



International Partnership
for Hydrogen and Fuel Cells
in the Economy

The Netherlands Update

31th Steering Committee Meeting IPHE

April 2019

Vienna

Announcements and/or New Initiatives

The Netherlands



- Draft of National Agreement Climate Policy (49% CO₂-reduction by 2030)
- Announcement of new call Demonstration Zero Emission Vehicles (€ 30 Million), Innovation Subsidies Hydrogen (€ 30 Million)
- Investment Program Hydrogen in Northern Netherlands (€ 2,8 Billion up to 2030)
- Joint Infrastructure Outlook 2050 (Tennet/Gasunie)
- Pentalateral Forum Hydrogen Initiative
- On International Hydrogen Day (the 8th of October): the H2 Challenge (Happy Hydrogen Day)



Examples of Lessons Learned and Impact

The Netherlands



Program initiative, policy, regulation or mandate	Lessons Learned/Outcomes
Hydrogen Valley Groningen/Northern Netherlands (in preparation)	A multi stakeholder approach with a joint investment program (private and public sector together) is essential to make progress and for next steps.
Covenant Hydrogen in Mobility (to be concluded)	Input and commitment of all parties involved is necessary. Involved private/business parties: <ul style="list-style-type: none">- Owners/builders HRS;- OEM companies;- Lease companies;- Fleetowners.
Hydrogen has to be produced low-carbon or green. Different solutions to decarbonize the production of hydrogen.	Get started with certification scheme for the production of low-carbon and green hydrogen, like CertifHy.

Applications - Current Status and Goals

The Netherlands



Application	Status (As of <i>Month, Year</i>)	Goal (For <i>Year</i>)
Fuel cell vehicles	<i>58 as of Dec. 2018</i>	<i>2.000 by 2020 15.000 by 2025</i>
Hydrogen stations	<i>2 as of Dec. 2018</i>	<i>20 by 2020 50 by 2025</i>
Fuel cell buses	<i>8 as of Dec. 2018</i>	<i>100 by 2020</i>
Electrolyzers		<i>500 MW by 2025 3 – 4 GW by 2030</i>
Primary fuel cell power units	-	-
Backup power fuel cell power units	-	-
Trucks (Heavy duty)	<i>8</i>	<i>3.000 by 2025</i>

Thank you



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