



# VÄT GAS SVERIGE

DLF, 2021-11-17





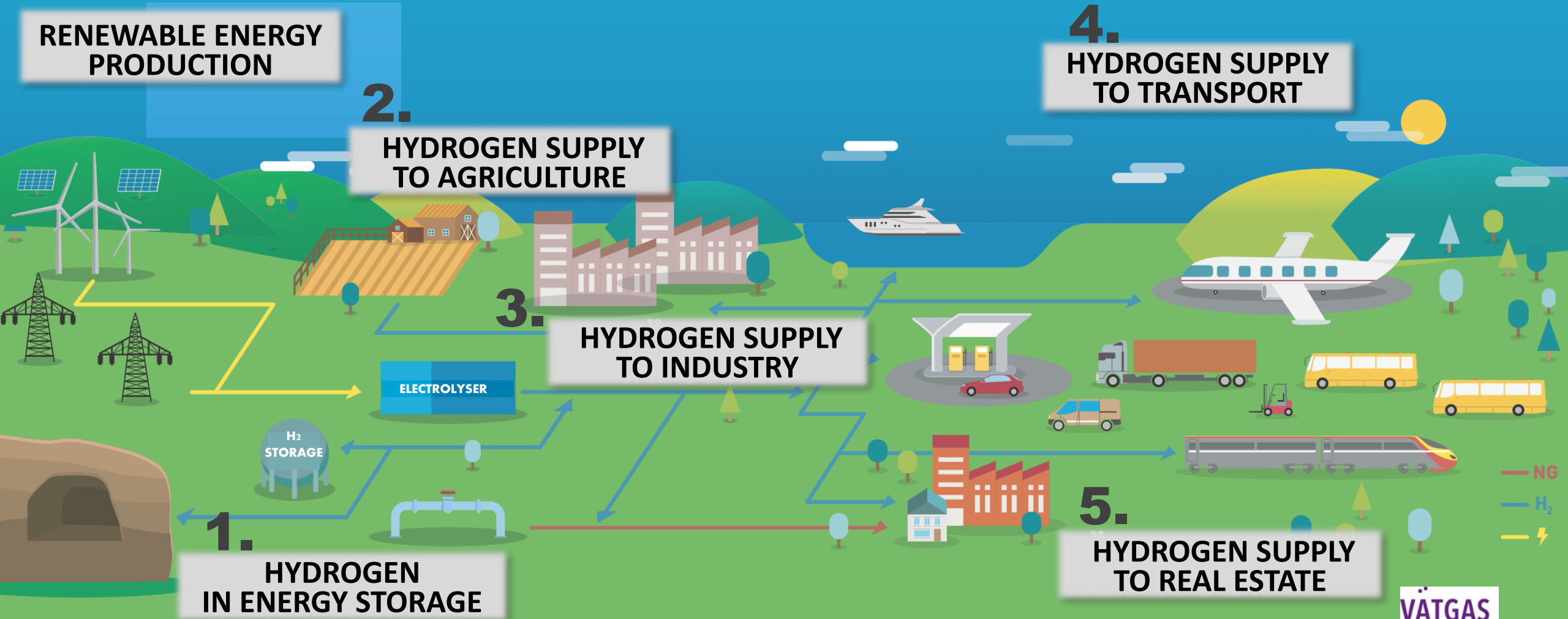
Today +100 members!



Member of: Hydrogen Europe, Nordic Hydrogen Partnership, The European Clean Hydrogen Alliance, Energy Hydrogen Alliance and the Baltic Sea Region Hydrogen Network



# Components in Green Hydrogen Economy



# Hydrogen Council (+120 global companies)

## 2030 milestones

- 1 in 12 cars in Germany, Japan, South Korea, and California powered by hydrogen
- **Globally 10 to 15 million cars and 500,000 trucks powered by hydrogen**
- Deployment of hydrogen-powered trains and passenger ships

## 2050 target picture

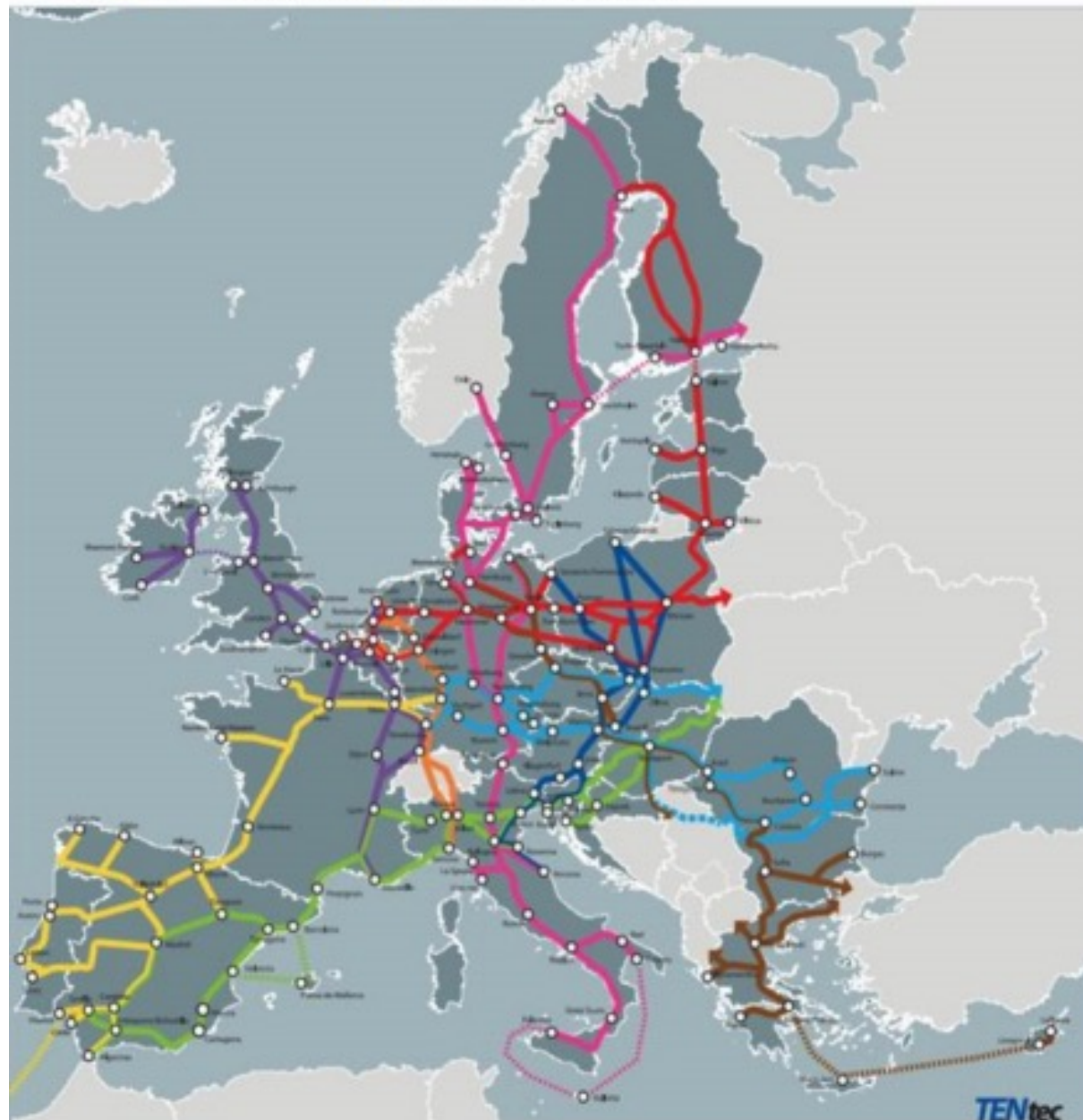
- Up to 400 million passenger vehicles (~25%), 5 million trucks (~30%), and more than 15 million buses (~25%) running on hydrogen
- 20% of today's diesel trains replaced with hydrogen- powered trains
- 20 million barrels of oil replaced per day, 3.2 GT CO2 abated per year





European  
Commission

TRANS-EUROPEAN TRANSPORT NETWORK  
TEN-T CORE NETWORK CORRIDORS



VÄTGAS  
SVERIGE



# NORDIC HYDROGEN CORRIDOR



Co-financed by the  
European Union

Connecting Europe Facility



Everfuel<sup>o</sup>



VÄTGAS  
SVERIGE



# Bränslecellsfordon



VÄTGAS  
SVERIGE



# Busstillverkare



Ca 11,8 kubikmeter  
luft renas till 99,9%  
av PM 2,5 per körd km

# Status i Sverige

- Ca. 50 FCEVs (personbilar med bränsleceller)
- 5 tankstationer idag (HRS), 30 HRS planeras inom 2-3 år
- 2 bussar (under 2021)
- Nordic Hydrogen Corridor (NHC): +100 FCEVs, 8 HRS, 1 elektrolysör
- Ett flertal byggprojekt med vätgaslagring
- Hybrit och H2Green steel
- Preem satsar på grön vätgas för biodrivmedel
- 1-2 sopbilar i Göteborg under 2021

A scenic view of a city waterfront, likely Stockholm, Sweden. The sky is a vibrant blue with scattered white clouds. In the foreground, a body of water reflects the sky, with a white ferry boat moving across it. The city skyline is visible in the background, featuring a mix of historic and modern buildings, green trees, and construction cranes.

# Tack!

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