

# PtX Press Monitoring – Week 44/2024

## Table of contents

<b>Press releases / News from the public sector</b> .....	<b>1</b>
BMWK (26/10/2024): Habeck: ‘Germany and India are working together on green hydrogen’ <sup>GER</sup> .....	1
<b>(Political) Debates and measures</b> .....	<b>2</b>
Germany .....	2
Spiegel (30/10/2024): German Hydrogen Association reorganises its leadership <sup>GER</sup> .....	2
Europe.....	2
Euractiv (25/10/2024): Renewable hydrogen projects win innovation grants, Germany requests rules delay to nurture sectoral growth <sup>EN</sup> .....	2
H2 View (30/10/2024): Labour’s first budget in 14 years confirms £2bn for green hydrogen projects <sup>EN</sup> .....	2
Enerdata (31/10/2024): The EU’s Renewable Hydrogen Policy Framework <sup>EN</sup> .....	2
Global.....	3
The Namibian (27/10/2024): Job Opportunities in Namibia’s Green Hydrogen Sector <sup>EN</sup> .....	3
France 24 (28/10/2024): France, Morocco sign deals worth over €10 billion during Macron visit <sup>EN</sup> .....	3
Offshore Energy (28/10/2024): India and Germany forge green hydrogen ties <sup>EN</sup> .....	3
Wirtschaftswoche (29/10/2024): Will Saudi Arabia save the German energy transition? <sup>GER</sup> .....	4
Hydrogen Insight (30/10/2024): Green hydrogen   About three quarters of electrolysers made in China in 2030 will be exported <sup>EN</sup> .....	4

<b>Practice .....</b>	<b>4</b>
Developing and emerging countries.....	4
Hydrogen Industry Leaders (24/10/2024): CMMZE Announce Joint Development Agreement On Green Hydrogen With Morocco <sup>EN</sup> .....	4
Offshore Energy (29/10/2024): TotalEnergies and partners to develop large-scale green hydrogen project in Morocco <sup>EN</sup> .....	4
Renewables Now (30/10/2024): AM Green orders John Cockerill electrolyser for 1.3 GW India project <sup>EN</sup> .....	5
Industrialised Countries and Other .....	5
ReNews (24/10/2024): EC awards Danish PtX project €50m <sup>EN</sup> .....	5
Renewables Now (25/10/24): Spain's windfall tax threat forces Cepsa to pause green H2 plans <sup>EN</sup> .....	5
PV Magazine (28/10 /2024): Go Energy Group plans to install 170 MW of green hydrogen and ammonia in Spain <sup>EN</sup> .....	6
Montel (31/10/2024): Uniper prepares Staudinger site for H2-capable block <sup>GER</sup> .....	6
<b>Science .....</b>	<b>6</b>
idw (28/10/24): Breakthrough in alkaline membrane electrolyzers <sup>GER</sup> .....	6
Clean Energy Wire (29/10/2024): Europe to require relatively low volumes of hydrogen imports – researchers <sup>EN</sup> .....	6
<b>Press releases from the private sector.....</b>	<b>7</b>
BASF (28/10/24): BASF and AM Green enter MoU to jointly evaluate opportunities in low-carbon chemicals in India and for the offtake of 100,000 tons of green ammonia annually <sup>EN</sup> .....	7

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.

Contact: [h2-business-alliance@giz.de](mailto:h2-business-alliance@giz.de)

**BMWK (26/10/2024): Habeck: 'Germany and India are working together on green hydrogen'** <sup>GER</sup>

Extract: Germany and India want to drive forward the international ramp-up of green hydrogen. As part of the 7th Indo-German intergovernmental consultations, both countries agreed to finalise an Indo-German Green Hydrogen Roadmap, which is intended to help make green hydrogen economically viable in the long term and support the global production and trade of green hydrogen. An energy supply with green hydrogen is essential to enable climate-neutral production in industries that are difficult to decarbonise, such as the steel and cement sectors. Germany and India have been working closely together since 2006 as part of an energy partnership. [View press release](#)

## GERMANY

### **Spiegel (30/10/2024): German Hydrogen Association reorganises its leadership** <sup>GER</sup>

Extract: The German Hydrogen Association (DWV) is reorganising its leadership. Friederike Lassen, previously Head of Policy and Regulation, will become a member of the association's Executive Board from 1 November. The Executive Committee has decided that the DWV will be led by a dual leadership team in future. The selection process for the second position on the Executive Board has not yet been finalised. The current Chairman of the Executive Board, Werner Diwald, has been in office since 2014 and will step down on 31 December of this year. The Executive Committee and Diwald have agreed on this. Oliver Weinmann, President of the association since 2020, is leaving his position 'for the time being for personal reasons'.

[View article](#)

## EUROPE

### **Euractiv (25/10/2024): Renewable hydrogen projects win innovation grants, Germany requests rules delay to nurture sectoral growth** <sup>EN</sup>

Extract: Renewable hydrogen and net-zero mobility projects were among the winners of a €4.8 billion grant from the European Commission's Innovation Fund, the largest funding round since its inception. Despite the new funding, Germany has requested that the Commission adjust the rules for renewable hydrogen. The 85 winning projects, which promise to help put cutting-edge clean technologies into action across Europe, are located in 18 countries, including Belgium, Denmark, Germany, Greece, Spain, France, Croatia, Italy, Hungary, and Slovakia. According to the Commission's announcement on 24 October, this is the first time projects of all sizes, including those focused on cleantech manufacturing, have been chosen. [View article](#)

### **H2 View (30/10/2024): Labour's first budget in 14 years confirms £2bn for green hydrogen projects** <sup>EN</sup>

Extract: UK Chancellor Rachel Reeves has confirmed £2bn (\$2.6bn) of funding for 11 green hydrogen projects totalling 125MW of capacity. Previously selected for funding under the Conservatives, Reeves, in the first Labour budget for 14 years – delivered by the female Chancellor – confirmed that the revenue support will be carried out. "Today, I am providing funding for 11 new green hydrogen projects across England, Scotland and Wales," Reeves said. "They will be amongst the first commercial-scale projects anywhere in the world." The 11 projects under the first Hydrogen Allocation Round (HAR1), have been kept in limbo for around 10 months while awaiting confirmation of the funding. [View article](#)

### **Enerdata (31/10/2024): The EU's Renewable Hydrogen Policy Framework** <sup>EN</sup>

Extract: In 2020, the European Commission introduced a dedicated hydrogen strategy aiming to achieve the ambitious target of 10 million tons of renewable hydrogen production within the EU by 2030. This initiative gained further momentum with the European Commission's

REPowerEU communication in May 2022, which reinforced renewable hydrogen objectives by adding the goal of importing 10 million tonnes of renewable hydrogen by 2030. However, at the time of their release, no legislative framework had been established to explicitly outline what constitutes this denomination. It was not until February 2023, that the European Commission enacted two delegated acts in accordance with the requirements set forth in the Renewable Energy Directive II. [View article](#)

## GLOBAL

### **The Namibian (27/10/2024): Job Opportunities in Namibia's Green Hydrogen Sector** <sup>EN</sup>

Extract: Namibia's green hydrogen sector isn't just about producing energy – it represents a value chain that involves producing, handling, storing, and transporting hydrogen. It also has the potential to boost local industries, such as producing Green Hot Briquetted Iron and processing critical raw materials, which can drive the country's industrial growth. According to the Green Industrialisation Blueprint, fully developing Namibia's synthetic fuel strategy could create up to 250 000 jobs. This includes about 185 000 direct jobs from activities like building wind and solar farms, operating pipelines, and assembling electrolysers, and around 70 000 jobs related to concrete manufacturing, basic metals production and outsourced business services. [View article](#)

### **France 24 (28/10/2024): France, Morocco sign deals worth over €10 billion during Macron visit** <sup>EN</sup>

Extract: France and Morocco reached agreements on Monday totalling "up to ten billion euros", sources with direct knowledge to the matter told AFP, during French President Emmanuel Macron's three-day visit to Morocco aiming to mend strained relations. Several deals were signed in the presence of Macron and King Mohammed VI, with more expected on Tuesday, including on energy and infrastructure. (...) Energy company Engie and the Moroccan Phosphates Office meanwhile signed a renewables agreement with potential investments reaching up to 3.5 billion euros, according to AFP reporters. France's TotalEnergies also inked a deal to develop "green hydrogen" production in the north African country. [View article](#)


### **Offshore Energy (28/10/2024): India and Germany forge green hydrogen ties** <sup>EN</sup>

Extract: To promote the market ramp-up of green hydrogen and enhance cooperation in climate action and sustainable development, India and Germany have launched the "Indo-German Green Hydrogen Roadmap." The countries released the roadmap during the seventh round of India-Germany Inter-Governmental Consultations (7th IGC) on October 25, 2024, in New Delhi. Indian Prime Minister Narendra Modi and German Federal Chancellor Olaf Scholz co-chaired the event. As disclosed, the roadmap is expected to help support India's ambition for the production, usage and export of green hydrogen while also contributing to its swifter adoption as a sustainable source of energy in both countries. [View article](#)

**Wirtschaftswoche (29/10/2024): Will Saudi Arabia save the German energy transition?** <sup>GER</sup>

Extract: A mega-project planned by the Saudi Arabian government comes at just the right time: the kingdom wants to establish the world's largest company for green hydrogen - with the help of the Saudi sovereign wealth fund Public Investment Fund (PIF) and a number of international investors. According to reports, the main sales markets will be Asia and Europe, with Germany playing a prominent role. (...) German energy manager Cord Landsmann, who has worked for E.On and Uniper among others, is to take over the management of the new company based in the Middle East. Siemens Energy, which has been researching and producing in the Gulf region for years, and Thyssenkrupp are also involved. [View article](#)

**Hydrogen Insight (30/10/2024): Green hydrogen | About three quarters of electrolyzers made in China in 2030 will be exported** <sup>EN</sup>

Extract: China is set to emerge as the world's leading electrolyser supplier to the global hydrogen market over the next ten years, largely due to lower manufacturing costs, according to a new report from the International Energy Agency (IEA). "China's exports of electrolyzers are currently minimal, but the country is set to emerge as a major supplier to the global market over the next decade... it is the leading exporter," says the agency's Energy Technology Perspectives 2025 report. "The cost of making electrolyzers is expected to remain significantly lower in China than in the rest of the world. Costs remain highly competitive... thanks to the lower capital cost, the country's large existing manufacturing capacity and economies of scale, and lower labour and energy costs. [View article](#) 

## Practice

### DEVELOPING AND EMERGING COUNTRIES

**Hydrogen Industry Leaders (24/10/2024): CMMZE Announce Joint Development Agreement On Green Hydrogen With Morocco** <sup>EN</sup>

Extract: CMMZE Invest UAE, led by CEO Alex, and Gaia Future Energy, represented by CEO Moundir Zniber, are pleased to announce the signing of a Joint Development Agreement to collaborate on a cutting-edge green hydrogen production and export project in Guelmim, Morocco. This partnership highlights both companies' commitment to advancing renewable energy initiatives and establishing Morocco as a leader in the green hydrogen sector. (...) The project, which will utilise 200 MWe of electrolyser capacity powered by a combination of wind, solar, and battery storage, aims to produce hydrogen for export through the Port of Agadir. This landmark initiative aligns with Morocco's strategy to become a global hub for green hydrogen production, targeting 2025 for completion. [View article](#)

**Offshore Energy (29/10/2024): TotalEnergies and partners to develop large-scale green hydrogen project in Morocco** <sup>EN</sup>

Extract: TE H2, a joint venture between TotalEnergies and EREN Group, and Danish companies Copenhagen Infrastructure Partners (CIP) and A.P. Møller Capital have teamed up to

develop a large-scale green hydrogen project in Morocco. The partners have signed a preliminary contract with the government of the Kingdom of Morocco for land reservation for the so-called Chbika project to be located near the Atlantic coast in the Guelmim-Oued Noun region. The contract is said to be a first in Morocco, highlighting the country's exceptional renewable potential and contributing to Morocco's economic development. [View article](#)

### **Renewables Now (30/10/2024): AM Green orders John Cockerill electrolyser for 1.3 GW India project <sup>EN</sup>**

Extract: India's AM Green has formalised its partnership with Belgian mechanical engineering specialist John Cockerill with an order to supply electrolysis technology for a 1.3 GW green hydrogen-to-ammonia project in Kakinada, Andhra Pradesh. Touted as India's biggest electrolyser deal, the contract will be executed in two phases of 640 MW each, with the first batch of advanced pressurised alkaline electrolysers to be covered by the European company. As part of the partnership, AM Green and John Cockerill will set up India's largest electrolyser manufacturing plant in Kakinada with a capacity of 2 GW per year. The future plant will supply the remaining 640 MW of electrolysers needed. [View article](#)

## **INDUSTRIALISED COUNTRIES AND OTHER**

### **ReNews (24/10/2024): EC awards Danish PtX project €50m <sup>EN</sup>**

Extract: European Energy has been awarded a grant by the European Commission for a power-to-X project in Denmark. The grant for the green methanol project is for more than €50m and was awarded under the EU Innovation Fund. The support will help finance the construction of the scheme. Construction of the project is expected to begin in 2026, with the facility becoming operational by 2028/29. The plant builds on the unique knowledge European Energy has generated with its first green methanol facility in Kassø, Denmark (pictured), which is being commissioned with a production capacity of approximately 32,000 tonnes of green methanol annually. The new project will produce over 100,000 tonnes of green methanol annually. [View article](#)

### **Renewables Now (25/10/24): Spain's windfall tax threat forces Cepsa to pause green H2 plans <sup>EN</sup>**

Extract: Spanish petroleum company Cepsa has decided to halt investments in green hydrogen projects in Spain due to the possibility that the country's extraordinary and temporary tax on energy revenues may become permanent, according to multiple media reports. A permanent tax, if approved, will slow down Cepsa's investments planned in Spain and prioritise green hydrogen projects abroad that were initially planned for the second phase of its Positive Motion strategy, the company told the media. The investment freeze in Spain would allow Cepsa to channel the money to accelerate already identified projects in Algeria, Morocco, Brazil, and the United States, Spanish business daily Expansion reported. [View article](#)

### **PV Magazine (28/10 /2024): Go Energy Group plans to install 170 MW of green hydrogen and ammonia in Spain** <sup>EN</sup>

Extract: A few weeks ago, the International Energy Agency (IEA) published its Global Hydrogen Review 2024, which shows how the clean hydrogen sector is adding more projects and more final investment decisions, “but setbacks persist”: of the 20 GW of electrolyzers announced worldwide, only 6.5 GW have confirmed their final investment decision (FID). In Spain, two oil companies have threatened to halt electrolyser projects in the event that a 1.2% tax is applied to large energy companies. Joaquin Verdeguer Asensi, CEO in Spain of the United Arab Emirates company Go Energy Group, has shared with pv magazine that the company's plans to develop two projects in the Andalusian Green Hydrogen Valley are still on track: specifically, a 100 MW green hydrogen and ammonia plant in San Juan del Puerto, and another 70 MW plant in Gibralfaro. The investment for the two projects will exceed €300 million. [View article](#)

### **Montel (31/10/2024): Uniper prepares Staudinger site for H2-capable block** <sup>GER</sup>

Extract: The Düsseldorf-based energy group Uniper is preparing the Staudinger power plant site in Hesse for a hydrogen-capable gas-fired power plant (...). Discussions with politicians and authorities are already underway. The power plant site, located east of Frankfurt and directly on the River Main, has very good infrastructure connections, said Adrian Schaffranietz. ‘Accordingly, Uniper is preparing intensively to make the Staudinger site fit for possible participation in the planned tenders,’ he added. A plant with a capacity of up to 890 MW is possible, which could be operated with natural gas from the end of 2029 until 2038 and then completely with hydrogen. [View article](#)

## Science

### **idw (28/10/24): Breakthrough in alkaline membrane electrolyzers** <sup>GER</sup>

Extract: A team from Technische Universität Berlin, HZB, IMTEK (University of Freiburg) and Siemens Energy has succeeded in developing an alkaline membrane electrolyser that comes close to the performance of established PEM electrolyzers. The special feature: The anode catalyser consists of inexpensive nickel compounds and not iridium. At BESSY II, the team was able to clarify the catalytic processes in detail. In Freiburg, prototype cells were built using a new coating process and tested in operation. The results have been published in the renowned journal Nature Catalysis. [View article](#)

### **Clean Energy Wire (29/10/2024): Europe to require relatively low volumes of hydrogen imports – researchers** <sup>EN</sup>

Extract: The projected demand for green hydrogen in Europe can largely be covered by domestic production, said researchers from Germany’s Fraunhofer Cluster of Excellence Integrated Energy Systems (CINES). They analysed low (700 terawatt hours (TWh) by 2050), medium and high-demand (2,800 TWh) scenarios for the continent for 2050 and said that even in their highest demand scenario, only ten percent would have to be imported, for example



from northern Africa. Green hydrogen produced in Europe would remain competitive with imports if the energy system is built out in the right way, said researcher Tobias Fleiter. “The additional costs for transport from North Africa and the Middle East compensate for the low production costs there,” he said. In all scenarios, the electrolyzers needed to produce the fuel would initially be built along the wind energy locations with favourable electricity generation costs, above all on the coasts of the UK, Norway, north-west Germany and France. In the longer term, sunny locations in southern Europe will be added, particularly on the Iberian Peninsula, the Balkans and in Italy. [View article](#)

## Press releases from the private sector

### **BASF (28/10/24): BASF and AM Green enter MoU to jointly evaluate opportunities in low-carbon chemicals in India and for the offtake of 100,000 tons of green ammonia annually**

EN

Extract: BASF and AM Green B.V. have entered a memorandum of understanding (MoU) to jointly evaluate and develop business opportunities for low-carbon chemicals produced exclusively with renewable energy, and the corresponding value chains in India. (...) Under the MoU, BASF and AM Green intend to conduct feasibility studies on low-carbon chemicals production in India including a joint evaluation of potential technologies. The cooperation also includes a non-binding letter of intent for the offtake of 100,000 tons annually of ammonia produced exclusively with renewable energy including energy from pumped storage projects from AM Green’s plants in different locations in India. This ammonia will meet EU standards for renewable fuels of non-biological origin (RFNBO) as defined in the Renewable Energy Directive (RED III). [View press release](#)



A selection of paywall articles is included given their high relevance to the topic. If necessary, please purchase access from the respective provider.