



# Hydrogen Electrolysis as Part of Shell's Net-Zero-Emissions-Strategy

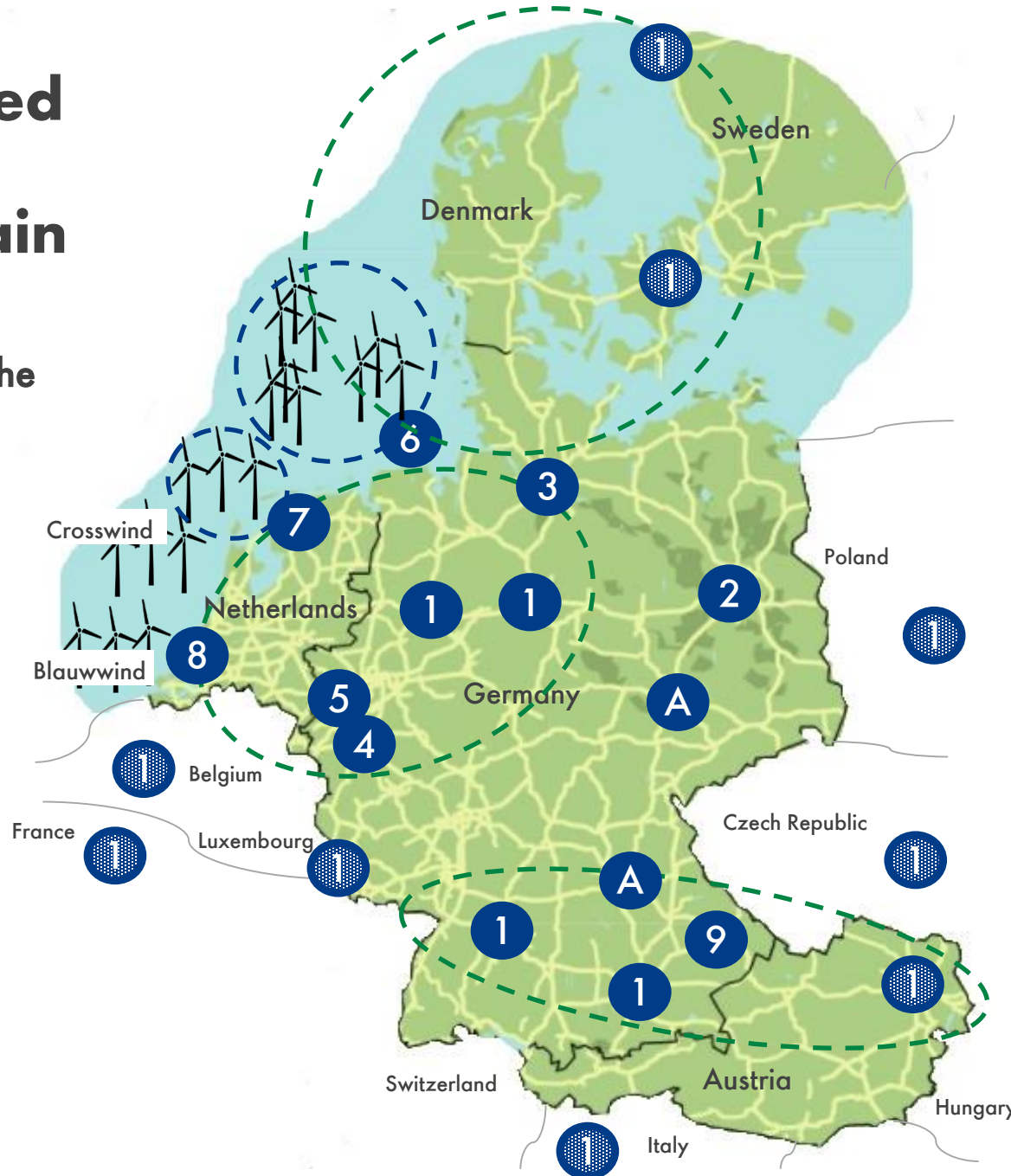
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# Target: An integrated and sustainable hydrogen value chain

- Systemic approach to develop the hydrogen „world“ in Europe
- Cross-sector decarbonization
- Industrial competitiveness
- Innovative mobility for Europe
- Progress leading Technologies



- H<sub>2</sub>Accelerate**  
EU wide refueling network. Synchronization of availability of HD trucks and hydrogen infrastructure.
  - H<sub>2</sub>Mobility**  
Retail Infrastructure
  - Green Hydrogen Hub Hamburg**  
100 MW electrolysis to serve industry and mobility with green hydrogen
  - Refhyne II**  
100 MW electrolysis to serve industry and mobility with green hydrogen
  - SATURN**  
100kt production unit for sustainable aviation fuels (PtL/BtL)
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- Aqua Ventus**  
Offshore elektrolysis – up to 10 GW till 2035 +
  - NorthH<sub>2</sub>**  
Offshore wind incl. 4 GW electrolysis capacity till 2030
  - Green Hydrogen Hub Rotterdam**  
200 MW electrolysis to serve industry and mobility with green hydrogen
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- Next mobility accelerator**  
Accelerate availability of deliver/distribution trucks
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- A** Potential supply partnerships



# Hamburg is the right location for a “Green Hydrogen Hub”

- Opportunity to drive decarbonization and develop new value chains
- Ability to serve and combine demand for Industry and Mobility
- Access to green electrons

