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H2 MOBILITY

We are building the filling station network of the future.

On a purely rational level, our job is this: we, H2 MOBILITY Deutschland GmbH & Co KG, are responsible for establishing a nationwide hydrogen infrastructure in Germany. In fact, however, we are building a mobile future of rapid refueling, long ranges, clean and quiet mobility. This is truly one-of-a-kind: there is no comparable entrepreneurial initiative anywhere in the world that sees the introduction of a zero-emissions fuel as a national duty and works towards it in this spirit.

Our first interim goal is to operate 100 hydrogen stations in seven German metropolitan areas (Hamburg, Berlin, Rhine-Ruhr, Frankfurt, Nuremberg, Stuttgart and Munich), and along the connecting arterial roads and motorways. At all stations, cars and light commercial vehicles (vans) can refuel with 700 bar and a requirement of 5 kg (in some cases up to 8 kg) of hydrogen. At six selected locations we also offer 350 bar refuelling for buses. Starting in 2021, additional stations will be built where there is demand for commercial vehicles *and* where a public filling station makes sense for a growing network of filling stations for cars.

The hydrogen stations are preferably integrated into existing filling stations. Their design is compact and relies mainly on standard components for the fuel pumps, the hydrogen storage, and the compression. At all stations hydrogen cars can refuel with 700 bar and additionally at six filling stations light and medium commercial vehicles (e.g. buses) with 350 bar. Further expansion will take place primarily where there is a short-term need for commercial vehicles and at the same time the hydrogen filling station network for passenger cars can be usefully supplemented. This task requires experience, time and considerable investment – which is why Air Liquide, Daimler, Linde, OMV, Shell and TOTAL jointly formed H2 MOBILITY. The company is advised and supported by the associated partners BMW, Honda, Hyundai, Toyota and Volkswagen, as well as Germany's National Organisation for Hydrogen and Fuel Cell Technology (NOW GmbH).

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Read more in our [brochure](#).

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