



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Germany Update

44th IPHE Steering Committee Meeting

24 – 25 November 2025

Riyadh, Kingdom of Saudi Arabia

Announcements / New Initiatives *Germany*



Policies/Initiatives

- In October, the Federal Ministry for Economic Affairs and Energy (BMWE), under the new Federal Minister **Katherina Reiche**, published its [updated organizational chart](#). Units working on hydrogen have been consolidated within the **newly established Department VIII – Safety, Gas, and Hydrogen, Participations**.
- In October, the [draft Hydrogen Acceleration Act \(WassBG\)](#) was approved by the Federal Cabinet. The act aims to accelerate approval procedures for projects involving the production or import of renewable and low-carbon hydrogen and derivatives, as well as infrastructure.



Federal Minister for Economic Affairs and Energy,
Katherina Reiche

Announcements / New Initiatives *Germany*



New Research & Development, Demonstration and/or Deployment Activities

In June, Evonik completed a **50-kilometer hydrogen pipeline** as part of the [GET H2 Nukleus](#) project, linking Legden, the Marl Chemical Park, and Gelsenkirchen. The Marl site, processes around 25,000 m³ of hydrogen per hour.

The project's building blocks are eligible for **IPCEI** (Important Project of Common European Interest) funding.



Announcements / New Initiatives *Germany*



New Research & Development, Demonstration and/or Deployment Activities

- As of September, Hamburger Hafen und Logistik AG is testing the **first hydrogen-operated straddle carrier** at Hamburg port. The vehicle is being used in operational service at the Container Terminal Tollerort on the associated test facility as part of the Clean Port and Logistics innovation cluster.



- In July, the world's first **floating platform for e-fuel production** entered operation in Bremerhaven. As part of the **H2Mare** flagship project, the facility aims to produce e-fuels from renewable hydrogen via Fischer-Tropsch synthesis on a 60 x 15 m offshore barge, demonstrating the complete offshore power-to-X process chain under real-world conditions.



Investments/Key Collaborations

- In September, **H2Global**'s pilot auction for e-methanol was resumed (budget increasing to 437.5 million euros [approx. USD 510 million]).
- In September, Hintco announced the launch of the joint German–Dutch auction for renewable hydrogen and its derivatives:
 - **4 regional lots**—covering Africa, Asia, North America, South America and Oceania—are financed by Germany—484 million euros (approx. USD 565 million) per lot.
 - **A global lot for renewable hydrogen**—supplying both Germany and the Netherlands—is co-funded by both countries with at least 567 million euros available (approx. USD 661 million).

Status of Deployments

Application	Capacity (Nov 2025)
Electrolyser	185 MW
FC Trucks	273
FC Busses	193
FC Cars	1,679
Operational refueling stations	67

Leading Government Initiatives

- IPCEI
- H2Global
- National core H2 network
- Climate protection contracts (CCfDs)
- REDII implementation
- AFIR implementation

Goals or Focus Areas

- Availability of hydrogen
- Infrastructure
- Implementing applications in industry, transport and power generation
- Framework conditions

Deployment Goals

- 10 GW electrolysis capacity by 2030 in Germany
- 45-90 TWh imports of hydrogen and derivatives by 2030

Funding

Various programs and mechanisms (see initiatives)

Thank you



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