



The Netherlands Update

44th IPHE Steering Committee Meeting

24 – 25 November 2025

Riyadh, Kingdom of Saudi Arabia

Announcements / New Initiatives *The Netherlands*



Policies/Funding

- Adjustment to timeline of 3-4 GW electrolysis: shifted from 2030 to 2035
- Cancellation (pausing for 5 years) of Offshore Demonstration project and of H₂ / CO₂ free-carriers blending obligation in power plants
- RED III Article 22: binding obligation of 4% for industrial hydrogen consumers in 2030 (and 9,9% in 2035), remaining part of the target to be supported with demand side subsidies. Exemption of 60% for h2 usage for ammonia production. List of hydrogen sources and consumption based on art. 22a and supporting guidance ([EC communication C/2025/2983](#)) under development.
- RED III Article 25: revision of the correction factor for use of RFNBOs in refinery processes from 0.4 to 1, and increase of sub-obligation for RFNBO usage in road transport, making total RFNBO sub-obligation 7,5 PJ in 2030 + additional sub-obligation of 2 PJ in 2030 for direct use of RFNBO's in road transport
- Dedicated subsidy scheme for hydrogen hubs (€150 million) under development.
- Demand-side subsidy scheme for industrial hydrogen off-take (€662 million) under development.
- Launch of €148 million for tender for companies investing in CO₂-reduction through a.o. hydrogen infrastructure & equipment
- H₂ underground storage: launch of National Agenda + State Supervision of Mines publishes report on safety and spatial impact issues
- H2Global joint NL-German import tender open for applications



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Investments/Projects/Initiatives

- Results from 2nd round of GH2 production scheme: €1 billion available, applied by 33 projects for over €3 billion, finally eleven projects awarded for €700+ million (circa 600 MW, also projects with other subsidies). Next round will include at least €500 million.
- Results from 2nd round of tender for HRS combined with purchase of trucks / buses (FCEV and ICE): €40 million available, applied for €55,8 million, 4 new HRS and 4 extensions of existing HRS awarded plus 355 hydrogen-fueled vehicles.
- Air Liquide takes FID for 200 MW h2 plant in Port of Rotterdam
- End of (successful) H₂ pilot in built environment in Zutphen; no H₂ train in Northern Netherlands
- First dredger using H₂ & battery for power supply; Amsterdam airport starts using H₂ trucks
- Neste launches 2,6 MW SOE electrolyser (850°C) in Rotterdam refinery
- H₂ & grid congestion: construction started of H₂ Hollandia 5 MW electrolyser connected to solar farm, to produce 300.000 kg p/y as of 2026
- Completion of first newly constructed H₂ pipeline of 32 km in Port of Rotterdam

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Sharing information for international collaboration:

- English translation available of the Netherlands government vision & comparison & assesment of hydrogen carriers:
<https://www.government.nl/documents/parliamentary-documents/2024/11/22/government-vision-on-hydrogen-carriers>
- Hydrogen Innovation Fund: many pilots and studies launched: Overzicht Projects – GroenvermogenNL
- Progress of development of Human Capital Agenda: Human capital agenda – GroenvermogenNL
- HyDelta Research Programme shares reports on safety, technology, gas quality, infrastructure and societal aspects: Technology & Safety

Thank you



International Partnership
for Hydrogen and Fuel Cells
in the Economy