

PRESS RELEASE

Muniwch, 22. December 2020

Munich and hydrogen: A good fit!

Drivers of fuel cell electric vehicles have more and more filling stations to choose from: H2 MOBILITY Deutschland and its shareholders Shell and Linde have now put another hydrogen (H2) station into operation in Munich.

This is the fifth H2 station in Munich and the 18th in the state of Bavaria. There are now 89 hydrogen filling stations across Germany, 37 of them at Shell locations. Expansion of the network will continue in line with demand. The main focus will be on the Rhine/Ruhr and Rhine/Main metropolitan regions, Hamburg, Berlin, Munich, Nuremberg, Stuttgart and the major connecting roads.

The Shell hydrogen refuelling station is conveniently located northwest of Munich city centre at Wilhelm-Hale-Strasse 55, between Hirschgarten and Münchner Ring.

Hydrogen is used to power fuel cell electric vehicles (FCEV). The advantages are: no noise, no pollutants, but the same use, speed and range as cars with gasoline or diesel engines. FCEVs have ranges of between 500 and 700 kilometres and refuel in just three to five minutes. Hydrogen provides an option for expanding the fuel supply in the transport sector in a climate-friendly way, because using hydrogen, especially if it is produced with renewable energy, can significantly reduce climate-damaging CO₂ emissions.

The company responsible for its construction and operation is H2 MOBILITY Deutschland GmbH & Co. KG, a formative force in driving the expansion of Germany's hydrogen infrastructure. Preferred locations are filling stations of its shareholders, which include Shell. The filling station technology is supplied by the gases and technology company Linde, and uses the IC 90, an ionic compressor that compresses gaseous hydrogen in five stages to up to 900 bar. The new, state-of-the-art facility offers intuitive handling for drivers; refuelling is similar to that of conventional vehicles.

For the construction of the hydrogen station in Munich, H2 MOBILITY received funding of approx. 950,000€ from the National Innovation Program for Hydrogen and Fuel Cell Technology (NIP) administered by the Federal Ministry of Transport and Digital Infrastructure (BMVI).

About H2 MOBILITY

H2 MOBILITY Deutschland GmbH & Co. KG is responsible for establishing a nationwide hydrogen infrastructure in Germany. The first target is to operate 100 hydrogen stations in seven German metropolitan areas (Hamburg, Berlin, Rhine-Ruhr, Frankfurt, Nuremberg, Stuttgart and Munich) as well as along connecting motorways and highways. At all stations, cars and light commercial vehicles (vans) can refuel with up to 5 kg (in some cases up to 8 kg) of hydrogen at 700 bar.

From 2021 on, more stations will be built wherever there is a demand for commercial vehicles and a public filling station makes sense for a growing network of filling stations for cars. H2 MOBILITY handles all the tasks – planning, construction, operation and marketing – that are necessary for successfully expanding and operating the network.

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

For more information: h2.live

PRESS ENQUIRIES

Shell Deutschland Oil GmbH

Axel Pommeränke, +49 40 63245290, axel.pommeraenke@shell.com

Linde AG

Thomas Schaefer, +49 89 7446-2464, thomas.kurt.schaefer@linde.com

H2 MOBILITY Deutschland GmbH & Co. KG

Sybille Riepe, +49 170 5870317, riepe@h2-mobility.de