

Media information

Opening of the Hypion heavy-duty hydrogen refuelling station in Neumünster

Head of the State Chancellery Dirk Schrödter inaugurates "H2-Hub Neumünster" and gives the go-ahead for environmentally friendly refuelling of trucks and cars

(Neumünster, 30.11.2023) The first hydrogen filling station specially optimized for heavy commercial vehicles was officially opened today in Neumünster in the presence of the Head of the state chancellery Dirk Schrödter. From today, one kg of hydrogen can be refuelled at the hydrogen refuelling station, which is now freely accessible, at a gross price of EUR 9.75 at 350 bar and EUR 9.99 gross at 700 bar.

With its high capacity of 2,000 kg of hydrogen refuelling per day at two 350 bar and one 700 bar dispenser and its geographical location on the BAB 7 motorway, the hydrogen filling station operated by Hypion is the first AFIR-compliant (Alternative Fuel Infrastructure Regulation) hydrogen filling station in Europe. The hydrogen filling station at Donaubogen 4, located in the logistics hub of Neumünster, is now available for refuelling trucks and cars.

In Schleswig-Holstein, this step marks a significant milestone for the ramp-up of the hydrogen economy. "I am delighted that Schleswig-Holstein is actively driving forward the urgently needed decarbonization of the transport sector. The construction of a hydrogen filling station of this size represents a technological innovation and also creates essential infrastructure for road freight transport, both regionally and nationally. Above all, this strengthens the business location, but also opens up more diverse options for private individuals to rely on green hydrogen as an environmentally friendly drive for mobility," said the head of the state chancellery Dirk Schrödter.

The opening marks the achievement of an important goal for Hypion as the responsible operating company, as Managing Director Dr. Stefan Rehm emphasizes: "The hydrogen filling station that has now been opened is an example of consistent and targeted implementation of a hydrogen project and the decisive building block for the H2Hub Neumünster, which was founded in 2020. Pioneers of emission-free heavy



goods transport have come together at an early stage to work together to create economically viable solutions for emission-free road freight transport."

There is now a high level of commitment between the service station operator and the local fleet operators Herbert Voigt, F. A. Kruse jun., Edeka Nord, Netto Marken-Discount and Ernst Krebs, who have been committed to the project from the outset.

As pioneers and investors, EDF Deutschland (Électricité de France) and HanseWerk have driven the project forward and made it possible. Matthias Boxberger, CEO of HanseWerk AG, adds: "Neumünster is traditionally a logistics hub in the center of the state. We have ideal conditions here to actively promote the green hydrogen economy in the north. I am delighted that we can now set this milestone for the mobility transition and offer local companies a sustainable solution for emission-free heavy goods transport."

Beatrice Buffon, Group Executive Director in charge of international Management, EDF International SAS, emphasizes: "The commissioning of Neumünster is an important step on the way to actively promoting the decarbonization of important economic sectors. Only practical implementation will provide the experience needed to establish CO₂ -neutral heavy goods transport. With its location in the Scan-Med corridor, the Neumünster project also has an impact at European level."

"The entire implementation of this project was only possible thanks to the close cooperation with our reliable partners and investors. Only the close cooperation of companies from a wide range of sectors makes it possible to overcome the major challenges of the energy and mobility transition," summarizes Rehm in his concluding remarks.



The H2-HubNMS project is being funded by the Federal Ministry for Digital and Transport Affairs with a total of 4,891,320 euros as part of the National Innovation Program for Hydrogen and Fuel Cell Technology. The funding guideline is coordinated by NOW GmbH and implemented by Project Management Jülich (PtJ)



Gefördert durch:



Koordiniert durch:



Projektträger:



Market environment

The mobility sector is responsible for around 20% of annual carbon emissions worldwide and hydrogen plays an important role in reducing these emissions. Heavy goods vehicles are particularly important in this respect. The provision of green hydrogen for use in the mobility sector, among others, is therefore a crucial building block for reducing carbon emissions. Overall systems with hydrogen production, transportation, distribution, and use must be developed as integrated hydrogen economies. Hypion is realizing this with its partners and the key project in Neumünster, the first AFIR-compliant hydrogen filling station in Europe.

Hypion GmbH

Hypion is involved in the development of integrated green hydrogen economies to supply mobility, industry, buildings and the electricity market with clean energy. The sectors are coupled energetically via sustainable hydrogen and a systematic linking of specific location factors. The economic use of H₂ as a material energy storage medium, energy source or raw material in the industrial sector is already possible today. As a specialist in the green hydrogen economy, Hypion's core competence today lies in implementation-oriented project engineering.

Hypion is a joint venture between the engineering firm IPP Projects GmbH, the development agency Region Heide AöR, EDF Deutschland GmbH and HanseWerk AG. Find out more at www.hypion.eu and follow @hypion on LinkedIn.

HanseWerk AG

More than 3 million customers in northern Germany purchase electricity, gas or heat directly or indirectly via the energy grids operated by the HanseWerk Group and its subsidiaries. In addition, the company offers its partners and customers modern and



efficient energy solutions with a focus on grid operation, decentralized energy generation and e-mobility solutions.

As a partner of the energy transition, the HanseWerk Group has connected several tens of thousands of renewable energy plants to its grids in recent years and operates around 850 energy conversion plants and a natural gas storage facility in parallel. The HanseWerk Group is a major training company in the north and is involved in many research projects on the energy transition, such as the North German Real Laboratory. The HanseWerk Group will be climate-neutral by 2030: To this end, its total of 47 locations, its fleet of several hundred vehicles, its electricity and gas network operations and its heat and power generation will be climate-neutral by 2030.

The companies of the HanseWerk Group are deeply rooted in the region through the participation of the eleven Schleswig-Holstein districts and more than 450 municipalities and support a large number of social and cultural projects, such as the Schleswig-Holstein Music Festival, the Hamburg street magazine Hinz&Kunzt and the Schleswig-Holstein Netz Cup on the Kiel Canal.

EDF Germany GmbH

As a wholly owned subsidiary of EDF International SAS based in Berlin, the subsidiary EDF Deutschland GmbH is responsible for developing the Group's activities in Germany. It focuses on the promotion and development of the Group's business areas, in particular new business models in the energy sector and innovative solutions to accompany the German energy transition. EDF Deutschland also represents the Group among political and economic opinion leaders in Germany.