

Moving towards 2030 and 2050 with hydrogen

The energy transition requires new forms of infrastructure and intelligent use of existing networks. Gasunie wants to invest in new infrastructure for renewable gases such as hydrogen.

Groningen Hamburg Seaports Port of Amsterdam Port of Rotterdam Ruhr area Conversion North Sea Port Transport Storage Antwerp Chemelot 2022 2021 2023 2024 H_s- projekt Hydrogen district **GZI Next** Djewels Element 1 **HyNetherlands** Hydrogen refuelling Northern H₂ Infra

2016 Paris Agreement:

2016

max. 2°C. This requires

- 40-50% in 2030
- 85-100% in 2050

as a raw material can help to achieve

Hydrogen pipeline

2018

Retrofit former natural gas

HyStock

2019

via 1 MW electrolysis test centre.

Hydrohub

stations and buses

2020

Haurup

Hoogeveen Construction of 80

2027

2-4 MW

2024 (12)

Hydrogen

storage

2025

H₂M



CUST



Hydrogen district Stad aan 't Haringvliet

North Sea Wind Farm

Backbone via existing infrastructure.

H-vision

HyNetherlands

2028

H₂M phase ₂

2029

CUST

2030

North Sea Wind Power Hub