

LIQUID CO₂ TERMINAL ROTTERDAM

As technology is being developed to further decarbonize the hard to abate industry, Gasunie and Vopak are investigating the development of CO₂next, an open access hub terminal for liquid CO₂ on the Maasvlakte in the Port of Rotterdam.

Open access

The open access hub terminal will be able to receive and deliver liquid CO₂ via ships and will be connected to depleted gas fields in the North Sea. The CO₂next terminal is a critical piece of CO₂ infrastructure, which can be leveraged as a part of CCS chains and the Carbon Utilisation Industry.

Supply chain & markets

- Supply of liquid CO₂ by inland and seagoing vessels and trains.
- Markets include Austria, Belgium, France, the Netherlands, Germany and Switzerland.
- Direct access from the terminal to pipelines and CO₂ storage facilities, such as those of Aramis.
- Dispatch of liquid CO₂ by ships and trains.

Initial phase

- Launch capacity of approx. 5.4 Mtpa.
- Storage capacity: 40,000 cbm.
- 2 jetties to receive sea going vessels & barges.

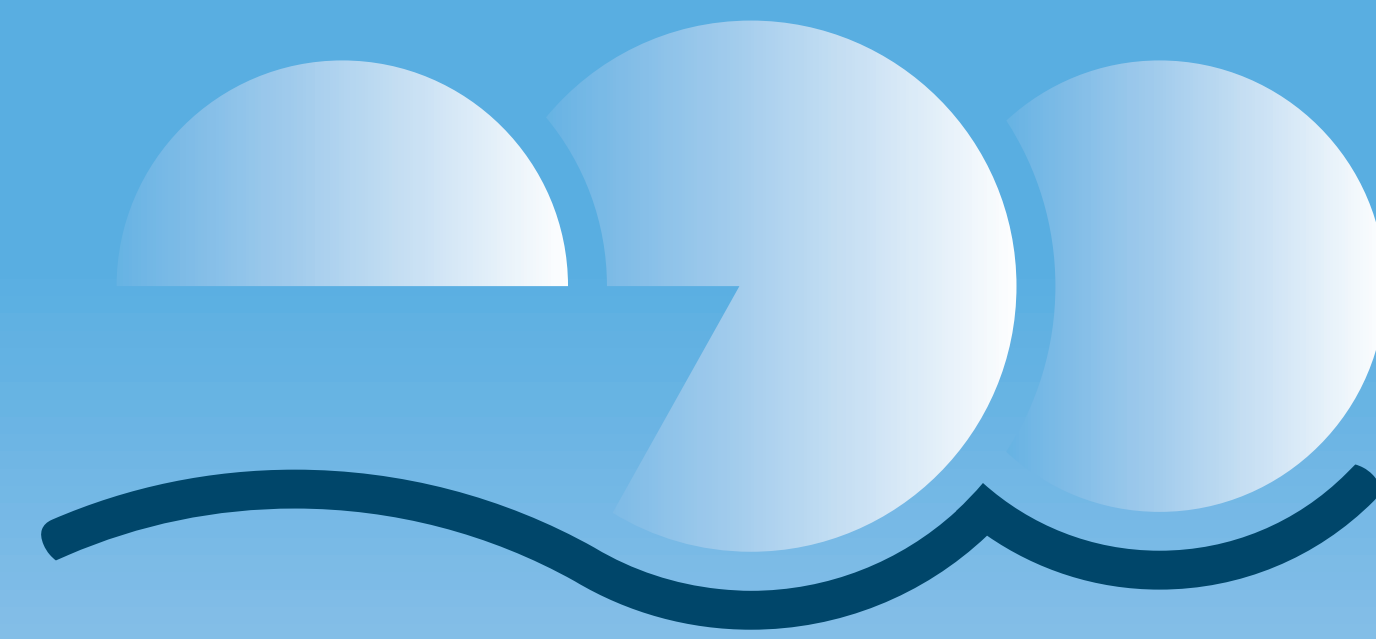
Further development

Capacity growth to approx. 15 Mtpa in two phases, depending on market demand & development of CCS chains.

More information

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CO₂next



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CO₂next scope

