PtX Press Monitoring – Week 47/2026

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The Green Hydrogen Business Alliance serves as an interface between the European hydrogen industry and European policy makers. 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 Federal Ministry for Economic Cooperation and Development (BMZ) and the Dutch Directorate-General for International Cooperation (DGIS).

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(Political) Debates and Measures

EUROPEAN UNION

ZfK Online (13/11/2026): Transformation of the gas networks: Mitnetz Gas is testing in the 'Hydrogen Village' GER

Extract: How can a natural gas network be converted to hydrogen without rebuilding every facility? In the 'GreenH2Supply' project, the gas network operator Mitnetz Gas, the DBI Group, and the Leipzig University of Applied Sciences (HTWK) are looking into whether the allowable flow rate in facilities can be increased, making expensive new constructions unnecessary. The results are expected by the end of 2028 and should show how network operators can economically use their existing infrastructure for hydrogen. View article

H2 Tech (16/11/2026): IEA: 17% of Spain's announced electrolysis capacity is almost certain or has strong potential to operate by 2030 EN

Extract: The International Energy Agency (IEA) finds that only 17% of the more than 19 GW of electrolysis capacity announced in Spain for 2030 is almost certain or has strong potential to be operating by that date, in a pipeline the review says indicates long-term potential but also showcases execution challenges. A further 17% of the announced capacity has moderate potential, according to the IEA's Spain 2026 Energy Policy Review. View article

HZwei Online (17/11/2026): BDEW warns: The ramp-up of domestic electrolysis is losing momentum GER

Extract: The German Association of Energy and Water Industries (BDEW) has updated its Hydrogen Monitor. This followed a meeting of the National Hydrogen Council. According to the association, the electrolysis capacity currently in operation has remained virtually unchanged since the second quarter. At the same time, the capacity planned for 2030 is falling slightly, as numerous projects have been postponed or cancelled. View article

Energate Messenger Online (en) (17/11/2026): No green H_2 from Denmark without further funding EN

Extract: The German Federal Government is set to fund three hydrogen projects in Denmark. One of the successful applicants, Everfuel founder and CEO Jacob Krogsgaard, has expressly praised the Federal Ministry for Economic Affairs for its coordination efforts as part of the German-Danish hydrogen cooperation. View article

Handelsblatt+ (20/11/2026): Opportunities for hydrogen from the sea are dwindling GER

Extract: With the reform of the Offshore Wind Energy Act (WindSeeG), the CDU/SPD coalition aims to give new impetus to the expansion of wind energy in the North Sea and the Baltic Sea. This is certainly needed: there were no bids at all for the most recent tenders for offshore wind energy sites. View article

GLOBAL

Miningweekly.com (13/11/2026): Hive Hydrogen South Africa highlights surging global interest in green ammonia supply EN

Extract: Interest in green ammonia supply has recently surged beyond expectation, Hive Hydrogen South Africa reported on Friday, November 13. Hive Hydrogen is developing the Coega green ammonia project at the deep-water Port of Ngqura in South Africa's Nelson Mandela Bay. View article

Balkan Green Energy News (16/11/2026): Montenegro becomes member of International Partnership for Hydrogen EN

Extract: Montenegro has officially become a full member of the International Partnership for Hydrogen and Fuel Cells in the Economy, one of the most prominent international platforms for intergovernmental cooperation in the development of hydrogen technologies.
View article

cleantech.media (16/11/2026): Jordan Presents Green Hydrogen, Solar and Energy Storage Opportunities to European Investors EN

Extract: Jordan is set to present a range of investment opportunities in green hydrogen, green ammonia, solar energy and electricity storage at the European-Jordanian Investment Conference 2026, scheduled to take place next Thursday at the King Hussein Bin Talal Convention Centre at the Dead Sea, under the patronage of His Majesty the King. View article

zawya (en) (18/11/2026): Oman's hydrogen ambitions on track EN

Extract: Oman remains firmly committed to its long-term green hydrogen ambitions, with further investment rounds envisaged beyond the newly launched fourth auction, which seeks to harness renewable energy and hydrogen-based backup solutions to power large-scale data centres in Dhofar Governorate. View article

Practice

EUROPEAN UNION

Global Hydrogen Review (16/11/2026): HyCoFlex funded R&D project demonstrates 100% hydrogen-fired industrial cogeneration EN

Extract: Partners in the HyCoFlex Funded research and development (R&D) project have achieved several key 'firsts' and further validating a power-to-hydrogen-to-power-and-heat pathway for real-world deployment. In addition to running at full load at 100% hydrogen with low emissions, the Siemens Energy SGT-400 gas turbine offered cogeneration operation at those levels and extended the whole operating range including start-up. View article

H2 Tech (16/11/2026): Liebherr starts port trials of hydrogen wheel loader in Bremerhaven EN

Extract: Liebherr has started field trials of its hydrogen-powered L 566 H large wheel loader prototype in port bulk handling at Georg Grube GmbH in Bremerhaven, Germany, as part of a multi-year pilot project with the operator and Green Fuels GmbH. The machine runs on green hydrogen produced in the region and is refueled at a dedicated station commissioned at the Fraunhofer IWES Hydrogen Lab in Bremerhaven. View article

Hydrogen Informs (17/11/2026): Largest Renewable Hydrogen Production Plant of France Opens EN

Extract: French independent renewable company Qair launches Hyd'Occ, the largest renewable hydrogen production plant of France. The site is aimed at decarbonizing heavy and intensive transport and is an important factor in the establishment of a solid renewable hydrogen infrastructure at the regional and European levels, right from production to end use. It is backed by a network of hydrogen refueling stations located in Occitanie, which opened in spring 2026 and is a part of the European H2 Corridor. View article

Global Hydrogen Review (17/11/2026): Hy2gen signs €139.8 million grant agreement for Albatros EN

Extract: Hy2gen Nordic AS, the Nordic subsidiary of renewable hydrogen producer Hy2gen, has signed the grant agreement under the European Hydrogen Bank for its Albatros project in Kassø, Aabenraa Municipality, Denmark. The agreement turns the auction award into a binding contract and provides up to €139.8 million in EU support for the planned 100 MW electrolyser facility. View article

Airportzentrale (19/11/2026): Hamburg Airport reports positive results following a three-year hydrogen project GER

Extract: Hamburg Airport has completed the three-year EU research project BSR HyAirport and has drawn a positive conclusion. Together with international partners, the airport investigated how airports can prepare for the future use of hydrogen. The project revealed that initial practical applications are already possible in ground operations, whilst further infrastructure and safety requirements still need to be put in place for hydrogen-powered commercial aircraft. View article

H2 Tech (19/11/2026): ONE SCIENTIFIC and AMBARtec sign letter of intent for proposed hydrogen pilot in Germany EN

Extract: ONE SCIENTIFIC and AMBARtec have signed a Letter of Intent to advance a proposed hydrogen production and storage pilot at AMBARtec's demonstration facility in Freiberg, Germany. The companies will evaluate an integrated system that produces lower-cost hydrogen without electrolysis and stores it using AMBARtec's HyCS technology. View article

EMERGING AND DEVELOPING MARKETS

Green Building Africa (17/11/2026): BurnStar licenses turquoise hydrogen technology to Eden Carbon Solutions for South African SAF plant EN

Extract: BurnStar Technologies has signed a Technology Licence Agreement with Eden Carbon Solutions to supply hydrogen for a new sustainable aviation fuel (SAF) facility in South Africa. Several Guilt Free Hydrogen™ reactors will be installed on site, producing hydrogen from methane while sequestering carbon as a solid. The licence covers South Africa and is limited to SAF, related synthetic fuels, carbon removal credits and speciality carbon materials.
View article

Ship & Bunker (18/11/2026): TotalEnergies Abandons $16 Billion Green Ammonia Project in Chile EN

Extract: Energy firm TotalEnergies has scrapped plans to develop a $16 billion green hydrogen and ammonia project in southern Chile, withdrawing its environmental assessment application citing weak market demand and high development costs. View article

Global Hydrogen Review (18/11/2026): Utility Global and Tata Steel to deploy Utility's first industrial H2Gen® project in India EN

Extract: The project is planned to use a blast furnace gas and basic oxygen furnace gas mix designed to produce 10 tpd of clean hydrogen from water, which would make it Utility's largest industrial H2Gen® deployment to date announced globally and the first announced in India. India is not only the fastest-growing steelmaking market in the world but also contains the largest number of operating blast furnaces outside of China, representing the biggest market for Utility's H2Gen® technology, which can uniquely enable economic decarbonisation of blast furnaces. View article

Global Hydrogen Review (19/11/2026): 45-8 ENERGY signs MoU with the Ras Al Khaimah Department of Energy EN

Extract: The agreement covers Areas 4 and 5 of RAK South and launches a 24-month programme of geological studies and fieldwork aimed at evaluating the area’s natural hydrogen potential and identifying priority targets for future exploration drilling. The programme represents an important step towards assessing the resource potential of one of the world’s most promising natural hydrogen settings and establishing the technical and economic foundations for 45-8 ENERGY and the DoE to negotiate a future exploration and production agreement for either Area 4 or Area 5 of RAK South. View article

Global Hydrogen Review (19/11/2026): PyroGenesis selected for waste-to-hydrogen project in India EN

Extract: he project is an initiative of NTPC Energy Technology Research Alliance (NETRA), the research and development arm of NTPC Ltd, India's largest power utility. The facility is expected to be among the first of its kind in India, demonstrating the potential to convert municipal waste into a valuable energy resource. View article

GLOBAL

Global Hydrogen Review (18/11/2026): Plug launches GenEco™ Scale integrated electrolyser plant EN

Extract: Plug announced the commercial launch of GenEco™ Scale, a new integrated electrolyser plant offering for utility-scale hydrogen production, with Arcadia eFuels as its first customer for the 280 MW hydrogen plant at Project ARC, Texas, US. Built around a standardised 20 MW block architecture, GenEco Scale combines Plug's proven proton exchange membrane (PEM) electrolyser technology with integrated balance-of-plant systems into a modular, pre-engineered solution for hydrogen production projects of approximately 100 MW and above. View article

Renewables Now (19/11/2026): Protium's 70-MW Teesside hydrogen project advances in UK funding round EN

Extract: UK green hydrogen developer Protium's planned 70-MW South Tees Net Zero (STNZ) project has completed due diligence and received an invitation to the next stage of the government's Hydrogen Allocation Round 2 (HAR2) funding process. View article

Science

INGENIEUR.de (18/11/2026): New hydrogen catalyst withstands thousands of load changes GER

Extract: A lithium catalyst lowers the cell voltage of a hydrogen electrolyzer in lab tests. Even after thousands of start-stop cycles, the degradation remains low. A new catalyst is supposed to make the production of green hydrogen more efficient and more resilient to fluctuating power supply. Researchers at the South Korean energy company SK Innovation are using lithium for this purpose. Lab tests with an electrolyzer show lower cell voltage and high stability under changing loads. View article

Process Online (19/11/2026): Energy storage: supplying hydrogen 'on demand' GER

Extract: A new material jointly developed by researchers from Ulm and Jena is capable of storing energy from sunlight and converting it into hydrogen even days later – and it can do so even in the dark. A notable feature is that the process is reversible and can be controlled via the pH value. View article

Further Press Releases

siemens-energy.com (16/11/2026): HyCoFlex research project demonstrates industrial combined heat and power generation using 100 per cent hydrogen GER

Extract: The HyCoFlex research and development project brings together Siemens Energy, ENGIE, Smurfit Westrock, Equinor, the German Aerospace Centre (DLR), the National Technical University of Athens (NTUA), PNO Innovation and CENTRAX. As part of a comprehensive

series of tests at Smurfit Westrock's paper mill in Saillat-sur-Vienne, France, the project partners used 100 per cent renewable hydrogen in a fully integrated combined heat and power plant to generate both electricity and industrial process steam simultaneously.
View press release

BDEW (17/11/2026): The roll-out of hydrogen now requires a practical regulatory framework GER

Extract: To mark today's meeting of the National Hydrogen Council, the BDEW is publishing an updated version of its Hydrogen Monitor. For the first time, this also covers hydrogen storage. The National Hydrogen Council comprises BDEW President Stefan Dohler (EWE), who chairs the body, and Dr Kirsten Westphal, a member of the BDEW Executive Board. Kerstin Andreae, Chair of the BDEW Executive Board, comments on the BDEW Hydrogen Monitor:
View press release

A selection of hard (black) and soft (grey) paywall articles is included given their high relevance. If necessary, please purchase access from the respective provider.