



Press Release

Porthos Assumes Control of TAQA Platform, Pioneering Europe's First CO₂ Storage Site Transformation

Rotterdam, 6 May 2025 – Porthos has assumed control of TAQA's P18-A gas production platform and its associated wells and gas fields under the Dutch North Sea, marking a significant moment in the development of Europe's first CO₂- storage facility. The official transfer initiates the start of a large-scale and unique conversion operation from production platform to CO₂-injection platform. The work will be carried out by TAQA, on behalf of Porthos.

From gas extraction to CO₂ storage

With this major transformation, the P18-A platform will be made suitable for the injection of CO₂, originating from industries in the Port of Rotterdam. The CO₂ will be transported via a pipeline over land and under the North Sea to the platform, where it will be injected into depleted gas fields at more than three kilometers depth below the seabed.

New phase in CO₂ infrastructure

"For Porthos, the conversion of the P18-A platform marks the start of a new phase in the development of CO₂ storage infrastructure," said Hans Meeuwssen, Project Director at Porthos. "The platform will not only get a new function but will also be made sustainable. Thanks to solar panels and wind turbines, it will become a self-sufficient platform."

René Zwanepol, Managing Director of TAQA Netherlands, said: "Porthos is playing a pioneering role in the Dutch energy transition, particularly in advancing CCS technology. TAQA is proud to partner with key private and public stakeholders to lead the conversion of the platform and wells, leveraging our knowledge and expertise. Together, we are making the repurposing of former gas extraction infrastructure a reality."

From gas production platform to injector

Originally used for natural gas extraction, the platform will now undergo modifications to accommodate the installation of the equipment required to support CO₂ injection. The existing production wells will be converted into injection wells. In addition, monitoring systems will be set up to precisely track pressure and temperature throughout the injection process.

Reduction of CO₂ emissions

With this conversion and reuse of the platform, the wells, and the former gas fields, Porthos makes a significant contribution to the reduction of CO₂ emissions in the Port of Rotterdam. The expectation is that the work on the platform will be completed by the end of 2025 and that the Porthos infrastructure will be operational in 2026.



About Porthos

Porthos is a collaboration between EBN, Gasunie, and the Port of Rotterdam Authority. Porthos has been recognized by the European Union as a Project of Common Interest and has been awarded 102 million euros from the Connecting Europe Facility. More information about Porthos: www.porthosCO2.nl.

About TAQA

TAQA Netherlands is owner and operator of gas production facilities in the P18 and P15 blocks in the Dutch North Sea. It also owns and operates two underground storages for natural gas in the Dutch city of Alkmaar. The company is part of TAQA Group, based in Aby Dhabi, and active in 10 countries in the field of power and water. More information about TAQA Netherlands: <https://nl.taqa.com/en/>

Footage:

Rig Valaris 123 next to platform P18-A, ready to start transformation of former gas production infrastructure into CO₂ injection platform, wells and reservoir.

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