

The H2M project:

Towards a clean and sustainable Dutch hydrogen economy

In order to live up the ambitions of the Paris Climate Agreement, Vattenfall, Equinor and Gasunie have formed a consortium to explore the large-scale production and off-take of carbon of CO₂-neutral hydrogen in the Eemsdelta area and to establish a clean hydrogen value chain that paves the way for a sustainable hydrogen economy. This 'H2M'-project has the potential to reduce Dutch CO₂ emissions with 2 million tons per year from 2024 onwards.

Why hydrogen?

Hydrogen is reliable and clean. It can be stored in large amounts and transported over long distances. It does not require new technology. It can be used to generate flexible CO₂-neutral electricity. And in addition, it can be used in many other applications such as transport and industry.

Towards the future

Vattenfall, Equinor and Gasunie see the H2M project as a first step to develop a hydrogen economy starting in the North of the Netherlands and as an important contributor to meeting 2030 climate targets, as up to 2Mton of CO₂ reduction can be achieved from 2024 onwards.

