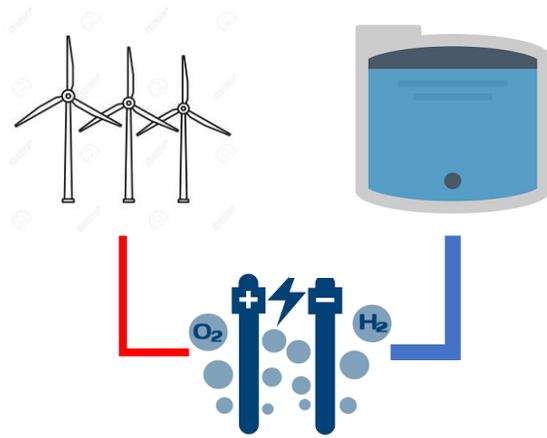


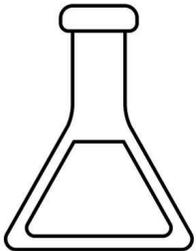
H₂



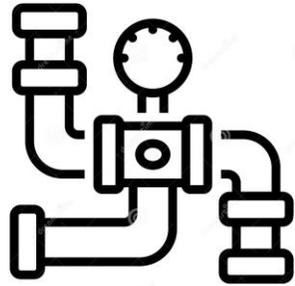
H₂ Utilization for Greening the Economy



chemical production
steel industry



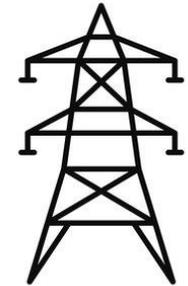
natural gas
substitution



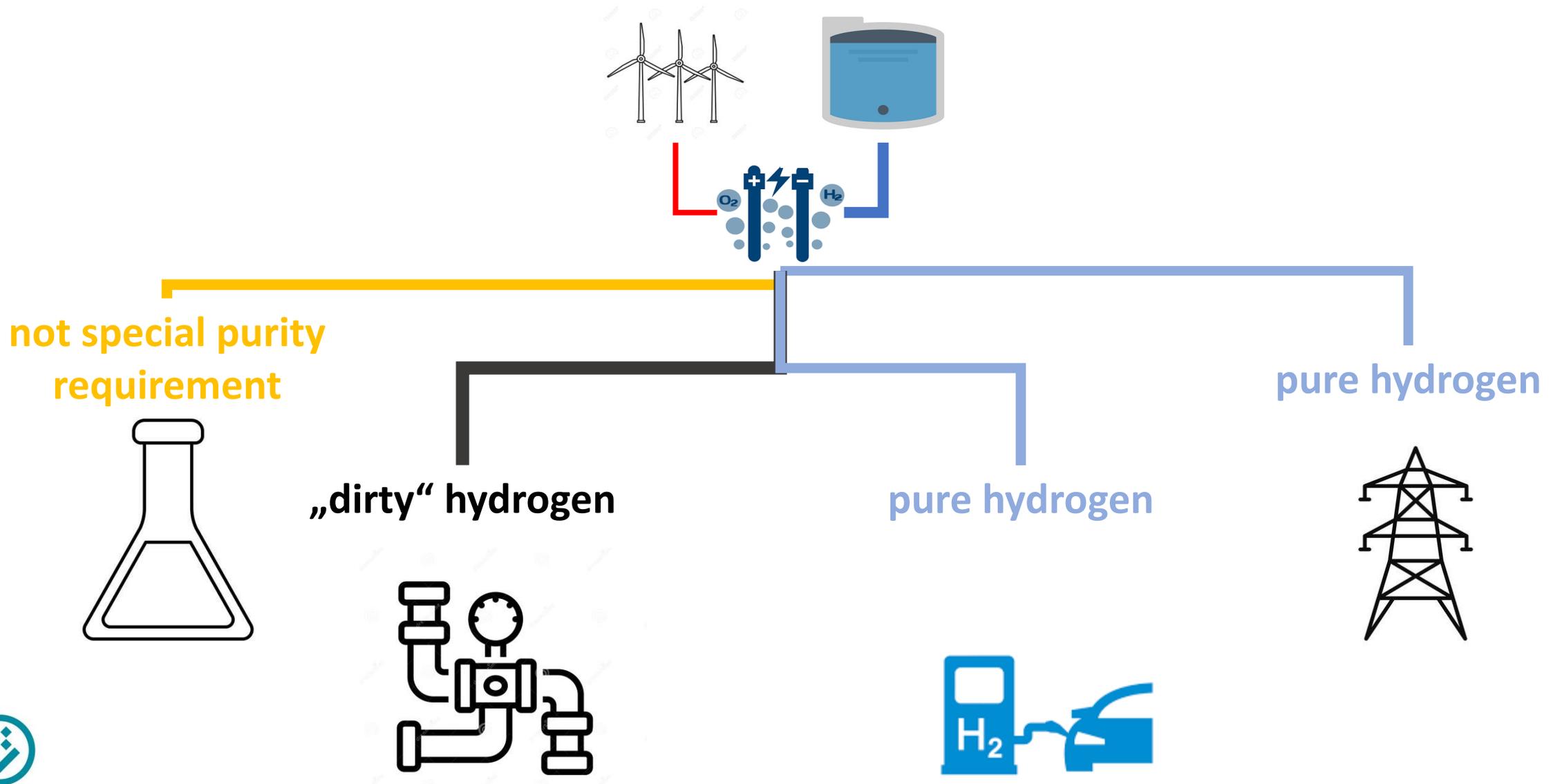
„battery“ for hydrogen
and electromobility



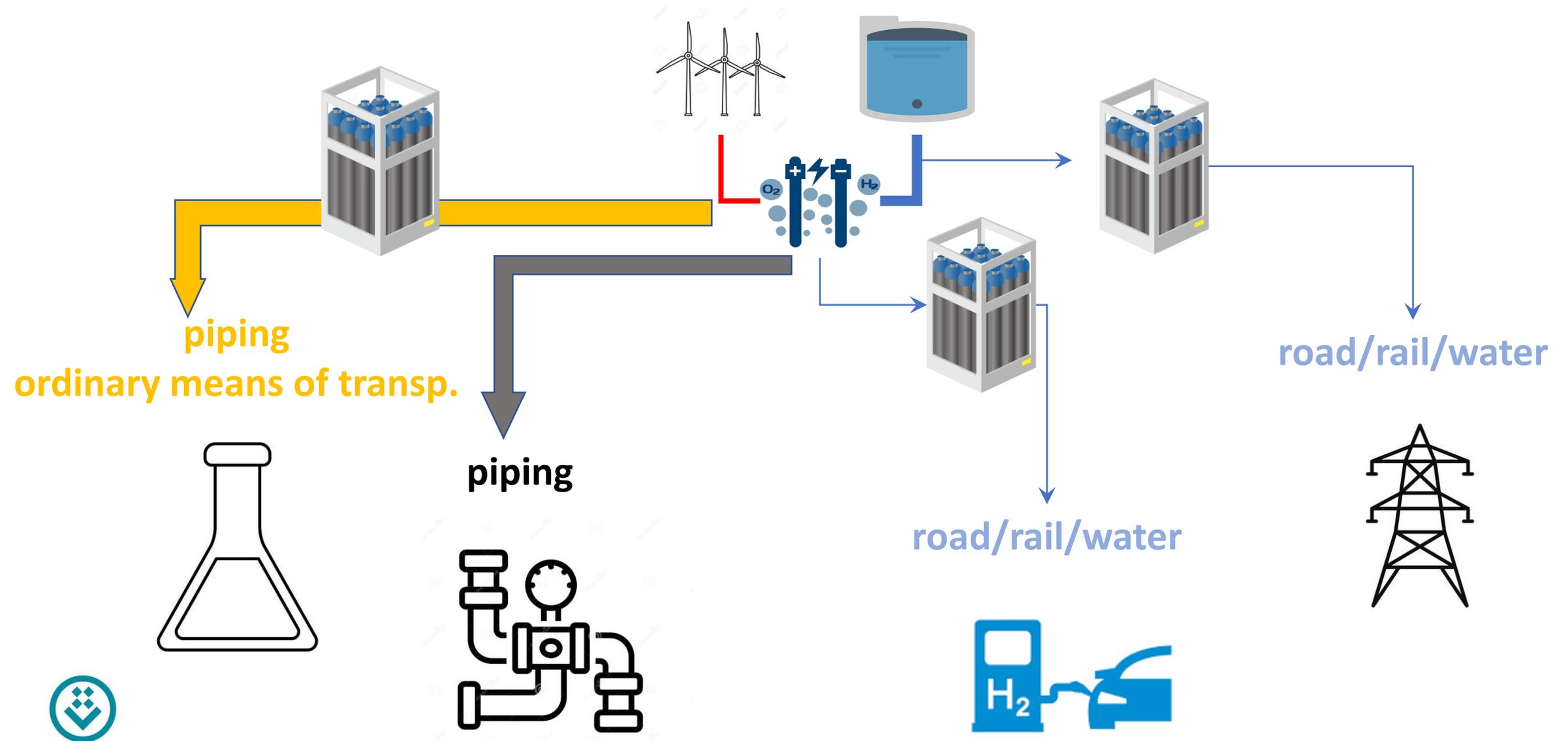
elektricity production
during lack of renewables



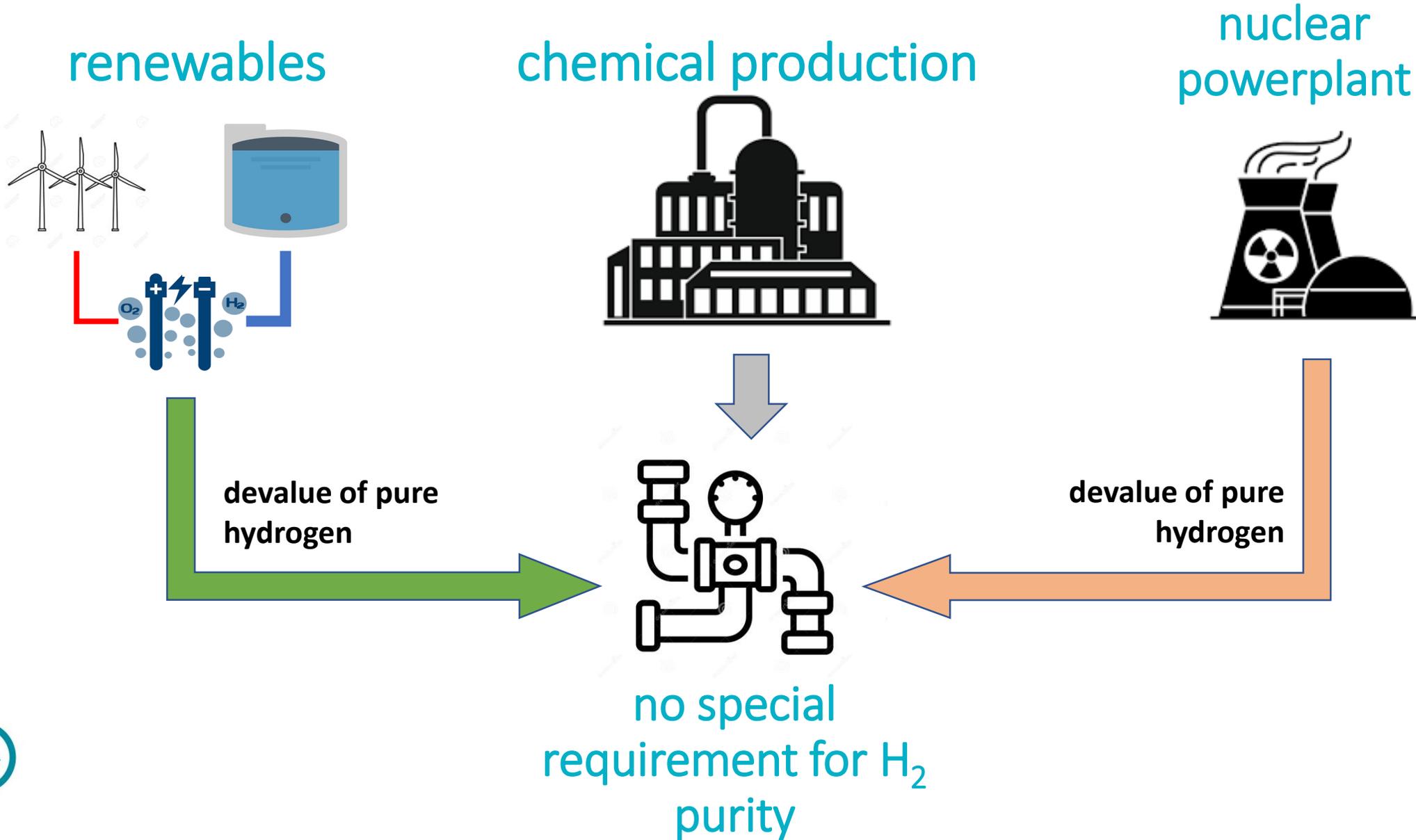
Hydrogen Purity Requirements



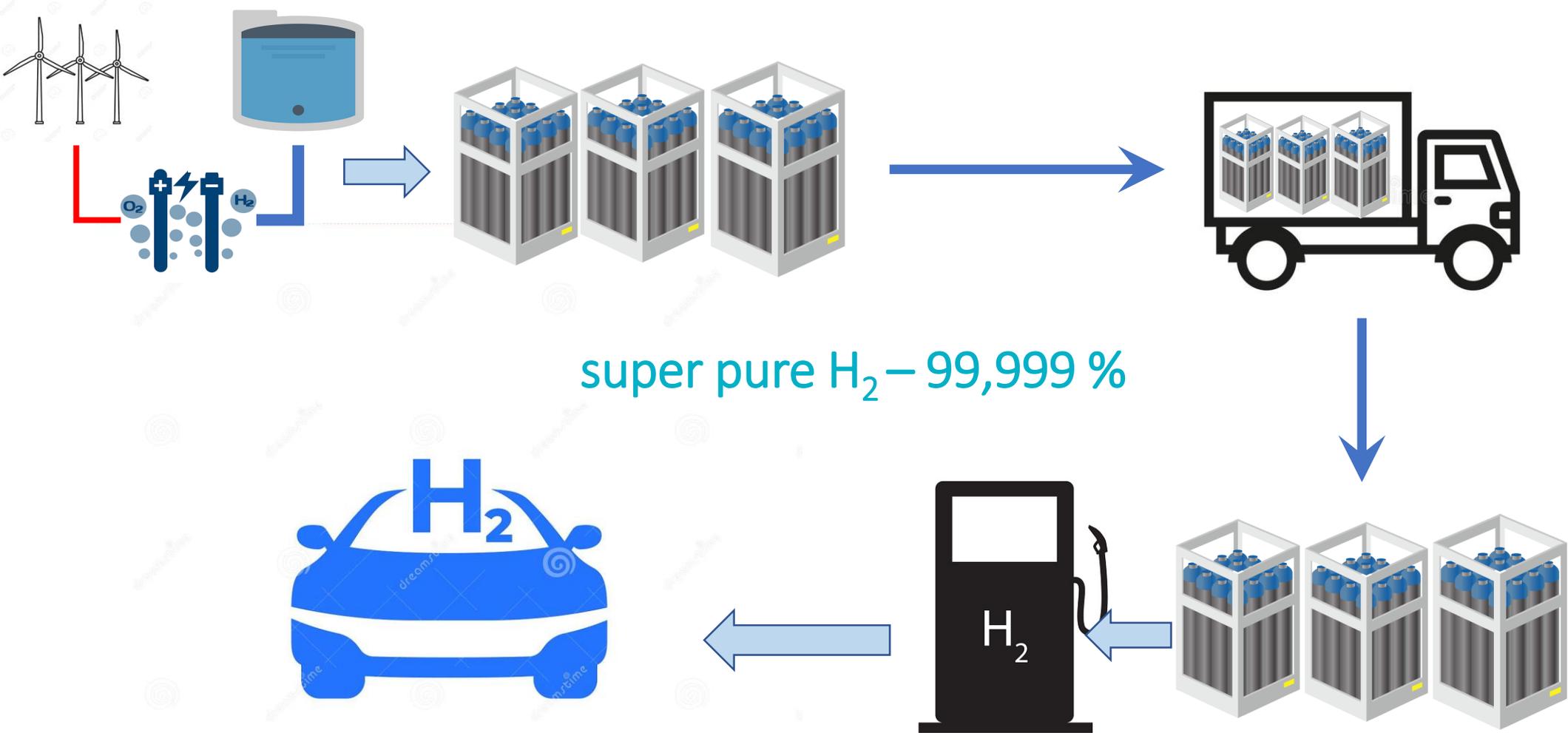
Hydrogen Transportation



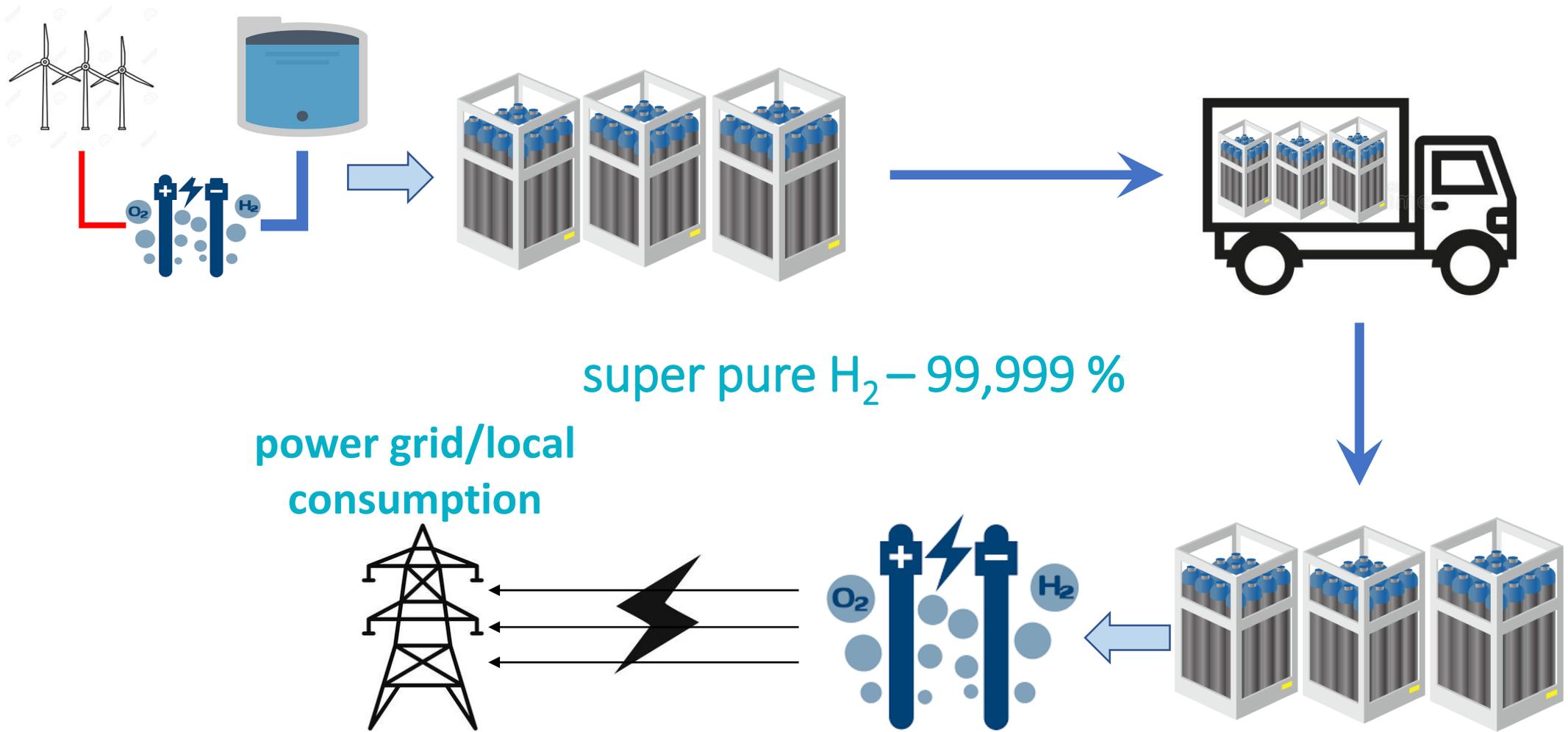
Natural Gas Blending



Hydrogen for Transport



Hydrogen for Electricity Production



**and the solutions for storage and
transport of pure H₂**



Steel H₂ High Pressure Cylinders

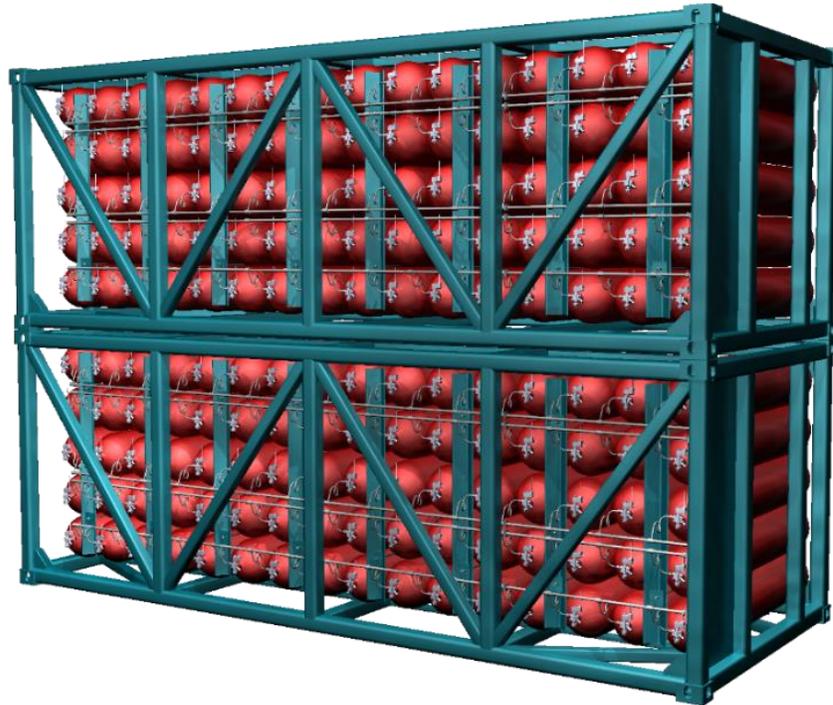


Stationary Storage Containers

Stackable stationary containers - cylinder banks

Standard 20 foot container

Local control systems to ensure a safe distribution of the gas



Mobile Storage Containers

standard 20 feet transport container

up to 312 kg H₂ at 300 bar

Local control systems to ensure a safe distribution of the gas

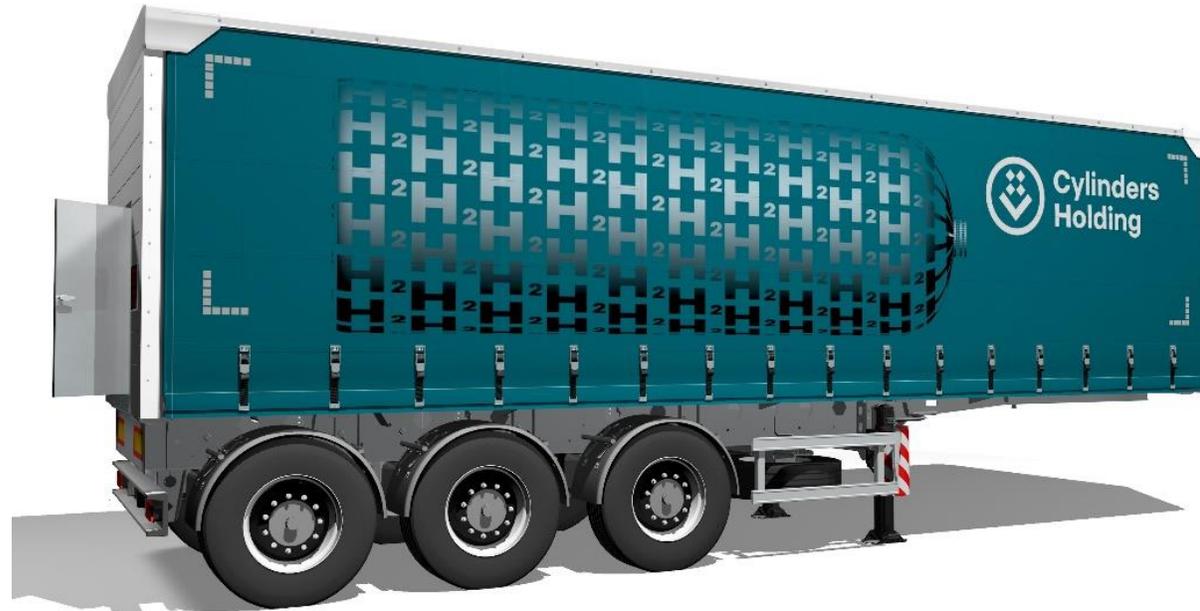
Controlled on the spot or from the control center remotely



Trailers

supply of the gas to a hydrogen storage systems – cylinder banks

special trailers (up to 500 kg of hydrogen at 200 bar)

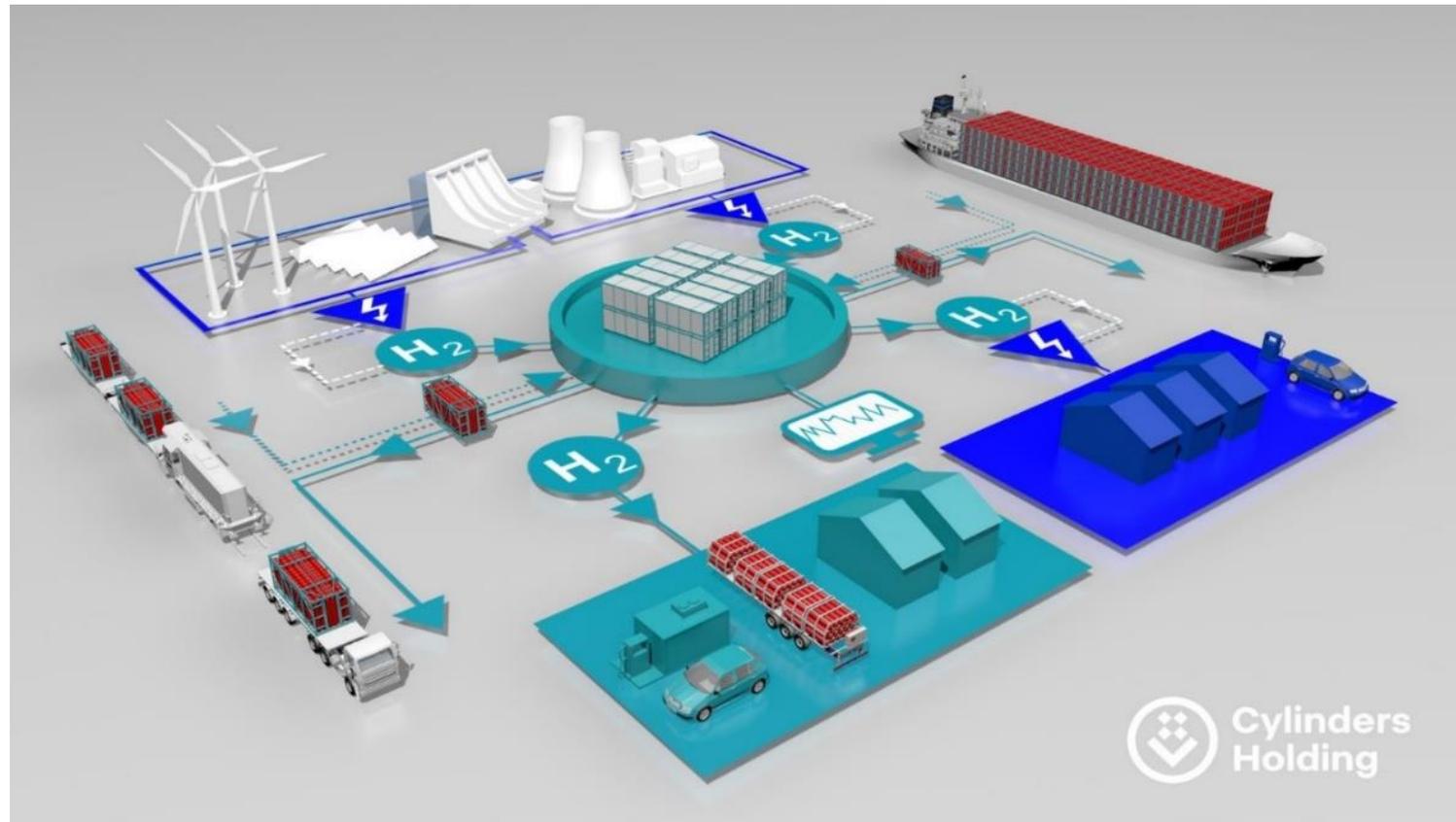


Smart Hydrogen Storage

Mobile storage containers and trailers

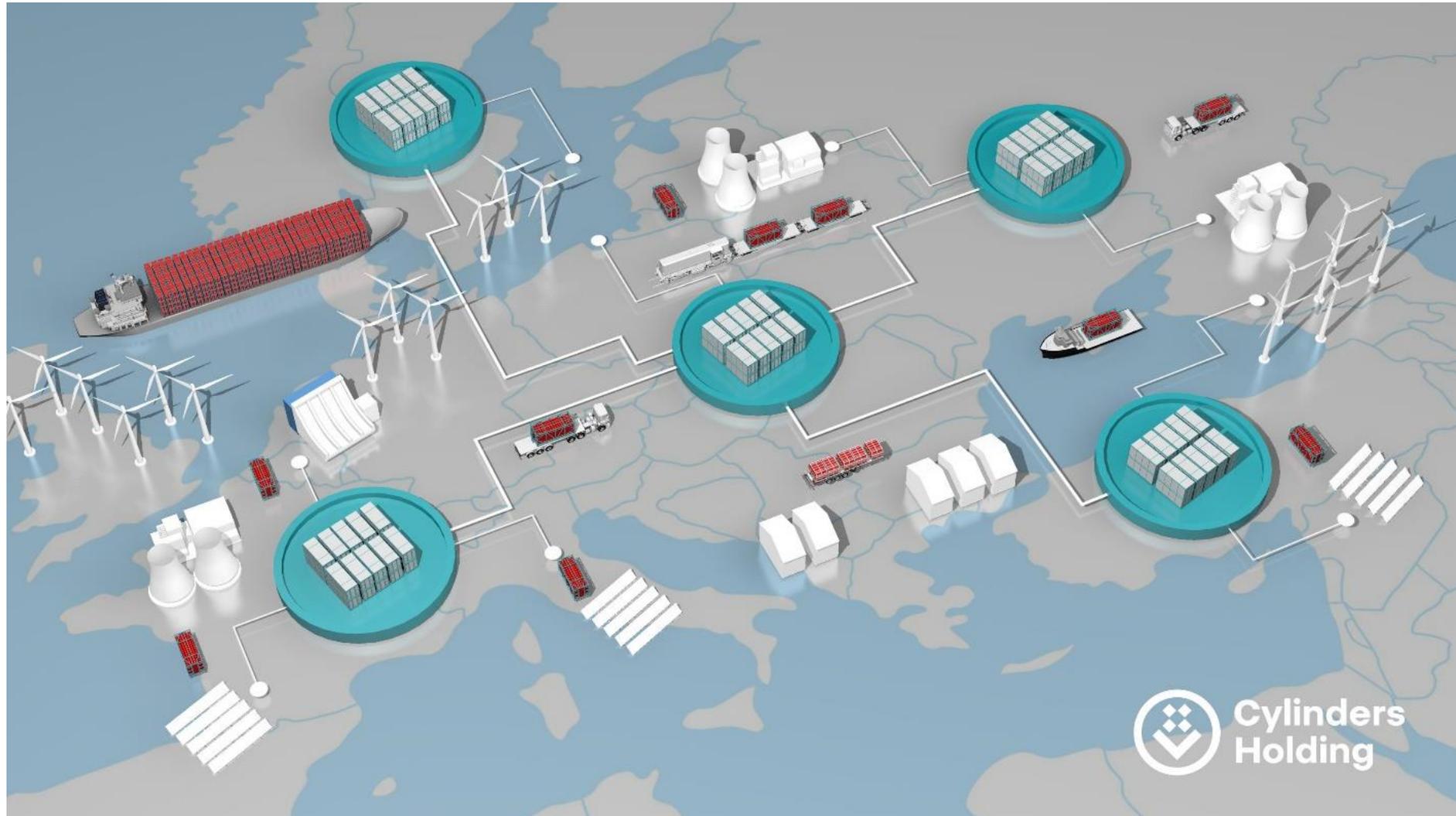
Hydrogen storage facilities (Stackable stationary containers)

Central control system



Virtual Pure Hydrogen Grid

based on our smart storage items and control system



we are not talking about H₂
we are living
H₂

