

**NEXTCHEM AWARDED PRE – FEED ENGINEERING SERVICES CONTRACT FOR
THE INTEGRATED RENEWABLE HYDROGEN AND GREEN AMMONIA
MADOQUAPOWER2X PROJECT IN SINES, PORTUGAL**

- **Engineering services agreement signed at the presence of His Excellency João Galamba, Secretary of State for Environment and Energy – Government of Portugal - at Gastech 2022 in Milan**
- **Integrated renewable hydrogen and green ammonia plant with initial capacity of 500 MW for electrolyzer and up to 500kt/y of green ammonia, avoiding up to 600,000 t/y CO2 emissions in this initial phase**
- **The project will produce renewable hydrogen and green ammonia which can serve both the internal and export markets**

Milan, 6 September 2022 – **Maire Tecnimont S.p.A.** announces that its subsidiary **NextChem** has been awarded a **Pre-FEED engineering services contract by MadoquaPower2X** – the Portuguese/Dutch/Danish consortium led by **Madoqua Renewables** along with **CIP's Energy Transition Fund and Power2X** to develop and operate an integrated renewable hydrogen and green ammonia plant located in Sines, Portugal. The agreement was signed at **Gastech** at the presence of **H.E. João Galamba, Secretary of State for Environment and Energy – Government of Portugal.**

The purpose of the Pre-FEED engineering services includes early studies, technology and process review, modularity and logistics analysis, front end loading of engineering required to undertake the permitting and licensing for the project.

MadoquaPower2X will use renewable energy and 500 MW of electrolysis capacity to produce annually 50,000 tons of green hydrogen along with green ammonia plant capacity of up to 500,000 kt/y with up to 600,000 t/y CO2 emissions avoided in this initial phase. It is the first project to be installed at the future energy and technological hub of Sines with an industrial scale. The consortium is committed to developing, installing and operating the project to the highest environmental and safety standards. It will be located in Portugal, in the Sines industrial zone – ZILS – and will generate economic growth with an activity classified as sustainable according to the latest EU Taxonomy. The project is geared towards the set-up of an export energy carrier value chain between the Port of Sines (Portugal) and Northwest European destinations.

João Galamba, Secretary of State for Environment and Energy – Government of Portugal:
“Climate neutrality by 2050 requires bold decisions on sustainable investments with a focus on energy and climate goals, while allowing economic recovery and MadoquaPower2X in Sines is a

good example of this. From ambition we moved to action, and we are pleased to witness this important milestone for MadoquaPower2X and Maire Tecnimont, confirming the right path to meet the goals we have set for energy transition. I congratulate the partners of this project for their commitment and dedication”.

Alessandro Bernini, Chief Executive Officer of Maire Tecnimont Group and NextChem: “We are proud of this agreement with MadoquaPower2X and CIP as it targets a project with a significant impact on the renewable hydrogen-based economy in Europe. A project of this nature is a great example of sustainable European energy security, connecting the renewable potential of Portugal with Northern European energy infrastructure through green hydrogen”.

Rogaciano Rebelo, Chief Executive Officer – Madoqua Renewables: “We are excited to bring Maire Tecnimont and NextChem on board to accelerate the licensing and engineering phases of our project. Maire Tecnimont Group has 70 years of engineering excellence and delivered over 1,500 chemical and power plants globally, thereby demonstrating its capacity to engineer a complex first of a kind large scale electrolysis-based ammonia project”.

MadoquaPower2 X consortium members

***Madoqua Renewables** is a Portuguese industrial transformation and development company focused on energy transition and delivery of new generation industrial process assets with a specific focus on net zero carbon projects. Madoqua Renewables is developing project assets valued at €2 billion across the hydrogen value chain.*

***Power2X** is a project developer and management consultancy for energy transition projects across Europe, Africa and the Middle East. The company is based in Amsterdam and works with several business partners on new projects in the energy transition. The focus is on sizeable projects in green and blue hydrogen as well as related conversion, storage and end use assets, all with a focus on decarbonization of industry.*

***Copenhagen Infrastructure Partners** was founded in 2012 and is today the world’s largest dedicated fund manager within greenfield renewable energy investments and a global leader in offshore wind. The funds managed by CIP focuses on investments in offshore and onshore wind, solar PV, biomass and energy-from-waste, transmission and distribution, reserve capacity and storage and Power-to-X.*

CIP manages ten funds and has to date raised approximately €18bn for investments in energy and associated infrastructure from more than 120 international institutional investors. CIP will accelerate its role in the global energy transition and aims to have €100bn under management in green energy investments in 2030.

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.

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