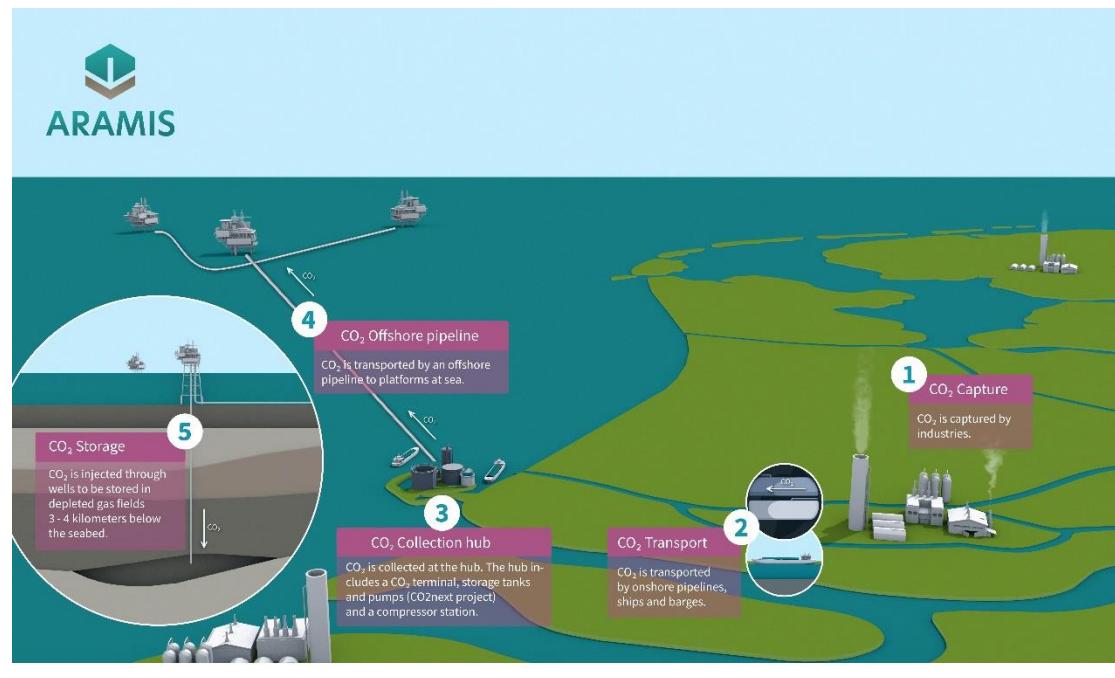


Aramis

Aramis is developing the infrastructure that will provide access to permanent CO₂ storage under the Dutch North Sea



ARAMIS 2021

Key facts & stats

- Location: Rotterdam, the Netherlands
- Potential impact by 2030: >5Mt CO₂/year
- Consortium: TotalEnergies, Shell, EBN and Gasunie
- CO₂ sources: hard-to-abate industries such as steel, chemicals, cement, refineries, waste incinerators
- Transport: pipeline (gas), coaster ships and river barges (liquid)
- Storage sites: depleted gas fields under the Dutch North Sea
- Status: pre-construction phase; final investment decision expected in 2024
- Operation: expected in 2027

Website

Aramis is expected to provide CO₂ transport to unlock permanent storage capacity for CO₂ captured by industry. The transport network aims to connect an onshore CO₂ collection hub at the Maasvlakte in the Port of Rotterdam with depleted gas fields 200 km to the north. Hard to abate industries, both in the Netherlands as well as in surrounding countries, have signaled their interest to make use of this infrastructure. The final investment decision is expected in 2024 and operations could start as soon as 2027.

The transport infrastructure will be operated by a consortium that includes

TotalEnergies, Shell, EBN and Gasunie, and plans to start operations with at least 5 Mt/year of carbon dioxide transported to storage locations under the North Sea. The total estimated storage capacity is more than 400 Mt.

The offshore transport pipeline will be based on an “open access” philosophy so that several industrial customers and storage fields operators can be added incrementally to the system. That is why this newly built pipeline will be designed with a 22 Mt/year transport capacity in mind. Aramis has received the status of EU Project of Common Interest.