

PtX Press Monitoring – Week 18/2025

Table of contents

Public Sector Press Releases.....	1
Bundesnetzagentur (30/04/2025): Federal Network Agency approves the scenario frameworks for electricity and gas/hydrogen ^{GER}	1
(Political) Debates and Measures	1
Germany	1
Verkehrs Rundschau (28/04/2025): Funding for green hydrogen in Bavaria: 65 million euros for eleven projects ^{GER}	1
Tagesspiegel Background (30/04/2025): Federal government should do more for H2 import infrastructure ^{GER}	1
Europe.....	2
FCW (28/04/2025): Dutch Cabinet Backs Hydrogen, Green Gas Mandate to Fortify Energy Independence ^{EN}	2
Global.....	2
Hydrogen Insight (29/04/2025): ANALYSIS Liberals secure most seats in Canada’s federal election — but what does it mean for hydrogen? ^{EN}	2
FCW (01/05/2025): The Trump Administration Climate Plan: Red States Get Hydrogen, Blue States Don’t ^{EN}	2
FCW (01/05/2025): Peruvian Authorities Grant Land for \$11.2 Billion Hydrogen Initiative ^{EN}	3
The Indian Express (01/05/2025): Green hydrogen gets official stamp as India notifies certification scheme, carbon credit rules ^{EN}	3

Practice	3
Germany	3
SWR (29/04/2025): Stuttgart: Hydrogen will be produced from renewable energies at the port in future ^{GER}	3
PC (29/04/2025): Hydrogenious LOHC receives official approval for large-scale hydrogen project ^{GER}	3
Developing and Emerging Countries	4
FCW (29/04/2025): BPCL Commissions 5MW Green Hydrogen Plant at Bina Refinery, Advancing India's Energy Transition ^{EN}	4
FCW (30/04/2025): Colombia Consolidates 36 Hydrogen Projects and Strengthens Its National Ecosystem, According to a Survey by the ANDI-NATURGAS Hydrogen Chamber ^{EN}	4
Industrialised Countries and Other	4
FCW (28/04/2025): Enagás Launches Public Participation Plan for 2,600Km Hydrogen Backbone Across Spain ^{EN}	4
FCW (29/04/2025): OMV Unveils Austria's Largest Green Hydrogen Production Plant ^{EN}	5
H2 View (01/05/2025): Analysis: Why has Air Products rethought its Neom hydrogen strategy? ^{EN}	5
Science	5
Science Direct (04/2025): Mapping the hydrogen power players: An analysis of lobbying on EU hydrogen policy-making ^{EN}	5
Further Press Releases	5
IEA (23/04/2025): CCUS projects around the world are reaching new milestones ^{EN}	5
World Economic Forum (29/04/2025): Japan's hydrogen gamble: What the world can learn from this high-stakes energy bet ^{EN}	6
Hydrogenious LOHC (29/04/2025): Official approval granted for Hydrogenious LOHC's 'Hector' Storage Plant ^{EN}	6

The Green Hydrogen Business Alliance serves as an interface between the European hydrogen industry and the Federal Ministry for Economic Cooperation and Development (BMZ). The business network supports a socio-ecological transformation in selected partner countries by promoting a sustainable market ramp-up of green hydrogen and Power-to-X (PtX). The Green Hydrogen Business Alliance is implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the BMZ.

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Public Sector Press Releases

Bundesnetzagentur (30/04/2025): Federal Network Agency approves the scenario frameworks for electricity and gas/hydrogen ^{GER}

Extract: The Federal Network Agency today approved the scenario framework for electricity and the scenario framework for gas/hydrogen for the upcoming 2025-2037/2045 grid development plans. The coordinated scenario frameworks form the basis for the further planning of the electricity transmission grid and the gas transmission and hydrogen transportation grid. “The scenario frameworks provide a holistic view of Germany's important energy infrastructures,” says Klaus Müller, President of the Federal Network Agency. “The selected range of scenarios also allows us to take into account the effects of various energy policy decisions on the path to a climate-neutral energy system in Germany in our grid development planning.”

[View press release](#)

(Political) Debates and Measures

GERMANY

Verkehrs Rundschau (28/04/2025): Funding for green hydrogen in Bavaria: 65 million euros for eleven projects ^{GER}

Extract: Eleven companies will receive a total of 65 million euros in support as part of the second call for Bavarian electrolysis funding. The Bavarian Minister of Economic Affairs, Hubert Aiwanger, handed over the corresponding funding certificates to the companies on April 28. “With the new electrolyzers, we are laying the foundations for a strong domestic hydrogen economy,” said Aiwanger. With the funding, Freistatt is aiming to establish an electrolyser infrastructure. The companies now being supported include Airport Energy Management GmbH, Energie Schwaben GmbH, Tyczka Hydrogen GmbH, hy.1 GmbH & Co. KG/GP JOULE, Fahrner Energy GmbH, Stahlwerk Annahütte Max Aicher GmbH & Co. KG, PAC Jaspis GmbH & Co. KG, ESB Erneuerbare Energien GmbH and SUW Energie GmbH. [View article](#)

Tagesspiegel Background (30/04/2025): Federal government should do more for H2 import infrastructure ^{GER}

Extract: The state of Lower Saxony is calling on the new federal government to play a greater role in the development of a port infrastructure for the import of hydrogen and its derivatives. The federal government must support the development of corresponding import infrastructures as quickly as possible through specific funding programs and guarantees and involve the federal states in a timely and adequate manner, according to the motion for the next meeting of the heads of the state chancelleries in mid-May, which was obtained by Tagesspiegel Background. In it, Lower Saxony refers to the national hydrogen import strategy adopted last year.

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EUROPE

FCW (28/04/2025): Dutch Cabinet Backs Hydrogen, Green Gas Mandate to Fortify Energy Independence ^{EN}

Extract: The Netherlands is doubling down on energy transition efforts, as Climate and Green Growth Minister Sophie Hermans announced a sweeping €2.1 billion (\$2.24 billion) package to stimulate hydrogen production, alongside mandatory green gas blending policies designed to strengthen the country's energy independence. Hermans also revealed that the Sustainable Energy Production and Climate Transition Incentive Scheme (SDE++) will reopen in 2026, with a colossal €8 billion (\$8.53 billion) budget. This program is aimed at encouraging industries to continue making climate-forward investments despite a challenging economic environment. Furthermore, the cabinet earmarked an additional €600 million (\$640 million) to support state-owned EBN's involvement in Aramis, the underground CO₂ storage project in old North Sea gas fields. [View article](#)

GLOBAL

Hydrogen Insight (29/04/2025): ANALYSIS | Liberals secure most seats in Canada's federal election — but what does it mean for hydrogen? ^{EN}

Extract: The incumbent centre-left Liberal Party led by Prime Minister Mark Carney has won Canada's federal election, leading the right-wing Conservative Party by 168 parliamentary seats to 144 at the time of this article's publication. Several delegates at the Canadian Hydrogen Conference in Edmonton last week told Hydrogen Insight that they expected very little change in hydrogen-related policy regardless of who got into power, however some observed that the Conservative's emphasis on energy security rather than decarbonisation could result in a slow-down on green hydrogen-related incentives specifically, should that party win. [View article](#) 

FCW (01/05/2025): The Trump Administration Climate Plan: Red States Get Hydrogen, Blue States Don't ^{EN}

Extract: While a Biden-era rule dealt a blow to those in the gas and oil industry hoping to invest in hydrogen technology and offered greater financial incentives to the renewable energy sector, President Donald Trump is showing preference for fossil fuel-powered hydrogen. Meanwhile, the fate of those Biden-era tax credits — whether for renewable energy or fossil fuel — is up in the air as congress wades through the budget reconciliation process. Under Trump's guidance, the Department of Energy has indicated it plans to kill Biden-era funding for four renewable-powered hydrogen hubs in primarily Democratic regions while retaining funds for fossil fuel-powered hubs in mostly red states, such as South Dakota, Ohio and Kentucky. [View article](#)

FCW (01/05/2025): Peruvian Authorities Grant Land for \$11.2 Billion Hydrogen Initiative ^{EN}

Extract: The regional government of Arequipa, Peru, has finalized the allocation of a 160-hectare (1.6 square kilometre) land parcel in the strategic port city of Matarani, dedicated to producing green and blue hydrogen. This allocation forms part of the expansive Horizonte de Verano initiative, a clean ammonia venture valued at \$11.2bn. Verano Energy, the renewable energy firm leading the project, secured environmental permitting for the venture in March, marking a significant milestone. The first phase of the Horizonte de Verano project is set to commence operations by mid-2027, bringing Peru a substantial step closer to establishing itself as a player in the global clean energy market. [View article](#)

The Indian Express (01/05/2025): Green hydrogen gets official stamp as India notifies certification scheme, carbon credit rules ^{EN}

Extract: To boost India's green hydrogen exports and encourage energy-intensive sectors to adopt the emerging fuel, the Centre has introduced a certification scheme under the National Green Hydrogen Mission and notified rules for claiming emission offsets under the Carbon Credit Trading Scheme (CCTS). Union Minister of New and Renewable Energy Pralhad Joshi on April 29 launched a scheme to measure, monitor, report, verify on-site, and certify green hydrogen based on a standard introduced by the Ministry in 2023. In 2023, the Ministry of New and Renewable Energy (MNRE) introduced a green hydrogen standard, capping emissions at 2 kg of CO₂ per kg of hydrogen produced. The certification scheme, based on the standard, applies only to green hydrogen production from electrolysis or conversion of biomass. [View article](#)

Practice

GERMANY

SWR (29/04/2025): Stuttgart: Hydrogen will be produced from renewable energies at the port in future ^{GER}

Extract: Hydrogen from renewable energies will be produced at the port in future. A production site for green hydrogen is being built at the port of Stuttgart. Construction was officially launched on Monday afternoon. The hydrogen will be produced from surplus electricity from wind and solar energy. A huge pipeline is also to be built and three electrolyzers will be needed to produce the hydrogen in the hub at the port of Stuttgart. The hydrogen will then be transported directly to customers via trailers or via the new underground pipeline. According to Stadtwerke Stuttgart, the high-purity, green hydrogen is primarily produced for industry, in particular for vehicle development, as fuel for fuel cell buses, trucks or ships. [View article](#)

PC (29/04/2025): Hydrogenious LOHC receives official approval for large-scale hydrogen project ^{GER}

Extract: The world's largest commercial plant for storing hydrogen in the liquid organic carrier benzyltoluene has received the official construction and operating permit. At Chempark

Dormagen, Hydrogenious LOHC will build a plant by the end of 2027 that can safely store around 1800 tons of hydrogen per year. The “Hector” project is based on an innovative and now officially approved technology that could make a decisive contribution to the energy transition. The storage plant will be built at the Covestro site in Chempark Dormagen. Covestro Germany has been a shareholder of Hydrogenious LOHC Technologies since 2019 and intends to supply the plant with hydrogen that qualifies as RFNBO (Renewable Fuels of Non-Biological Origin) and is produced in its chlorine electrolysis plants. [View article](#)

DEVELOPING AND EMERGING COUNTRIES

FCW (29/04/2025): BPCL Commissions 5MW Green Hydrogen Plant at Bina Refinery, Advancing India's Energy Transition ^{EN}

Extract: BPCL has commissioned its first — and one of India's largest — Green Hydrogen Plant at the Bina Refinery, reaffirming its commitment to the National Green Hydrogen Mission and the country's Net Zero targets for 2070. The 5MW facility was virtually inaugurated on April 26, 2025, by Shri G. Krishnakumar, Chairman and Managing Director, BPCL. With a production capacity of more than 780 tonnes per annum, the plant is poised to achieve an annual carbon emissions reduction of approximately 9,000 tonnes, significantly supporting India's decarbonization journey. [View article](#)

FCW (30/04/2025): Colombia Consolidates 36 Hydrogen Projects and Strengthens Its National Ecosystem, According to a Survey by the ANDI-NATURGAS Hydrogen Chamber ^{EN}

Extract: The ANDI-NATURGAS Hydrogen Chamber presents the results of its most recent national project survey, which identified 36 initiatives in different stages of development, which use hydrogen as an industrial input or energy source. This technical exercise reflects the sustained progress of the Colombian ecosystem and reaffirms the commitment of the business sector to the country's energy transition. The analysis shows a robust and diversified portfolio, with projects ranging from the conceptual phase to ongoing operations. It is important to note that 33% of the projects are in the feasibility phase. Another relevant finding is the role of ammonia as one of the final products with the greatest projection. 25% of the announced projects and 70% of those with a capacity of more than 30 MW are aimed at the production of this derivative. [View article](#)

INDUSTRIALISED COUNTRIES AND OTHER


FCW (28/04/2025): Enagás Launches Public Participation Plan for 2,600Km Hydrogen Backbone Across Spain ^{EN}

Extract: Enagás has kicked off Spain's Public Participation Plan to support its 2,600-kilometer hydrogen pipeline network across 13 regions and 550 municipalities. The project, backed by €75 million [\$80.5 million] in EU funding, aims to link industrial hubs, repurpose gas pipelines, and anchor Spain's role in Europe's hydrogen economy. The announcement, made at the National Hydrogen Centre in Puertollano, Castilla-La Mancha, signals the opening of a key chapter in Spain's bid to become a continental hydrogen hub. [View article](#)

FCW (29/04/2025): OMV Unveils Austria's Largest Green Hydrogen Production Plant ^{EN}

Extract: OMV today announced the successful start-up of its 10 megawatts green hydrogen production plant, located at the Schwechat refinery near Vienna, the largest of its kind in Austria. Approximately EUR 25 million have been invested in the facility, which has the capacity to produce up to 1,500 metric tons of green hydrogen per year. The green hydrogen will be used to produce more sustainable fuels and chemicals, including sustainable aviation fuel (SAF) and renewable diesel (HVO). OMV's new 10 megawatts polymer electrolyte membrane (PEM) electrolyzer is powered entirely by renewable electricity generated from wind, hydro, and solar. [View article](#)

H2 View (01/05/2025): Analysis: Why has Air Products rethought its Neom hydrogen strategy? ^{EN}

Extract: The 2.2GW Neom green hydrogen project has long stood out for its audacious scale and plans to deliver green molecules to Europe. However, those plans have now been delayed. While the plant will still start up at the end of 2026, Air Products, the plant's owner, operator and sole offtaker, won't immediately look to sell Neom hydrogen molecules to European industries. [View article](#) 

Science

Science Direct (04/2025): Mapping the hydrogen power players: An analysis of lobbying on EU hydrogen policy-making ^{EN}

Extract: Recent studies have emphasized economic and technological dimensions of hydrogen and the role of stakeholders for market development. In this article, the aim is to address the topic by identifying relevant actors in EU hydrogen lobbying, an area that has largely been a blind spot in hydrogen stakeholder research. Focusing on the EU, which is a global frontrunner and has introduced several hydrogen policies, we address the following questions: Which interests are involved in hydrogen lobbying during the ongoing hydrogen market ramp-up in the EU? Who are the key stakeholders and what are the characteristics of EU hydrogen lobbying? Examining the structure of EU hydrogen lobbying sheds light on the range of interests present in the hydrogen policy formulation process, allowing an assessment of the balance in interest representation. [View article](#)

Further Press Releases

IEA (23/04/2025): CCUS projects around the world are reaching new milestones ^{EN}

Extract: The latest update to our CCUS Projects Database, which incorporates developments between the first quarter of 2024 and the first quarter of 2025, shows modest changes across the project pipeline. As of the first quarter of 2025, there was just over 50 million tonnes (Mt) of carbon dioxide (CO₂) capture and storage capacity in operation, slightly higher than one year earlier. By 2030, capture capacity is now set to reach around 430 Mt CO₂ per year based

on the current pipeline of projects. Meanwhile, storage capacity could reach around 670 Mt CO₂ by 2030, a 10% increase compared with the previous Database update. [View press release](#)

World Economic Forum (29/04/2025): Japan's hydrogen gamble: What the world can learn from this high-stakes energy bet ^{EN}

Extract: Japan has envisioned a 'hydrogen society,' integrating hydrogen across sectors from transportation and steel production to gas and electricity. Japan promotes hydrogen use in power generation, gas blending and passenger vehicles, but this expansive scope raises questions about strategic focus and feasibility. Japan's journey highlights the need for tailored national strategies that align technology, market design and geopolitical realities. [View press release](#)

Hydrogenious LOHC (29/04/2025): Official approval granted for Hydrogenious LOHC's 'Hector' Storage Plant ^{EN}

Extract: Hydrogenious LOHC has achieved a significant milestone towards designing, building, and operating the world's largest hydrogenation plant for the safe and efficient storage of hydrogen in the LOHC benzyltoluene (LOHC-BT) at Chempark Dormagen in North Rhine-Westphalia, Germany: Project 'Hector' has now received the official building and operating permit for the storage plant in accordance with §4 of the German Federal Immission Control Act (Bundes-Immissionsschutzgesetz – BImSchG). [View press release](#)



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