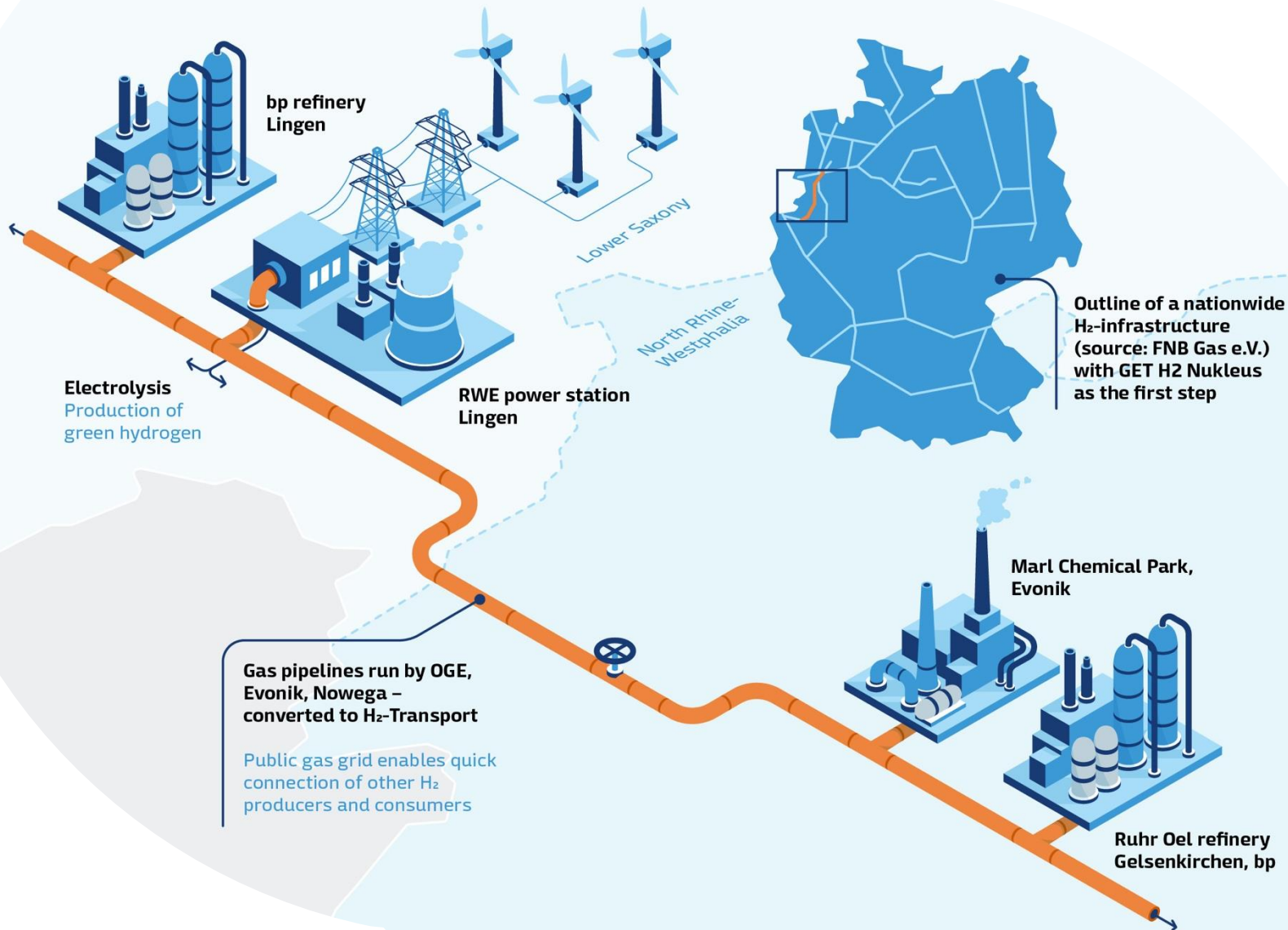




# **Kickoff for the H<sub>2</sub> Economy in Germany**

# GET H2 Nukleus

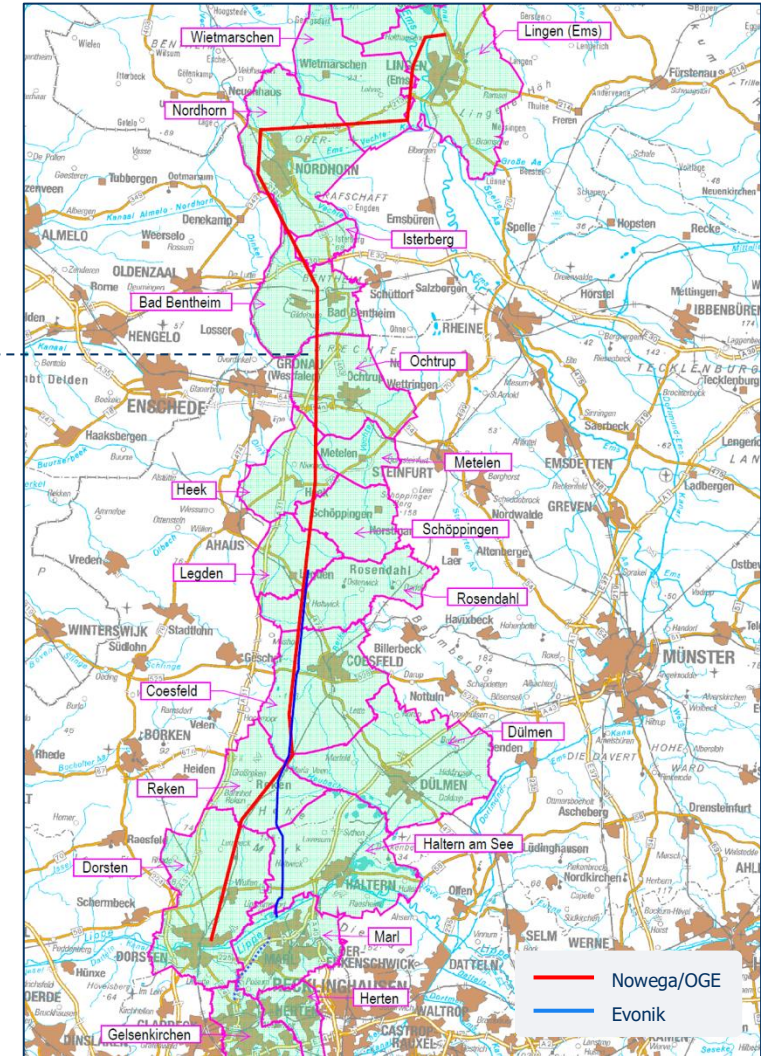
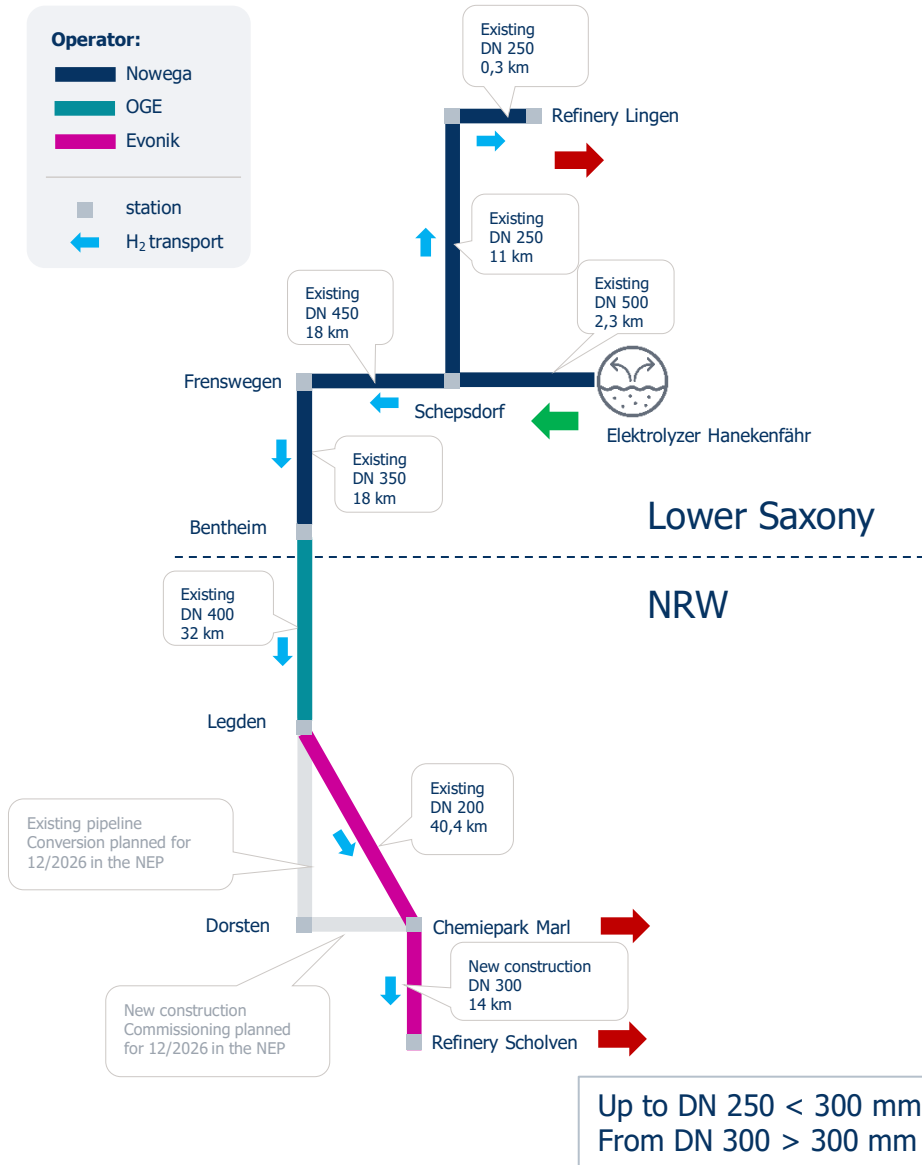
The first dedicated H<sub>2</sub> infrastructure with non-discriminatory access



Wir transportieren Gas.



# GET H2 Nukleus | Nukleus in detail



# GET H2 Nukleus

Necessary political support for the establishment of green hydrogen\*



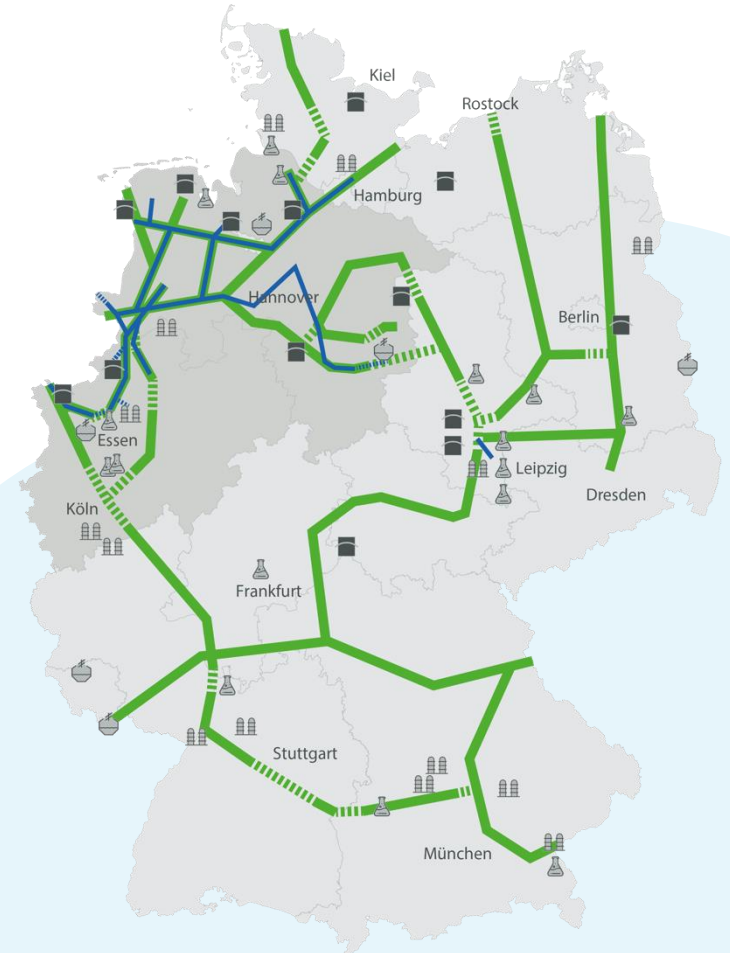
Build-up of green hydrogen generation capacities	Expansion and conversion of the transport and storage infrastructure	Incentives for the use of green hydrogen
<ul style="list-style-type: none"> <li>• <b>Lower electricity levys: Either EEG levy exemption or adjustment Special Equalisation Scheme (BesAR) for electrolyser who use green electricity</b> → <b>NWS Measure #1:</b> <i>„In particular, we are working towards exempting the production of green hydrogen from the EEG surcharge.“</i></li> <li>• Compensation for first mover disadvantages: Incentive programme for investments in first large-scale electrolyzer projects, which initially bear high learning costs.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Consistent consideration of hydrogen in EnWG and GasNZV</b></li> <li>• Further development of the existing regulatory framework for natural gas to allow its application to H<sub>2</sub></li> <li>• Create the possibility for operators of transmission networks and gas storage facilities to convert the infrastructure from natural gas to hydrogen</li> <li>• Supplement to the NEP Gas for the transparent development of the hydrogen infrastructure → <b>NWS Measures #20 &amp; #21</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Rapid implementation of RED II into national law</b> → <b>NWS Measure #5:</b> <i>„... swift and ambitious transposition ... H<sub>2</sub> used for the production of fuel ... electrolyser capacity 2 GW ... financial support ...“</i></li> <li>• Pragmatic criteria for the purchase of renewable electricity to guarantee the "green" nature of the hydrogen → <b>NWS Measure #30</b></li> <li>• Harmonized introduction of tradable Guarantees of Origin for hydrogen at EU level, which can be counted towards CO<sub>2</sub> reduction targets → <b>NWS Measure #30</b></li> </ul>

\* With reference to Germany's National Hydrogen Strategy (NWS)

# The GET H2 initiative ...



- aims to initiate a hydrogen economy in order to considerably reduce GHG emissions,
  - deems it necessary to establish a nation-wide (European), non-discriminatorily accessible hydrogen infrastructure as a basis,
  - is convinced that this infrastructure can be established in a timely and cost-efficient manner by employing existing gas grid infrastructure,
- 
- already comprises 40 project partners
  - is based on a cooperation agreement
  - considers itself to be an open network of companies/organizations
  - supports projects of its partners that back the initiative and facilitate its development.



Sketch of a Germany-wide hydrogen infrastructure based on the existing natural gas network. Marked in blue: the "Start-up Network 2030" with the GET H2 Nukleus as one building block.

Source: FNB Gas e.V.

# The GET H2 initiative



## GET H2 initiative

Platform of partners who support the goal of **building a nationwide H<sub>2</sub> infrastructure** and the implementation of the necessary regulatory changes.

### Support Partners



### Associated Partners



### Flagship project: GET H2 Nukleus



Many of the GET H2 partners are also active in other national and international H<sub>2</sub> projects.