

Hyperlink 1 & 2

Insights into the conversion of existing natural gas infrastructure for future hydrogen transport

DCA Spring Talks – Aachen – 28.05.2026

Full of new energy

Agenda



01

Project Overview



02

Project Execution



03

Challenges



04

Achievements











01

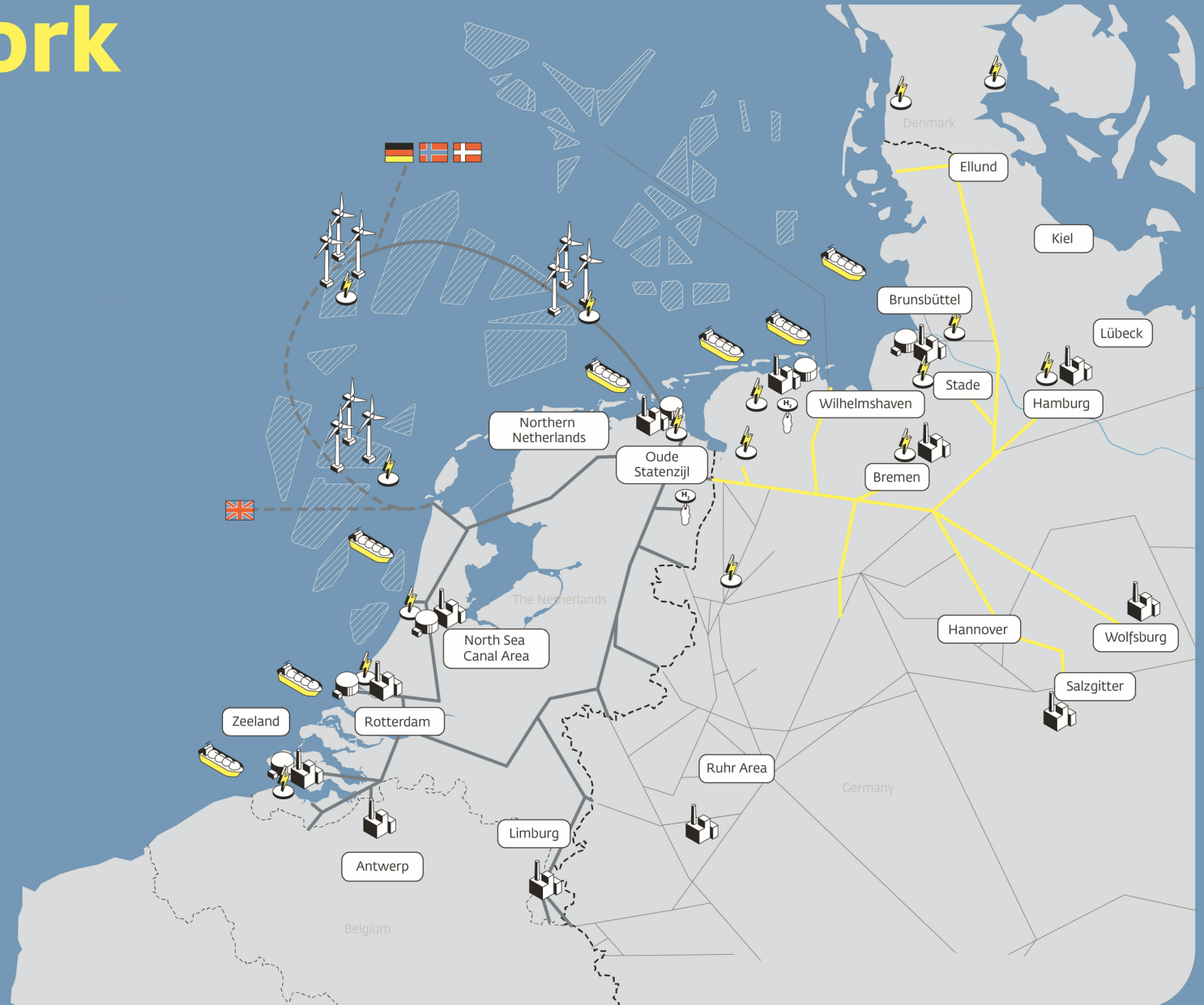
Project Overview



Hydrogen network Hyperlink











Legend

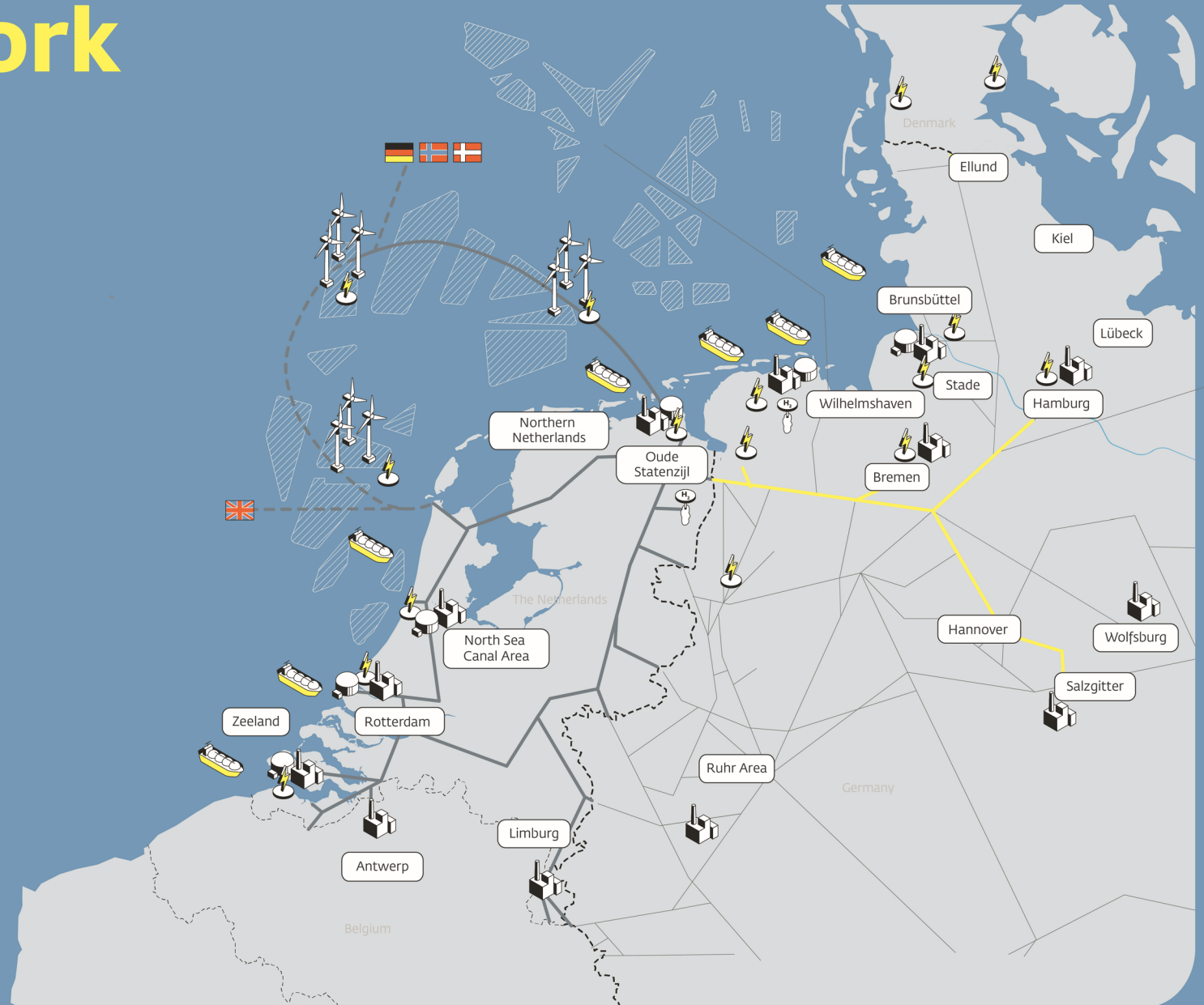
-  Dutch Hydrogen Network
-  German Hydrogen Network (part of Kernnetz)
-  Possible hydrogen pipelines
-  Industry cluster
-  Import
-  Wind region
-  Offshore wind farm
-  Electrolyser
-  Storage (salt cavern)
-  Import terminal



Hydrogen network Hyperlink 1-2

Legend

-  Dutch Hydrogen Network
-  German Hydrogen Network (part of Kernnetz)
-  Possible hydrogen pipelines
-  Industry cluster
-  Import
-  Wind region
-  Offshore wind farm
-  Electrolyser
-  Storage (salt cavern)
-  Import terminal



Project Overview

	2023	2024	2025	2026	2027
Length	55 km	72 km	50 km	65 km	23 km
Construction Sites	8	27	25	24	7
Construction Period	3	9	10	10	12
Commissioning	December	October / November	October	May / October	March / December
Construction Year	1966	1966 1971 1974	1964 1966 1978	1966 1967	1966 1967 1976

02

Project Execution



Approach

Expert Review



Planning
Permit
Procurement



Construction



Classification I



Type 0 - 2

Decommissioning / Dismantling of:

- Decommissioned Valves
- Exits
- Valve Station + Bypass



Type 3

Refit Valve Station + Bypass

Classification II



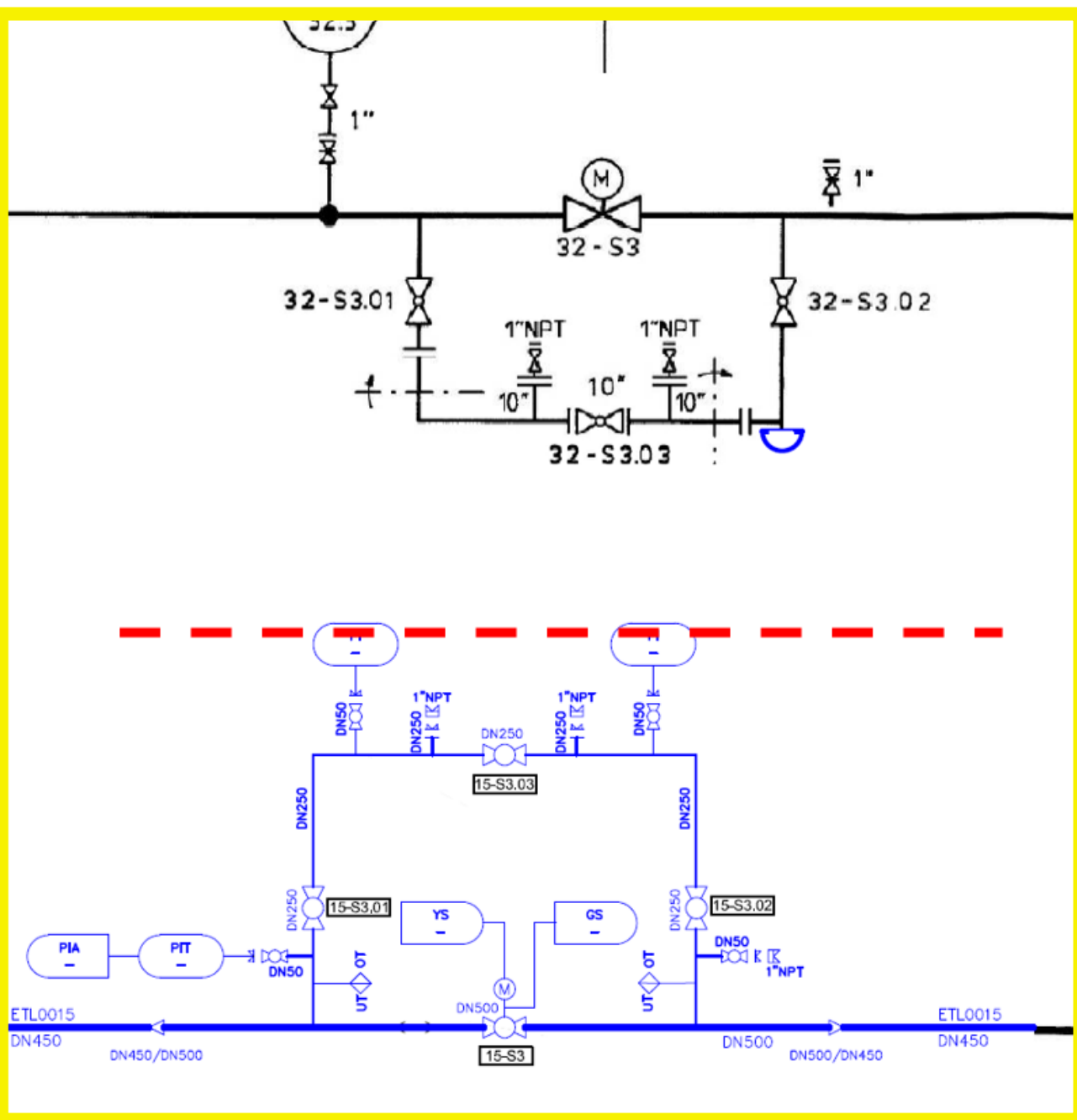
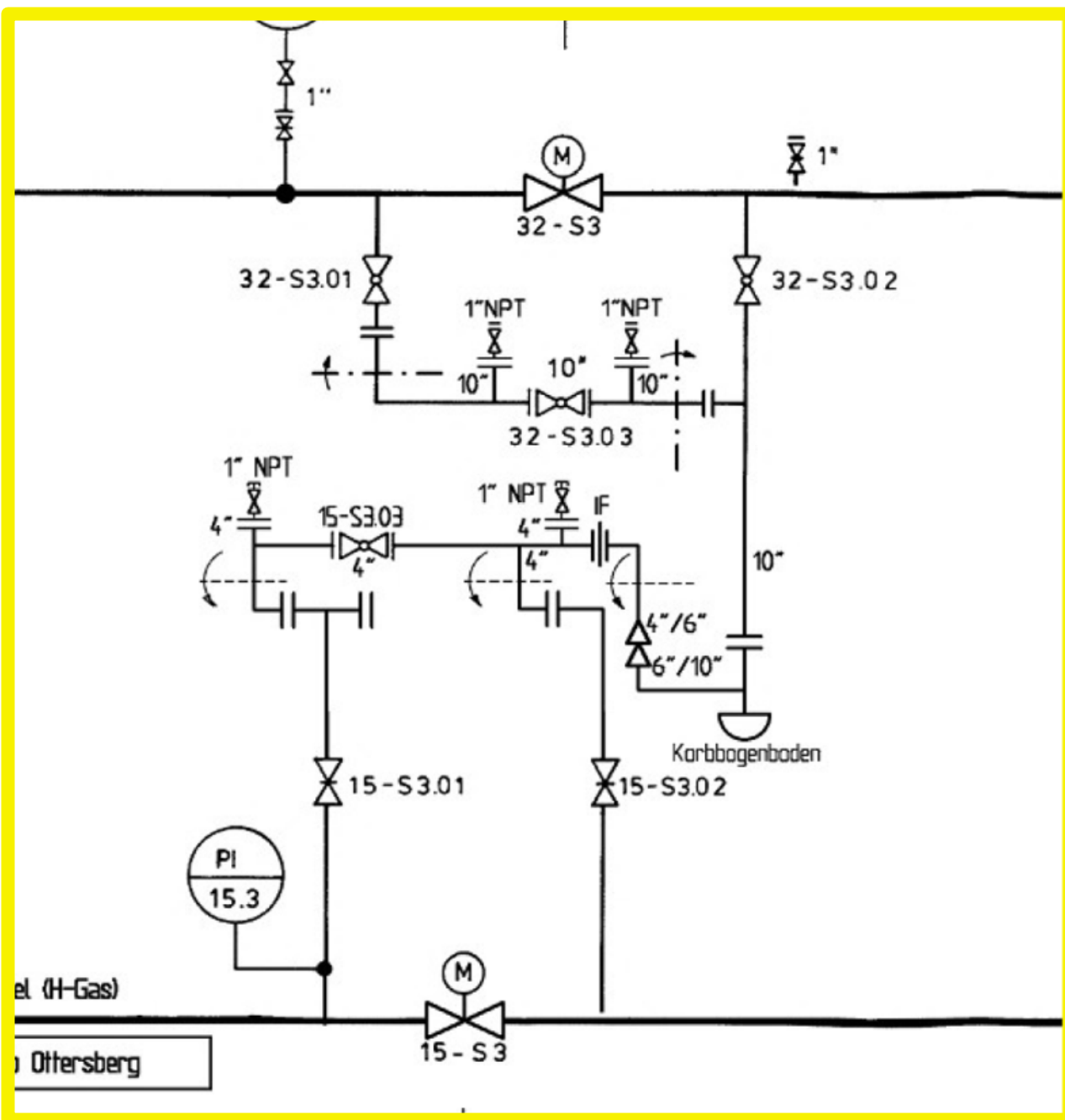
Type 4

Refit bigger Stations



Type 5

New Builts







03

Challenges



Challenges

Open Heart Surgery



Timeline



Ressources



Challenges

Unkown
Unkowns



Material
Availability



Overall
Dependencies



04

Achievements



Achievements

Working in
accordance with
HSE



Making the
future visible!



Low Emission
Construction
Site



Mit Hyperlink arbeitet Gasunie am Aufbau eines Wasserstoffnetzes in Norddeutschland.

Die Teilprojekte Hyperlink 1 und 2 erhalten als IPCEI eine Förderung aus Mitteln des:

Gefördert durch:



Bundesministerium
für Wirtschaft
und Energie

aufgrund eines Beschlusses
des Deutschen Bundestages



**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

Lara Amelie Schnellen
Project Manager Hyperlink

✉ lara.schnellen@gasunie.de

☎ **0152 03482395**



Thank you very much for your attention!







