

PRESS RELEASE

H₂ MOBILITY's second call for bids – more winners announced

- Brunsbüttel, Oldenburg and Siegen follow in Bad Homburg's footsteps
- 201 letters of intent to purchase a fuel-cell vehicle
- Plans are underway, actual sites will be announced shortly on H2.LIVE

Berlin, 19 March 2018 – A total of three more locations have been chosen for hydrogen gas stations, one each in the federal states of Schleswig-Holstein, Lower Saxony and North Rhine-Westphalia. For the operating consortium, H₂ MOBILITY, these three sites constitute an addition to its regular targets for network growth. However, the 201 letters of intent (LOI) to purchase fuel-cell vehicles submitted by the cities of Brunsbüttel, Oldenburg and Siegen are not the only factor driving this investment – these new sites also owe their existence to the winning cities' innovative mobility solutions and holistic concepts for hydrogen production.

'Evidently there are a lot of people in the winning regions who are interested in clean hydrogen-powered vehicles that can travel distances of 500-800 km on a single tank before refilling in three minutes. And these people are willing to invest in this new technology. The second bidding process clearly shows how important it is to avoid sticking rigidly to a network blueprint and to deliberately seek out regions where this technology is in demand. We are looking forward to all these new hydrogen customers,' says Lorenz Jung, the man in charge of the bidding process and gas station growth at H₂ MOBILITY.

With its second call for bids in summer 2017, H₂ MOBILITY Deutschland GmbH & Co. KG again challenged regions to compete for a hydrogen refilling station. The first winner – Bad Homburg – was announced in February. To be able to compete, bidders had to submit at least 15 letters of intent (LOI) to purchase a hydrogen-fuel vehicle. In response, some 13 regions submitted more than 400 LOI from companies and private individuals. H₂ MOBILITY is now set to install a total of five stations that were identified in the second round of bidding. The fifth winner will be announced at the end of April.

In the weeks ahead, H₂ MOBILITY will be checking out some of the actual sites proposed in Brunsbüttel, Oldenburg and Siegen. As soon as it is clear which locations have been chosen, H₂ MOBILITY will publish the address on its H2.LIVE app.

The three hydrogen gas stations in Brunsbüttel, Oldenburg and Siegen are supported financially by Germany's Federal Ministry of Transport and Digital Infrastructure (BMVI) as part of the National Innovation Programme for Hydrogen and Fuel Cell Technology (NIP).

The three regions won over the jury with the following concepts:

Brunsbüttel, Schleswig-Holstein

Ever since the construction of GROWIAN (which stands for Large Wind Turbine) in the municipality of Kaiser-Wilhelm-Koog some 30 years ago, this region has come to be regarded as Germany's 'cradle of wind energy'. Under the management of Wind to Gas Energy (W2G), wind farm operators, haulage and taxi companies as well as a brewery, craft enterprises, mineral oil traders and the foundation 'Stiftung Mensch' now all rely on hydrogen for storing surplus wind power. Backed by 'Smart Energy Showcases – Digital Agenda for the Energy Transition (SINTEG)' – a funding programme operated by Germany's Federal Ministry of Economic Affairs and Energy (BMWi) – W2G is building a multi-megawatt hybrid storage unit replete with a battery and electrolysis-generated hydrogen. And, right from the outset, some 144 LOI signatories and hydrogen vehicle pioneers have affirmed they would use a refilling station located in the direct vicinity.

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Oldenburg in Lower Saxony:

Directly on the Northern Germany-Netherlands transport axis on the very busy holiday route from Germany's Ruhrgebiet to the country's coast, a consortium consisting of petrol station operators, planning offices, plant engineering companies, car dealerships, tax companies, the engineering office PLANET, the energy cluster OLEC, the city of Oldenburg, EWE GASSPEICHER GmbH and the DLR Institute for Networked Energy Systems, is committed to driving forward hydrogen-powered mobility by corralling various projects related to this energy carrier. In addition to production from renewable energy and on-site storage, the consortium aims to research the issue of long-term energy storage. Furthermore, an airport shuttle service and fuel-cell taxis are intended to give people an opportunity to experience hydrogen mobility first hand. This application was backed by 23 LOI to purchase fuel-cell vehicles. By the time the refilling station opens, at least three vehicles will be on the road, with more to follow shortly afterwards.

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Siegen, North Rhine-Westphalia

The 'H2 Siegerland' initiative, which brings together the university, city, district and various business associations, likes to plan holistically. The model project 'emobility hoch 3' (emobility³) is dedicated to systems integration, specifically to technology, infrastructure and services in the electric mobility sector. The industrial zone Oberes Leimbachtal is currently in the process of setting up a mobility centre that is unique to the region's southwest. With its wide range of applications and sharing services, this centre is also set to be a boon for the region's training and job market. Favourably located at the intersection of the three federal states of NRW, Hesse and Rhineland-Palatinate and along the central A45 motorway axis,

this H₂ gas station offers considerable long-distance driving potential that will help foster the electrification of regional SME commercial fleets. Also in the longer term, this location can be used to refill new fuel-cell buses operated by the public transport system. Siegen's point of departure: 34 LOI for hydrogen vehicles.

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Hydrogen fuel – clean transport

Vehicle handling, speed and range are all the same but with virtually no noise or tailpipe emissions. Hydrogen vehicles can cover a distance of around 500 km and refuel at conventional stations in just 3 minutes. Most hydrogen stations are integrated into existing petrol station forecourts. Their compact space-saving design mainly consists of standardised components.

About H₂ MOBILITY

H₂ MOBILITY Deutschland GmbH & Co. KG is responsible for the nationwide rollout of a hydrogen infrastructure for fuel cell passenger cars in Germany (700 bar technology). Its first goal through to 2019 is to commission up to 100 stations in seven major urban areas across Germany (Hamburg, Berlin, Rhine-Ruhr, Frankfurt, Nuremberg, Stuttgart and Munich) and along trunk roads and motorways. As more hydrogen-powered vehicles take to the roads, up to 400 hydrogen service stations will be installed to secure nationwide fuel supply. H₂ MOBILITY sees to all operative tasks, including network planning, authorisation, procurement, installation and commissioning.

H₂ MOBILITY's shareholders are Air Liquide, Daimler, Linde, OMV, Shell and TOTAL. Associated partners that work with H₂ MOBILITY in an advisory capacity include BMW, Honda, Hyundai, Toyota and Volkswagen as well as NOW GmbH (National Organisation for Hydrogen and Fuel Cell Technology)

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