

## New contract

# Elogen is selected to equip the SmartQuart project led by E.ON in Germany

**Elogen announces that it has been selected by E.ON, as part of the SmartQuart project, for the supply of a 1MW electrolyser, a transformer and a compression unit. The partnership also provides for the R&D development of a hydrogen purification unit.**



Elogen announces the signing of a contract with the German energy company E.ON, as part of its major SmartQuart project.

As part of this new partnership, Elogen will supply E.ON with a 1MW containerized electrolyser with a production capacity of 200 m<sup>3</sup> of hydrogen per hour. The electrolyser will be equipped with a transformer and a compression unit. The integration of this equipment will allow the electrolyser to reach an unequaled level of efficiency and will enable it to produce hydrogen for multiple uses.

The electrolyser will be delivered to the Kaisersesch site in Germany and commissioned in the second half of 2022.

The partnership also provides for the R&D development by Elogen of a hydrogen purification unit. This innovative equipment will be developed by the Elogen teams in Les Ulis, France, and will be installed in the electrolyser delivered by Elogen to E.ON. It will achieve a purity level of 99.999%.



SmartQuart is part of the "Reallabore der Energiewende" program of the Federal Ministry for Economic Affairs and Energy in Germany.

As a true full-scale laboratory for the energy of the future, the SmartQuart project aims at transforming energy consumption in three districts of the German cities of Essen, Bedburg and Kaisersesch, by the end of 2024. Developed by a consortium of ten partners under the leadership of E.ON, SmartQuart is funded by the German Federal Ministry of Economics and Energy, which will invest a total of more than 60 million euros in this project.

In the district of Kaisersesch, where the Elogen electrolyser will be installed in 2022, the choice fell on the production of green hydrogen.

**Jean-Baptiste Choimet, Managing director of Elogen, declares:** *"SmartQuart is a formidable laboratory for the energy of the future, and sets an example on a European scale. It is for this reason that the Elogen teams are particularly proud that their technological expertise and the power of their R&D have been chosen to support E.ON in this great project."*

**Dr. Stefan Stollenwerk, E.ON lead project manager on the project, stated:** *"In order to achieve a fully operational hydrogen market we need local microgrids to grow together. The project SmartQuart Kaisersesch takes the first step."*

**For further information about SmartQuart, visit:** <https://smartquart.energy/> or <https://smartquart.energy/english-abstract/> for an English abstract.

#### **About Elogen**

##### **Elogen, a technological expert at the service of green hydrogen**

Elogen is developing advanced technologies to design and produce PEM (Proton Exchange Membrane) electrolysers to meet new uses of hydrogen in mobility, industry and energy storage. Elogen, a GTT technology group company, relies on a powerful R&D and a robust manufacturing process to provide its customers with competitive, reliable systems tailored to their needs. The technological solutions developed by Elogen, particularly suited to renewable energies, demonstrate superior efficiency and competitiveness.

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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 and MSCI Small Cap indices.

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