

## **NEXTCHEM (MAIRE) SIGNED AGREEMENT TO USE INERT GRANULATE DERIVING FROM THE WASTE-TO-CHEMICAL PROCESS TO DECARBONIZE THE CEMENT PRODUCTION**

- **MyRechemical, a leader in waste-to-chemical solutions, has signed an MoU with Colacem to valorize inert granulate obtained from the chemical conversion of waste in the cement production, maximizing circularity**
- **The agreement will help reduce CO<sub>2</sub> emissions in the cement production**

*Milan, 23 January 2024* – **MAIRE** announces that **NEXTCHEM (Sustainable Technology Solutions)**, through its subsidiary MyRechemical, a leader in waste-to-chemical technology solutions, and **Colacem**, a major Italian cement producer, signed a Memorandum of Understanding (MoU) to valorize the inert granulate derived from the waste-to-chemical process by reusing it in cement production. The agreement will apply to all MyRechemical's waste-to-chemical initiatives to be implemented in Italy.

A research by University of Modena and Reggio Emilia, supported by laboratory tests carried out by Colacem, confirmed that inert granulate deriving from waste-to-chemical process can be effectively re-used as raw material for the production of cement.

According to the agreement, MyRechemical will supply the inert granulate resulting from its waste-to-chemical process to Colacem, thus maximizing the material recovery and minimizing its landfill disposal. In this way, MyRechemical will be able to reach a conversion rate of approximately 95% of the processed waste, reducing the amount of remaining waste to be disposed into landfill to 5%, well below the 10% target set by the European Union for 2035. Colacem, in turn, will contribute to the decarbonization of its industrial process by using a circular material, in line with its sustainability plan.

**Alessandro Bernini, MAIRE CEO, commented:** “We are happy to increase our collaborations with major industrial players to accelerate the decarbonization of hard-to-abate sectors, thanks to our role of energy transition technology enabler.”

**Giacomo Rispoli, MyRechemical Managing Director,** added: “Through our technology, we will implement with Colacem an innovative circular solution which will enable MyRechemical to exceed for the first time the 90% EU target of waste transformed into valuable products in the industry, reducing at the same time the CO<sub>2</sub> footprint of the cement sector”.

**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 7,000 employees, supported by over 20,000 people engaged in its projects worldwide. MAIRE is listed on the Milan Stock Exchange (ticker “**MAIRE**”).  
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