

Air Liquide takes the final investment decision to build ELYgator, a large-scale electrolyzer in the Netherlands

Air Liquide takes a major step forward in European decarbonization efforts with the final investment decision to launch the construction of ELYgator, a 200 MW electrolyzer project in Maasvlakte, in the Port of Rotterdam. This project reinforces our leadership in low-carbon hydrogen production and represents a significant advancement in the decarbonization of European industrial needs.

This pivotal decision follows crucial support from the Dutch government through the OWE¹ subsidy scheme, complementing prior support from the European Innovation Fund and the Dutch IPCEI² program. **Both this continued support as well as the refined regulatory framework were key to the project's advancement.**

As announced in [February 2025](#), Air Liquide will invest more than 500 million euros to build, own and operate the electrolyzer, supplying notably TotalEnergies' industrial platform through a long term contract. The ELYgator project will produce 23,000 tons of renewable hydrogen annually, serving industrial and heavy-duty mobility customers, reducing up to 300,000 tons of CO₂ emissions per year of operation.

This electrolyzer is a first of its kind integrating both Proton Exchange Membrane and Alkaline technologies on the same site. The project aims to be operational by the end of 2027.

Emilie Mouren-Renouard, Group Executive Committee member, notably in charge of supervising activities in Europe, said: *"This investment decision is an important milestone and demonstrates our commitment to renewable hydrogen development. We firmly believe that robust, large-scale initiatives like ELYgator will deliver a real impact for the European industry and heavy-duty mobility sectors. We welcome the support from the Dutch Government, which has been instrumental in our decision to move forward with this significant decarbonization project. ELYgator illustrates our drive to develop concrete technologies and solutions that directly contribute to Europe's ambitions towards climate neutrality by 2050."*



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Netherlands Enterprise Agency

The ELYgator project is supported by the subsidy programs IPCEI Hydrogen and OWE that the Netherlands Enterprise Agency carries out on behalf of the Ministry of Climate Policy and Green Growth.

¹ Subsidy scheme for large-scale hydrogen production using an electrolyzer

² Important Projects of Common European Interest

CONTACTS

Corporate Communications
media@airliquide.com

Investor Relations
IRTeam@airliquide.com

Air Liquide is a world leader in gases, technologies and services for industry and healthcare. Present in 60 countries with approximately 66,500 employees, the Group serves more than 4 million customers and patients. Oxygen, nitrogen and hydrogen are essential small molecules for life, matter and energy. They embody Air Liquide's scientific territory and have been at the core of the Group's activities since its creation in 1902.

Taking action today while preparing the future is at the heart of Air Liquide's strategy. With ADVANCE, its strategic plan, Air Liquide is targeting a global performance, combining financial and extra-financial dimensions. Positioned on new markets, the Group benefits from major assets such as its business model combining resilience and strength, its ability to innovate and its technological expertise. The Group develops solutions contributing to climate and the energy transition — particularly with hydrogen — and takes action to progress in areas of healthcare, electronics and high technologies.

Air Liquide's revenue amounted to more than 27 billion euros in 2024. Air Liquide is listed on the Euronext Paris stock exchange (compartment A) and belongs to the CAC 40, CAC 40 ESG, EURO STOXX 50, FTSE4Good and DJSI Europe indexes.