

wintershall dea

PRESS RELEASE

WINTERSHALL DEA AND NWO AGREE PLANS FOR HYDROGEN PRODUCTION IN WILHELMSHAVEN

- Wintershall Dea and Nord-West Oelleitung (NWO) sign memorandum of understanding for BlueHyNow hydrogen production plant on NWO site
- Existing infrastructure to be upgraded for hydrogen use: NWO pipeline network to transport Wintershall Dea's hydrogen to industrial customers

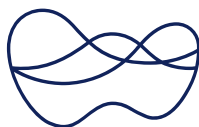
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Wilhelmshaven / Kassel. Wintershall Dea and Nord-West Oelleitung (NWO) will collaborate on Wintershall Dea's BlueHyNow project. A plant for the production of large volumes of hydrogen using Norwegian natural gas is being planned by Wintershall Dea, Europe's largest independent gas and oil producer. BlueHyNow is part of the EnergyHub currently under construction in Wilhelmshaven. NWO has a partly unused pipeline infrastructure in the region, expertise in raw material transportation and storage, and a site at the deepwater port in Wilhelmshaven. The two companies signed a memorandum of understanding on 2 August and plan to complete a feasibility study by the end of the year. The study will explore the construction of a hydrogen production plant on the NWO site in Wilhelmshaven.

"To ensure that we can guarantee future energy security in Germany and drive forward the energy transition, we need hydrogen from natural gas – as well as hydrogen from renewables," says Hugo Dijkgraaf, board member and Chief Technology Officer (CTO) at Wintershall Dea: "At the Wilhelmshaven site, NWO and Wintershall Dea complement each other perfectly. Along the value chain, from production of hydrogen to its distribution to consumers, we want to pull together as partners in the future and



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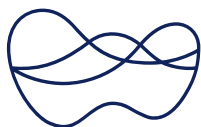
accelerate the development of the urgently needed hydrogen network." Only recently, the company announced future investments in the hydrogen sector.

The hydrogen produced can be delivered by pipeline to industrial customers for use as a decarbonised energy source or as a raw material, so reducing their CO₂ emissions.

"Together with Wintershall Dea, we are making our contribution to the energy transition, becoming part of the new EnergyHub in Wilhelmshaven and continuing to be a reliable and relevant partner for supply security," added Dr. Jörg Niegsch, Managing Director of NWO.

Hydrogen is seen as a crucial component for a climate-neutral energy supply. But Germany faces a significant capacity gap. According to current forecasts, hydrogen demand will rise from 55 TWh/year today to 90 - 110 TWh/year as early as 2030. The current plans in the German government's coalition agreement focus on hydrogen based on electricity from renewable energies and will only add around 28 TWh/year. This is where Wintershall Dea comes in. The company wants to support the development of the hydrogen market with BlueHyNow and its capacity of 5.6 TWh/year. The CO₂ generated during production will be captured and then shipped to Norway and Denmark for safe and permanent storage in deep geological rock layers under the seabed.

You can also find more information about BlueHyNow here: [Wintershall Dea helps shape the Wilhelmshaven Energyhub.](#)



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About Wintershall Dea

Wintershall Dea is Europe's leading independent natural gas and oil company with more than 120 years of experience as an operator and project partner along the entire E&P value chain. The company with German roots and headquarters in Kassel and Hamburg explores for and produces gas and oil in 13 countries worldwide in an efficient and responsible manner. With activities in Europe, Russia, Latin America and the MENA region (Middle East & North Africa), Wintershall Dea has a global upstream portfolio and, with its participation in natural gas transport, is also active in midstream business. ***More in our [Annual Report](#).***

As a European gas and oil company, we support the goal of the EU to be climate-neutral by 2050. To this end, we have set ourselves ambitious targets. Our target is to reduce Scope 1 and Scope 2 greenhouse gas emissions by 2030 in all self-operated and partner-operated exploration and production activities in line with our share to net zero. In addition, Wintershall Dea aims to reduce its methane intensity to below 0.1% by 2025 and to continue to maintain zero routine flaring of associated gas. The climate targets should be achieved through optimising the portfolio, reducing emissions, increasing energy efficiency, investing in nature-based mitigation solutions and forward-looking technologies such as hydrogen and CCS. ***More on this can be found in our [Sustainability Report](#).***

Wintershall Dea was formed from the merger of Wintershall Holding GmbH and DEA Deutsche Erdoel AG, in 2019. Today, the company employs around 2,500 people from over 60 nations.

More information on the Internet at www.wintershalldea.com or follow us on [Twitter](#), [Facebook](#), [LinkedIn](#), [YouTube](#) and [Instagram](#).