

## PRESS RELEASE

### HYDROGEN FILL-UPS NOW AVAILABLE IN HERTEN

Herten, 14 June 2019 | **Drivers of fuel-cell powered electric cars can now refuel at a hydrogen (H<sub>2</sub>) station in Herten: H<sub>2</sub> MOBILITY Deutschland and its shareholder Linde today opened the Herten H<sub>2</sub> station with Cay Süberkrüb, District Administrator of Recklinghausen District, and Fred Toplak, Mayor of the City of Herten, in attendance. It is the fifth in the Ruhr region, and further increases the density of Germany's network of hydrogen filling stations.**

Located directly at the h2herten user centre at the Marie-Curie-Str./Albert-Einstein Allee crossing, the site is close to the A2 and the Recklinghausen junction, and therefore also near the A43. A total of 15 hydrogen filling stations are already up and running in NRW, including in Wuppertal, Düsseldorf, Essen and Münster. During the "NRW Hydrogen Week" from 23 June to 28 June, additional stations in Aachen, Siegen and Duisburg will celebrate their opening ceremonies as well.

The owner/developer of the Herten H<sub>2</sub> station is H<sub>2</sub> MOBILITY Deutschland, a joint venture tasked with establishing the hydrogen infrastructure in Germany.

The station in Herten is state-of-the-art, and driver-side operation of the filling facilities is intuitive: the process is similar to refuelling conventional vehicles and takes three to five minutes. It uses Linde's IC90 ionic compressor, which compresses gaseous hydrogen to up to 900 bar in 5 steps.

### E-Mobility with hydrogen reduces CO<sub>2</sub> emissions

H<sub>2</sub> offers a chance to expand the range of fuels available in the transport sector in a climate-friendly way: the use of hydrogen produced with renewable energy can significantly reduce climate-damaging CO<sub>2</sub> emissions. Operating a hydrogen-powered fuel-cell vehicle causes no local pollutants or carbon dioxide (CO<sub>2</sub>) emissions. The range of these vehicles is between 500 and 700 kilometres on a full tank.

For hydrogen-powered electromobility to become a success story, an attractive range of fuel-cell vehicles and a nationwide infrastructure are needed. The expansion of the corresponding service-station network is progressing well. There are currently 70 H<sub>2</sub> filling stations in Germany; by the end of the year, there will be 100 stations nationwide. In Shell's filling-station network alone, there are already 25 hydrogen facilities, 6 of them in NRW.

The hydrogen station in Herten is funded by the European Commission through the Fuel Cells and Hydrogen 2 Joint Undertaking (FCH 2 JU) as part of the Hydrogen Mobility Europe (H2ME) project.

## COMMENTS ON THE OPENING OF THE HERTEN H<sub>2</sub> STATION:

### **Nikolas Iwan, Managing Director H<sub>2</sub> MOBILITY Deutschland GmbH:**

“H<sub>2</sub> MOBILITY continues the expansion of the hydrogen filling-station network in Germany: this year we are opening a station every two weeks on average; by the end of the year, hydrogen customers will be able to refuel at around 100 stations in Germany. The technology is ready for the market. We are looking forward to more and more customers who want to enjoy zero-emissions driving with the usual ranges and fuelling times.”

### **Dr Christian Bruch, Member of the Executive Board of Linde AG:**

“Hydrogen technology plays a decisive role in the spread of electromobility. High ranges, short refuelling times, and good on-site storage capacities are crucial criteria. Linde technologies are used at all key points in the H<sub>2</sub> value chain and ensure high efficiency.”

### **Fred Toplak, Mayor, City of Herten**

“I’m delighted that with the opening of this filling station, another building block in the project to establish Herten as a competence centre for hydrogen has been completed. My special thanks go to our local partners, the ‘Abfallentsorgungsgesellschaft Ruhrgebiet’ waste management company, the ‘Autohaus Glück Auf’ car dealership, and Concord Blue for their long-term dedication to the project.”

### **About H<sub>2</sub> MOBILITY**

H<sub>2</sub> Mobility Deutschland GmbH & Co. KG is responsible for building a hydrogen infrastructure to supply cars with fuel-cell propulsion (700 bar technology) in Germany. The interim goal by the end of 2019 is to operate 100 H<sub>2</sub> stations in seven German metropolitan regions (Hamburg, Berlin, Rhine-Ruhr, Frankfurt, Nuremberg, Stuttgart and Munich) as well as along trunk roads and motorways. With the ramp-up of vehicle numbers, up to 400 hydrogen stations are to eventually ensure a nationwide supply. H<sub>2</sub> MOBILITY is responsible, for example, for network planning, permitting, procurement, construction, and operation.

The company’s shareholders are Air Liquide, Daimler, Linde, OMV, Shell and TOTAL, with BMW, Honda, Hyundai, Toyota and Volkswagen and NOW GmbH (National Organisation Hydrogen and Fuel Cell Technology) serving in an advisory capacity as associated partners.

More information: [h2.live](http://h2.live)

### **PRESS ENQUIRIES:**

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