



International Partnership  
for Hydrogen and Fuel Cells  
in the Economy

## ***Belgium* Update**

40<sup>th</sup> IPHE Steering Committee Meeting

4 – 5 October 2023

Washington DC, United States

# Announcements / New Initiatives *Belgium*

- **Policies and initiatives:**

- Hydrogen law
- Establishment of a Belgian Hydrogen Council
- RegistrHy
- CHCI
- Two new hydrogen research centers in Antwerp and Charleroi
- BE-HyFE network
- HyBex (hydrogen pilot hub)

# Announcements / New Initiatives *Belgium*

- **Investments and funding:**

- 250 million EUR subsidies for hydrogen network
- Project call “Clean Hydrogen for Clean Industry”
- €95 million for the first 100-160km of the hydrogen backbone

# Announcements / New Initiatives *Belgium*

- **Key Collaborations:** Oman, Germany, Benelux+, PENTA, Canada, Chile, Namibia
- **Upcoming events:**
  - Conference Belgian Hydrogen Cluster 'Joining forces on Hydrogen – Belgium, Benelux and its neighbours' – October 16th 2023
  - International Hydrogen Colloquium - February 16th 2024 (Belgian Presidency EU 2024)
  - EPHyC 2024 conference (20-22 March 2024 in Ghent)

# Belgium – Profile October 2023

## Status of Deployments

- 613km of H2 pipelines (2023)
- Total road FCEVs (2022): 33
- Annual H2 demand (2021):
  - Refining: 168 kt H2/y
  - Feedstock for ammonia production: 196 kt H2/y
- Total H2 production (2022): 449 kt H2/y
- Geological storage capacity (2023): 8,7 bcm H2

## Goals or Focus Areas

Since 2022 updated federal H2 strategy with 4 pillars:

1. Positioning Belgium as an import and transit hub in Europe for renewable molecules
2. Becoming a leader in H2 technologies
3. Establishing a robust H2 market
4. Investing in cooperation as a key success factor

## Leading Government Initiatives

MoU's and collaborations:

- Belgium and Oman
- Belgium and Namibia
- PoAB and Chile
- Belgium and Canada
- Belgium and Germany
- PENTA
- Benelux+

Hydrogen law

## Deployment Goals

By 2026:

- Electrolysis capacity of (at least) 150MW
- Installation of at least 100 - 160 km of hydrogen pipelines

## Funding

+€200 million since 2020 (federal level)

# Thank you



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