Carlo Nicolais, Tommaso Verani,
Tel +39 02 6313-7603
mediarelations@mairetecnimont.it

Investor Relations

Riccardo Guglielmetti
Tel +39 02 6313-7823
investor-relations@mairetecnimont.it

NextChem Media Relations

Margherita Ficola
+39 06 60216690
mediarelations@nextchem.it

Alia Servizi Ambientali S.p.A

Alia Servizi Ambientali participated by 58 municipalities of Florence, Prato and Pistoia provinces, with about 4.8000 sq km of land area, 1.5 million inhabitants served and about 2.700 employees, it is the first regional operator and the fifth in Italy in the integrated management of municipal waste by number of inhabitants served. For more information: www.aliaserviziambientali.it

Francesca Calonaci

REC - Relazioni Esterne e Comunicazione
Alia Servizi Ambientali S.p.A.
tel. +39 055 004 1106
email: f.calonaci@aliaserviziambientali.it