

Press release

Green hydrogen for commercial vehicles – RWE and Westfalen Group set up hydrogen fuel station in Lingen – go-ahead for national fuel station network

- **First H₂ fuel station to become operational in 2024 – RWE to supply green hydrogen**
- **RWE and Westfalen Group aim to build about 70 hydrogen fuel stations by 2030 – initially with regional focus on North Rhine-Westphalia and Lower Saxony**
- **Over €6 million in financing from the Federal Ministry for Digital and Transport for fuel station construction in Lingen**

Essen, 10 May 2023

RWE and the Westfalen Group will work together in future to supply green hydrogen for hydrogen-powered vehicles. Through a joint venture, RWE and Westfalen aim to develop a hydrogen fuel station infrastructure in Germany for heavy commercial vehicles in particular. Up to 70 hydrogen fuel stations will be in place by 2030, depending on how the market develops.

Sopna Sury, COO Hydrogen RWE Generation: “Hydrogen can play a crucial part in significantly reducing carbon emissions in heavy goods transportation. The collaborative arrangement with the Westfalen Group is therefore ground-breaking. RWE will supply the green hydrogen from its electrolyser infrastructure in Lingen, and the Westfalen Group will take care of setting up and operating the fuel station infrastructure. Working together in this way will be our contribution towards getting hydrogen-powered transportation swiftly onto the roads.”

Thomas Perkmann, CEO Westfalen Group: “We have been experts in handling and transporting hydrogen for more than 40 years. Our combination of skills in the areas of fuel stations and hydrogen is rare in the industry, which makes us ideal for building up a strong network of hydrogen fuel stations. We are looking forward to working with RWE to advance this project and thus help to make heavy goods transportation environmentally friendly.”

The partnership will initially have a regional focus on North Rhine-Westphalia and Lower Saxony. The expansion will be coordinated with logistics firms in the respective regions. The first locations will be close to logistics centres, which offer the best conditions for the economically efficient operation of hydrogen fuel stations, and the plan is to follow these with locations along motorways.

The first public hydrogen fuel station under the joint venture will be installed in front of the grounds of RWE's Emsland gas-fired power station. Starting in 2024, goods vehicles, buses, refuse vehicles, small trucks and passenger vehicles will be able to refuel with green hydrogen there. The facility, run by Westfalen, will also include a trailer filling station to enable tankers to deliver green hydrogen to other customers in the region.

The green hydrogen for the fuel station and filling station will initially be generated in a 14-megawatt pilot electrolyser which RWE is currently constructing on the site of the Emsland gas-fired power station.

The Federal Ministry of Digital Affairs and Transport is funding the construction of the hydrogen filling station in Lingen with over 6 million euros as part of the National Hydrogen and Fuel Cell Technology Innovation Programme. The funding directive is coordinated by NOW GmbH and implemented by Project Management Jülich (PtJ).

Provided that antitrust reviews of the planned cooperation are positive, RWE and Westfalen plan to establish their joint venture before the end of this year.

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Funded by:



Federal Ministry
for Digital
and Transport

Coordinated by:



Project management:



RWE

RWE is leading the way to a green energy world. With an extensive investment and growth strategy, the company will expand its powerful, green generation capacity to 50 gigawatts internationally by 2030. RWE is investing more than €50 billion gross for this purpose in this decade. The portfolio is based on offshore and onshore wind, solar, hydrogen, batteries, biomass and gas. RWE Supply & Trading provides tailored energy solutions for large customers. RWE has locations in the attractive markets of Europe, North America and the Asia-Pacific region. The company is responsibly phasing out nuclear energy and coal. Government-mandated phaseout roadmaps have been defined for both of these energy sources. RWE employs around 19,000 people worldwide and has a clear target: to get to net zero by 2040. On its way there, the company has set itself ambitious targets for all activities that cause greenhouse gas emissions. The Science Based Targets initiative has confirmed that these emission reduction targets are in line with the Paris Agreement. Very much in the spirit of the company's purpose: Our energy for a sustainable life.

Westfalen Group

The Westfalen Group is an expert in gases, heating and cooling and sustainable mobility. For 100 years, the family-owned company has been ensuring the safe use of gaseous and liquid hazardous substances for its customers. With its products and services, Westfalen supports customers on their way to sustainable progress. The company has more than 20 production sites and numerous subsidiaries and associated companies in Europe and is headquartered in Münster. Its business segments are Industrial Gases & Services, Energy Solutions and Mobility. With around 1,800 employees, the Westfalen Group generated sales of approximately 1.9 billion euros in the 2021 financial year.

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