

Press release
January 4, 2023

New contract

Elogen is selected by ENERTRAG for the supply of a 10 MW PEM electrolyser

Elogen, a GTT group company, announces the signature of a contract, in December 2022, with the European specialist in renewable energy solutions ENERTRAG SE to design and produce a PEM electrolyser (Proton Exchange Membrane) with a power of 10 MW. Elogen will install its technology on a site near Magdeburg, in Germany, in 2024. The project is one of many green hydrogen projects currently developed by ENERTRAG in North and Middle Germany.

The Elogen electrolyser will produce up to four tonnes of green hydrogen per day, the electrical energy needed for electrolysis coming exclusively from renewable sources.

The electrolyser will enable the power system to compensate for wind and solar fluctuations. The green hydrogen produced will contribute to decarbonising heavy industry and long-distance trucking, to producing electricity in the event of “dark-doldrums”¹ and, in the medium term, to supplying the 100% hydrogen pipelines of the gas transmission system operator ONTRAS.

Jean-Baptiste Choimet, Managing Director of Elogen, declares: “ We are particularly proud that the Elogen membrane electrolysis technology has been chosen for its performance by ENERTRAG, a leading European player in innovative renewable energy solutions. This is also an important step for Elogen since this contract concerns an electrolyser with a capacity of 10 MW, confirming the scaling-up of our technology for larger projects.”

Manuela Blaicher, Head of PtX Project Development at ENERTRAG SE, states: “ENERTRAG is very proud to announce this step towards a 10 MW electrolysis capacity in Germany with many possibilities of deployment, both in industry and in the mobility

¹ “Dark doldrums” (from the German “Dunkelflaute”) is a period during which there is neither wind nor sun, making it impossible or very limited the production of solar or wind energy.



sector. *With this reference plant, we will produce hydrogen from renewable energies on an industrial scale.*”

About Elogen

Elogen, a technological expert at the service of green hydrogen, develops cutting-edge technologies to design and produce PEM (Proton Exchange Membrane) electrolysers to meet new uses of hydrogen in mobility, industry and energy storage. Elogen, a company of the GTT group, relies on a powerful R&D and a rigorous manufacturing process to provide its customers with competitive, reliable systems tailored to their needs. The technological solutions developed by Elogen, particularly suitable for renewable energies, demonstrate high efficiency and performance.

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About ENERTRAG

ENERTRAG is one of the largest renewable-energy companies in Germany, and the largest in Brandenburg. We develop, build, own and operate integrated energy plants that produce reliable electricity, green hydrogen and heat from wind and solar power. ENERTRAG has more than two decades of experience in successful and efficient renewables-projects development and implementation. We realized projects with a total capacity of 2 GW and raised more than €2 billion of debt and equity. We produce close to 2 TWh of electricity per year from our own assets and manage over 1,000 wind turbines from our own fleet and for clients. Our close to 1,000 employees combine all the competencies required for successful operation and efficient maintenance, for local-community-oriented planning and reliable construction of energy plants and grids up to complete interconnected power plants. We are always one energy ahead – be it in grid solutions, storage solutions or in sector coupling with power-to-heat or green-hydrogen plants.

More information on enertrag.com

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About GTT

GTT is a technological expert in containment systems with cryogenic membranes used to transport and store liquefied gases. For over 50 years, GTT has been designing and providing cutting-edge technologies for a better energy performance, which combine operational efficiency and safety, to equip LNG carriers, floating terminals, land storage, and multi-gas carriers. GTT also develops systems dedicated to the use of LNG as fuel, as well as a full range of services, including digital services in the field of Smart Shipping. The Group is also active in hydrogen through its subsidiary Elogen, which designs and assembles electrolysers notably for the production of green hydrogen.

GTT is listed on Euronext Paris, Compartment A (ISIN FR0011726835 Euronext Paris: GTT) and is notably included in SBF 120, Stoxx Europe 600 and MSCI Small Cap indices.

For more information, visit www.gtt.fr.

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