IPCEI Insights
HyPerLink (DE40) – successes and challenges

18 June 2026

What to expect

- Gasunie in Facts and Figures
- Hyperlink project overview
- Successes
- Challenges
- Questions

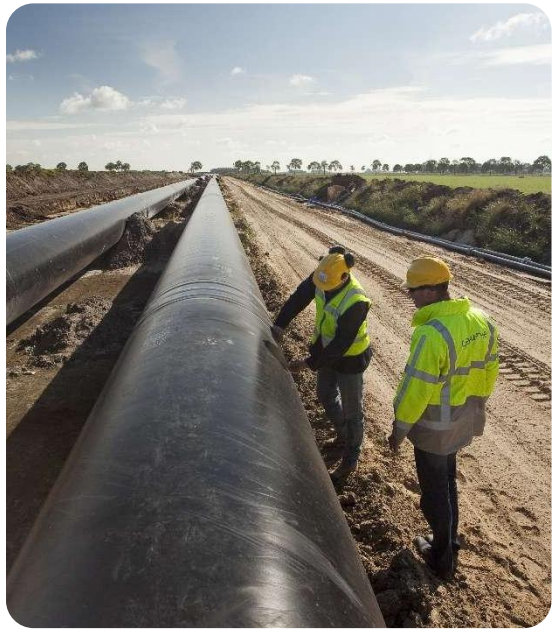
IPCEI Insights

18 June 2026

Since 1963
60+ years' experience in gas transmission

3,000+
colleagues

17,000km
pipeline network in the Netherlands and Germany



100+
collaboration partners

100%
owned by the Dutch State

Gasunie Deutschland in Facts and Figures

The Transmisssion Network

- Total length 4,700 km
- Transport volume 2025: 253 TWh

The Team

- Around 400 employees
- Of which: 150 employees work in network operations

Our Locations

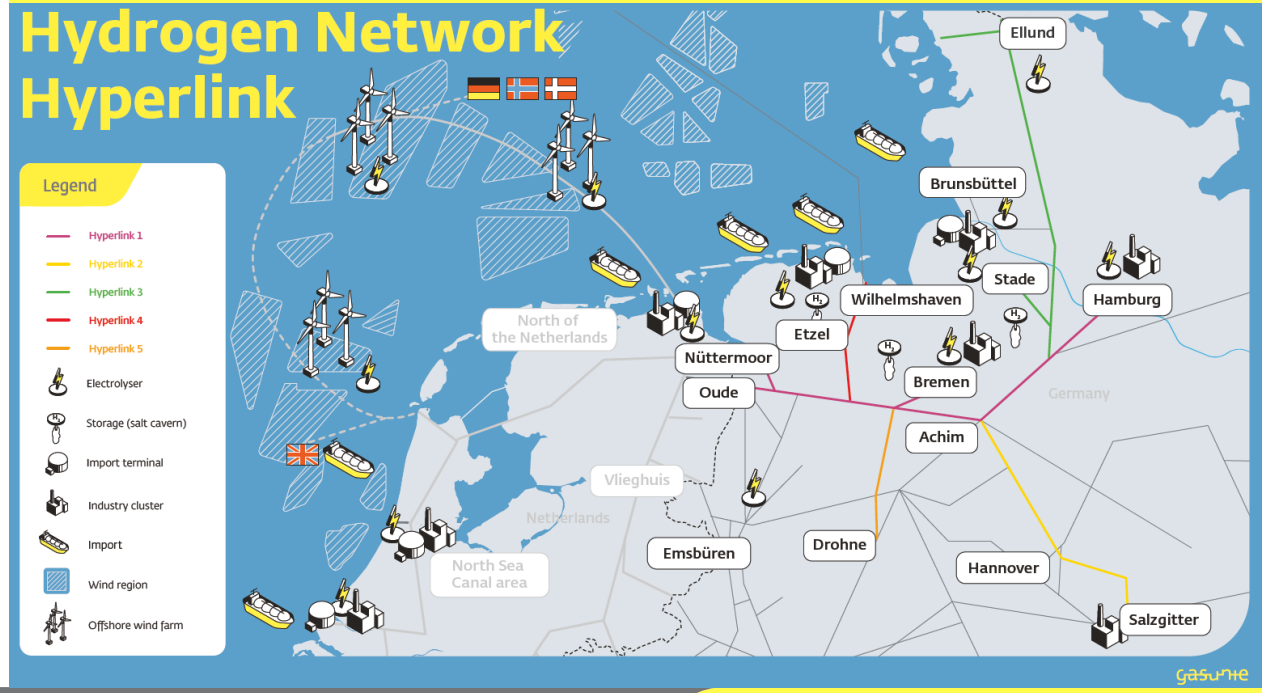
- Headquarter in Hanover
- 11 sites in Northwest Germany
- Including: 8 self-operated compressor stations and 13 metering and regulating stations
- 4 biogas feed-in facilities
- 1 hydrogen feed-in facility

Hyperlink project overview

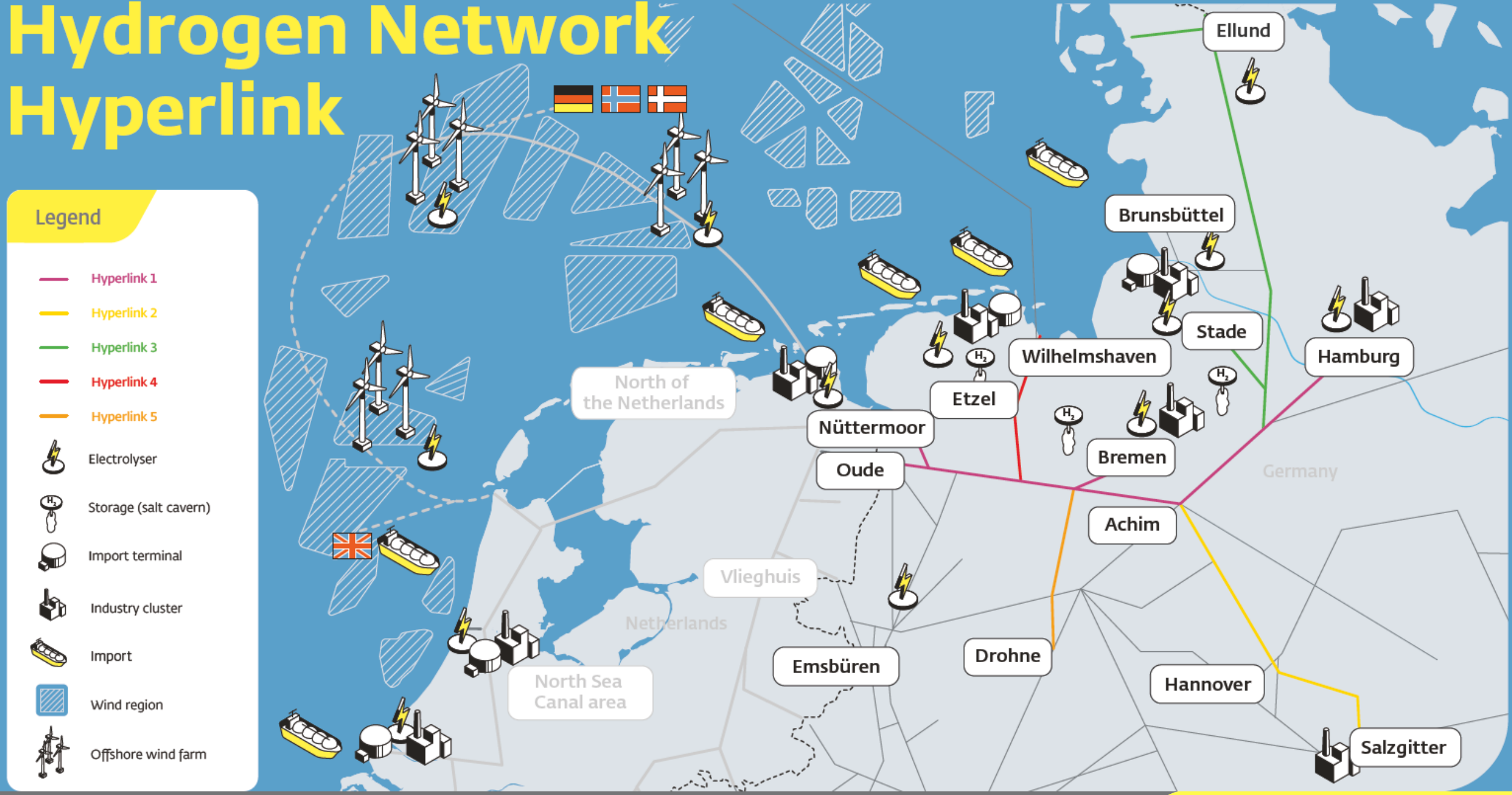
Hyperlink

- Represents about 10% of the German hydrogen core network
- Based 70% on conversion of existing natural gas pipelines
- Connects key production, import, and storage sites with major industrial clusters in northern and western Germany
- Links to national hydrogen networks in the Netherlands and Denmark
- Hyperlink 1 & 2 projects receive funding from the federal government and the states of Lower Saxony and Bremen

Infrastructure for the energy transition, decarbonisation and resilience of industry



Hydrogen Network Hyperlink



Successes

We are building!

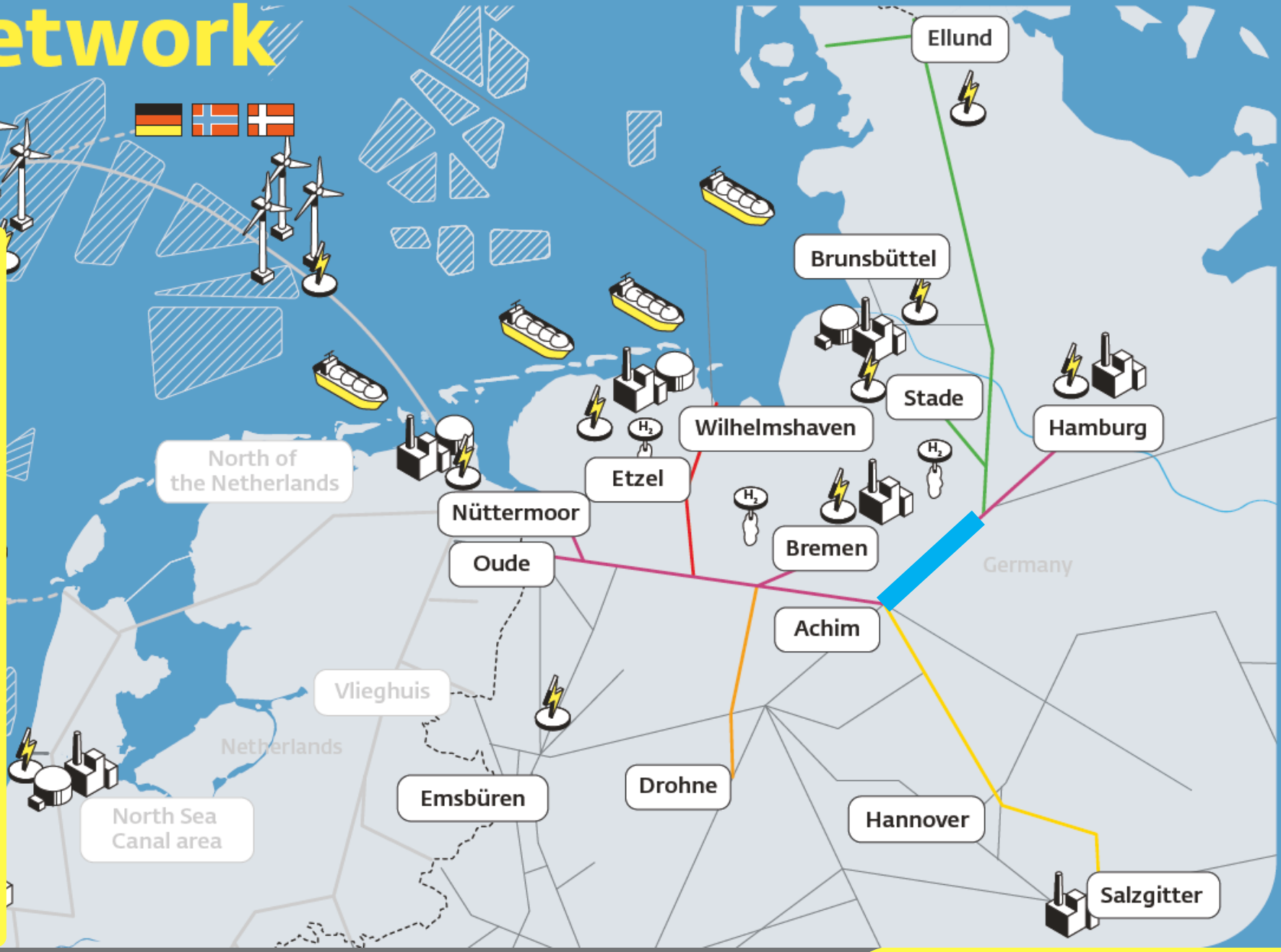
gasunie

Full of new energy

Hydrogen Network Hyperlink

Measures in 2023

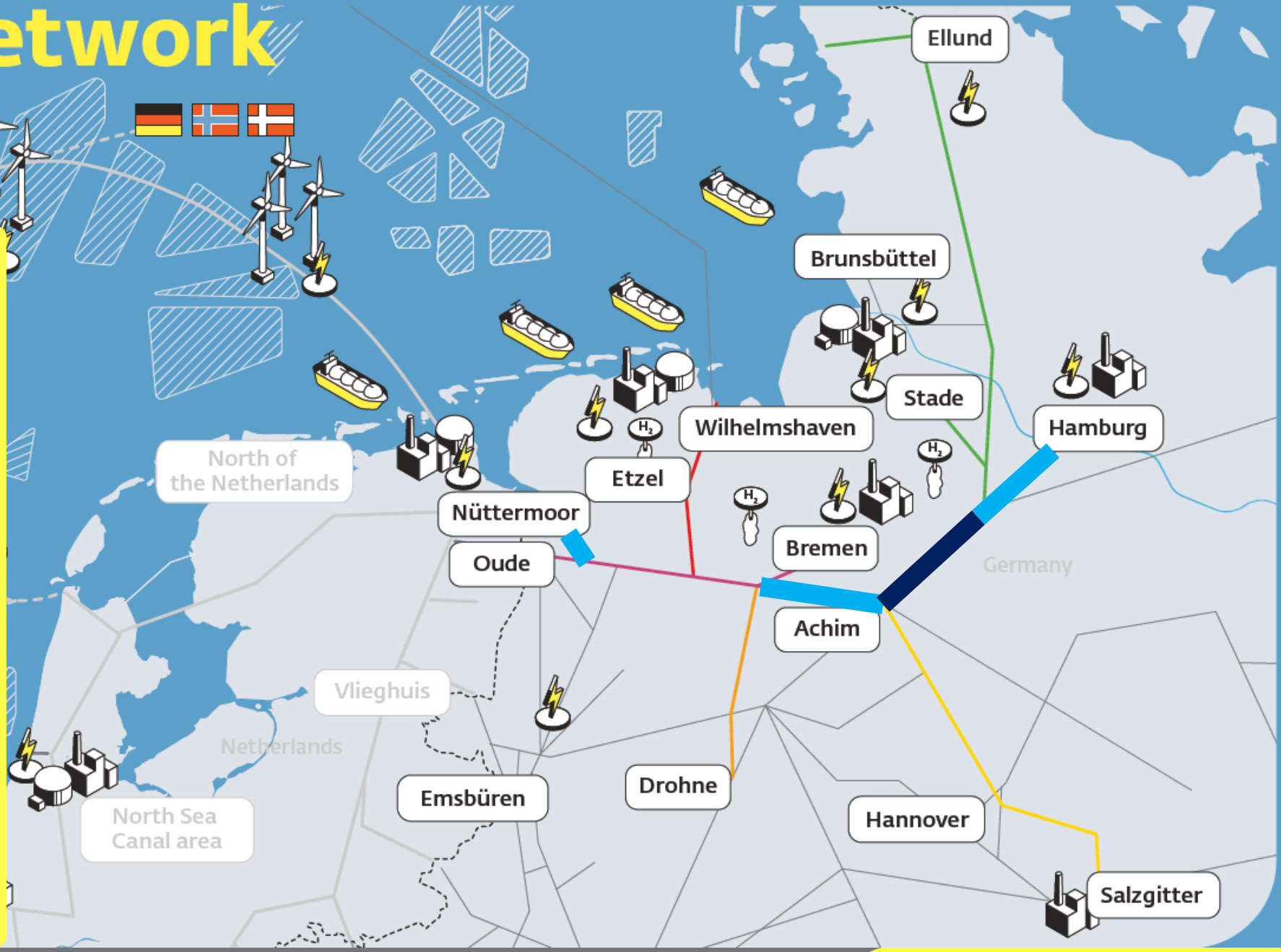
- 54 kilometers converted
- 12 stations converted
- 1966: pipeline in excellent condition
- Recommissioning December 2023



Hydrogen Network Hyperlink

Measures in 2024

- 67 kilometers converted
- 26 stations converted
- 1966 / 1971 / 1974: excellent condition
- Recommissioning autumn 2024



Hydrogen Network Hyperlink

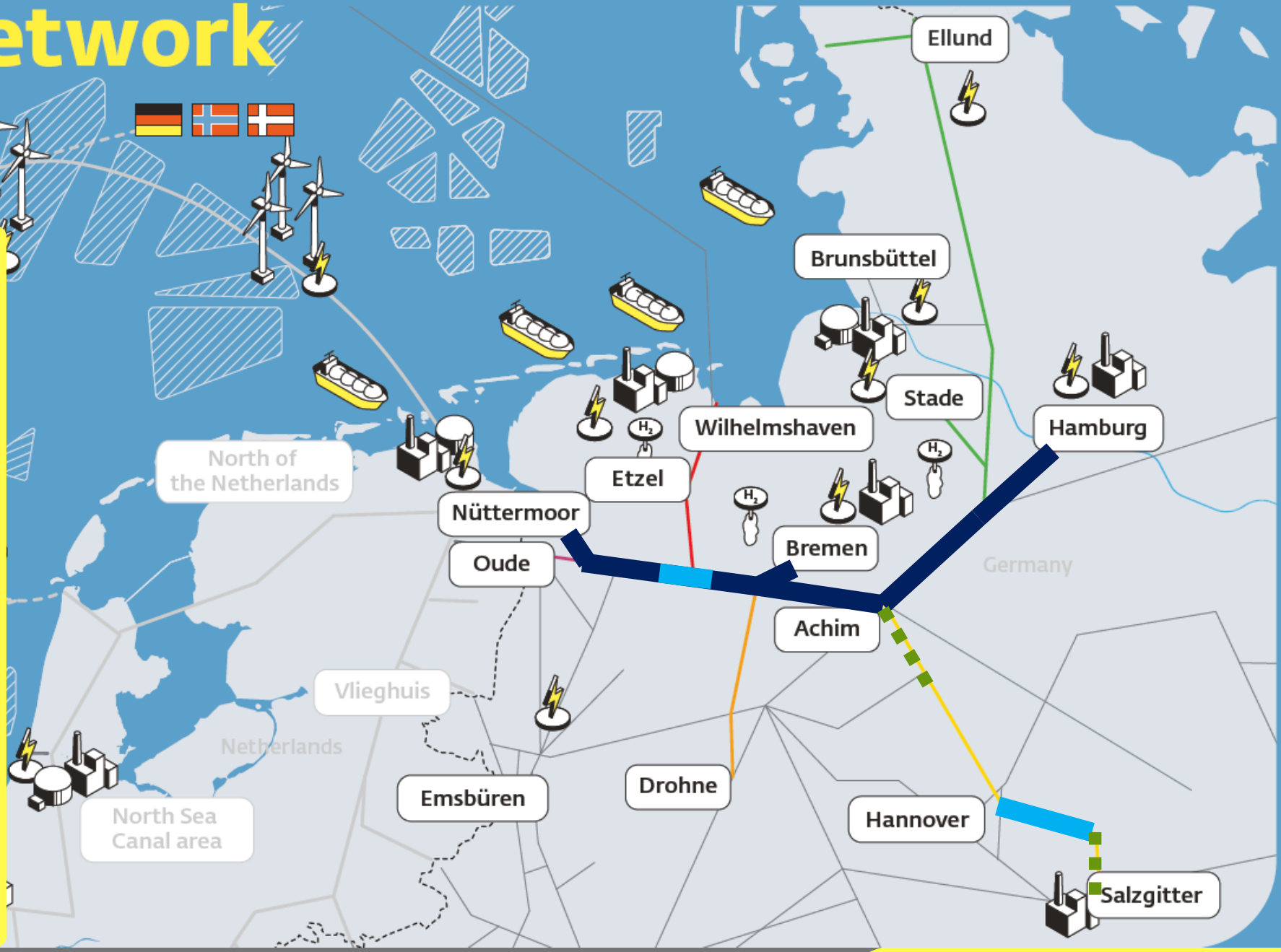
Measures in 2025

- 50 kilometers converted
- 23 stations converted
- 1964 / 1966 / 1978: excellent condition
- Recommissioning autumn 2025

Hydrogen Network Hyperlink

Current state in 2026

- Q2: 174 km in total have been converted
- Conversion works are ongoing
- Hyperlink 2: New-build pipelines are in permit phase



Low emission construction site Buchholz

Die grüne Baustelle - Unsere emissionsarme Baustelle mit wasserstoff- und elektrobetriebener Technik

(YouTube, FRIEDRICH VORWERK Group)

Exhibitions
Let’s talk about it!

Rotterdam
World Hydrogen Summit

Hannover
Industriemesse

Essen
E-world

Berlin
H2 Forum

Conferences
…and more!

Challenges

Construction sites within existing assets

Material availability 18 5/8“

Change of plans...

Day-to-day challenges

- Resource availability across multiple projects
  - Material suppliers
  - Gasunie staff
  - Contractors
- Permitting authorities
  - Resource availability
  - Permitting process duration
- Financial challenges
  - Contractor and material cost increases
  - Inflation

German weather

Ralf Behrse

Making it happen.

Questions and Discussion

With Hyperlink, Gasunie is advancing the development of a hydrogen network in Northern Germany.

The sub-projects Hyperlink 1 and 2 are being supported as IPCEI projects through funding from:

Bundesministerium
für Wirtschaft
und Energie

Niedersächsisches Ministerium
für Umwelt, Energie und Klimaschutz

Niedersächsisches Ministerium für Wirtschaft,
Verkehr, Bauen und Digitalisierung

Die Senatorin für Wirtschaft,
Häfen und Transformation

Freie
Hansestadt
Bremen

Let´s connect!

Jan Gottesleben
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