

**Press release
No 35 - 21.10.2021**

**NEXTCHEM (MAIRE TECNIMONT GROUP) AND ACCIAIERIE
D'ITALIA AGREE ON A FEASIBILITY STUDY TO DECARBONIZE
TARANTO STEEL PLANT**

- **The study's objective is the utilization of circular gas produced thanks to NextChem's technology in order to reduce CO₂ emissions from steel production**

Milan, October 21, 2021 – **Maire Tecnimont S.p.A.**'s subsidiary **NextChem** and **Acciaierie d'Italia**, Italy's largest steel company, jointly owned by Arcelor Mittal and Invitalia, have reached an agreement for a **feasibility study** to use **circular gas (syngas) in the Taranto steel mill**. This circular gas is obtained thanks to NextChem's Waste-to-Chemical technology, which is based on the recovery of carbon and hydrogen included in plastic and dry waste through a partial oxidation process.

NextChem's technology makes it possible to obtain a circular gas that can be used both in refining processes and in the steel production cycle - replacing coal dust in the blast furnace or natural gas in direct reduction – resulting in a decrease of CO₂ emissions. The feasibility study will focus on the environmental benefits of using circular gas in the steel mill, as well as of maximizing the steel mill tail gas.

Both solutions could contribute to significantly reducing the environmental impact of the steel production cycle.

Pierroberto Folgiero, CEO of Maire Tecnimont Group and NextChem, commented: *"We are proud to collaborate with Acciaierie d'Italia in the development of a project that can offer a concrete solution for the decarbonization of the steel processing cycle and production. NextChem's Waste-to-Chemical technology, which is worksite-ready, can make a strong contribution to the green reconversion of traditional industrial sites"*.

Lucia Morselli, Chief Executive of Acciaierie d'Italia, said: *"Contributing to the energy transition is exactly the responsibility of every company. NextChem's circular gas technology is of great interest to Acciaierie d'Italia because, once verified, it goes in the direction of decarbonizing our plants"*.



Maire Tecnimont S.p.A.

Maire Tecnimont S.p.A., listed on the Milan Stock Exchange, heads an industrial group which leads the global natural resource conversion market (downstream oil & gas plant engineering, with technological and executive expertise). Its subsidiary NextChem operates in the field of green chemicals and technologies in support of the energy transition. The Maire Tecnimont Group operates in approx. 45 countries, through approx. 50 operative companies and about 9,100 people. For further information: www.mairetecnimont.it - www.nextchem.it

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Acciaierie d'Italia S.p.A.

Acciaierie d'Italia is the leading Italian steel group. It produces the steel needed by leading sectors of Italian and European industry: from automotive to construction, from manufacturing to the food sector. Acciaierie d'Italia's sites and facilities occupy a total area of more than 17 million square meters, and employ more than 10,000 people, in addition to the employees of allied companies. For further information: www.acciaierieditalia.com

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