

TECNIMONT (MAIRE) AWARDED A FRONT-END-ENGINEERING DESIGN FOR AN INTEGRATED GREEN HYDROGEN AND AMMONIA PLANT IN PORTUGAL

- **Tecnimont will carry out FEED and will submit an EPC proposal for a large-scale plant that will produce green hydrogen and green ammonia from dedicated renewable energy**
- **The scope of work includes electrolyzers' integration, air separation unit for nitrogen production, ammonia production plant, as well as storage and ship loading facilities**
- **This award is further proof of the synergies between Tecnimont's E&C competences and NextChem Tech's technological know-how for hydrogen production**

Milan, 5 February 2024 –**MAIRE (MAIRE.MI)** announces that **Tecnimont (Integrated E&C Solutions)** has been awarded a **FEED contract by MadoquaPower2X** to develop an integrated green hydrogen and green ammonia plant located in the industrial zone of Sines, Portugal. MadoquaPower2x is a consortium comprised of Madoqua Renewables, Power2X and Copenhagen Infrastructure Partners (CIP), through its Energy Transition Fund.

The project involves the production of green hydrogen using alkaline-water electrolyzer technology and production of green ammonia through the Haber-Bosch process. Green ammonia will be transported by pipeline to the Port of Sines and loaded for export and/or used as maritime fuel.

Tecnimont's scope of work entails the design of the electrolyzers' integration, air separation unit for nitrogen production, ammonia production plant, as well as storage and ship loading facilities. As part of the agreement, Tecnimont will also submit an Engineering, Procurement and Construction proposal for the construction activities of the plant. The Final Notice to Proceed is expected by 22 March 2024.

This award follows a PRE-FEED carried out by NextChem Tech, MAIRE's Sustainable Technology Solutions subsidiary and is further proof of the synergies and cross-fertilization at the base of MAIRE's positioning as a leading Integrated Technology and E&C solutions provider. As such, Tecnimont will provide its EPC expertise leveraging on NextChem Tech's technological competences for hydrogen production and storage.

MadoquaPower2X will use renewable energy generated by solar and wind assets under development in Portugal and up to 500 MWs of electrolysis capacity to produce up to 1,200 MTPD of green ammonia. It will be the first facility in Sines, the largest industrial and logistic hub in the Iberian Peninsula, to produce clean energy at an industrial scale and with the highest environmental and safety standards. The project is geared towards the set-up of an export energy carrier value chain between the Port of Sines (Portugal) and Northwestern European Hub.

Alessandro Bernini, MAIRE CEO, commented: “The synergic approach among our Group’s companies is the key success factor of MAIRE’s value proposition. This award shows the Group’s strength in the green hydrogen and ammonia production segment, which helps supporting the transition to a clean energy system”.

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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