

Joint Press Release

## NEW HYDROGEN FILLING STATION IN LIMBURG

- **Air Liquide announces completion of the first public hydrogen station in Limburg**
- **More than 800,000 EUR funding from the Federal Ministry of Transport and Digital Infrastructure (BMVI) within the framework of the National Innovation Program for Hydrogen and Fuel Cell Technology (NIP)**
- **Further important milestone in the construction of hydrogen infrastructure in Germany**

Berlin/Limburg an der Lahn, January 26, 2017 – Air Liquide, acting as part of the Clean Energy Partnership (CEP), has taken a major step forward in the expansion of the nationwide hydrogen (H<sub>2</sub>) infrastructure, and today completed the construction of a new public H<sub>2</sub> filling station in Limburg an der Lahn, in the German state of Hesse. The construction and operation of the Air Liquide station on Brüsseler Strasse is being supported by the Federal Ministry of Transport and Digital Infrastructure with more than 800,000 EUR. The H<sub>2</sub> station is currently undergoing final internal testing, and will start up regular operations in about six weeks.

With sites in Frankfurt-Höchst, Offenbach am Main and Limburg, Hesse now has three public filling stations for hydrogen. The new station in Limburg, close to the A3 motorway, closes the busy corridor between the Rhine-Ruhr and Rhine-Main metropolitan regions. By 2018/19, about 100 hydrogen filling stations are to be built in Germany, to complement the market introduction of fuel-cell vehicles. Air Liquide will be inaugurating further H<sub>2</sub> filling stations in Baden-Württemberg, Lower Saxony, North Rhine-Westphalia and Rhineland-Palatinate in the months ahead.

The new Air Liquide filling station in Limburg has a daily capacity of 200 kg of hydrogen and can fuel as many as 40 fuel-cell vehicles per day. The refuelling process takes only three to five minutes, and the average range of the filled vehicles is 500 km.

Thorsten Herbert from Germany's National Organisation for Hydrogen and Fuel Cell Technology says: "The cooperation between industry and politics under the NIP has made it possible to set up and test a nationwide hydrogen infrastructure. More than 25 hydrogen filling stations are already completed as of today. This means that we have achieved significant growth within the past year."

The existing filling stations already ensure supply in the metropolitan regions of Berlin, Hamburg, Rhine / Ruhr, Stuttgart and Munich: more than 6 million people are already reached with the service stations currently in operation.

The Limburg site is part of the expansion plan launched in 2012, which will expand the German H<sub>2</sub> network to a total of 50 locations, and is sponsored by the federal government through the NIP.

Dr Justus Brans, Head of Energy Policy, Renewable Energies & Energy Technologies at the Hessian Ministry of Economics, Energy, Transport, Urban and Regional Development, says: "Electromobility is a key building block for the energy sector, especially in connection with sectoral integration. Different technological strategies will have to develop and prove themselves in the market. Hydrogen and fuel cell technology can play an important role in connection with the storage issue. So it is important for Hesse as a state that prides itself on its technology sector to have these technologies tested here in Hesse, which is why the Hessian state government is already supporting some projects of this kind in the mobility sector."

Dr Marius Hahn, Mayor of the city of Limburg, added: "Policymakers are often accused of only reacting instead of taking the initiative at an early stage. We are therefore very pleased that the opening of Air Liquide's hydrogen station in Limburg marks the local premiere of a technology that is forward-looking in every way, and that underscores our commitment to forward-looking thought and action."

Antoine Mazas, Managing Director of Air Liquide Advanced Technologies GmbH: "The transport sector is responsible for a large share of carbon dioxide and particles emissions. Reducing vehicles' carbon footprint is a necessity to make our cities a better place to live in. Hydrogen is a key enabler for the transition to a low carbon society. The Clean Energy Partnership is an example of successful collaboration between industrial players and public authorities which enables the large-scale deployment of Hydrogen Energy in Germany. Air Liquide offers its expertise and technologies in support of this nationwide energy transition."

### **About Air Liquide**

Air Liquide is the global market leader in gases, technologies and services for industry and health. With approximately 68,000 employees in 80 countries, Air Liquide supplies more than 3 million customers and patients. In the hydrogen sector, Air Liquide is a pioneer with decades of experience. The Group's activities covers the entire hydrogen energy chain - from production, storage and distribution to a wide variety of applications. In the area of hydrogen infrastructure, Air Liquide is represented worldwide with more than 75 H<sub>2</sub> filling stations and is continuously pushing ahead with the market penetration of environmentally friendly technologies.

[www.airliquide.com](http://www.airliquide.com)

### **About the CEP**

The Clean Energy Partnership – a merger of 20 leading companies – has set itself the task of establishing hydrogen as a "fuel of the future". With Air Liquide, BMW, Bohlen & Doyen, Daimler, EnBW, Ford, GM / Opel, H2 Mobility, Hamburger Hochbahn, Honda, Hyundai, Linde, OMV, Shell, Siemens, the Stuttgart roadways SSB, TOTAL, Toyota, Volkswagen and The Westfalen Group, technology, oil and energy companies, as well as the majority of the largest automotive manufacturers and leading public transport companies are participating in the pioneering project for the future. Since 2008, CEP has been supported by the National Innovation Program for Hydrogen and Fuel Cell Technology (NIP). [www.cleanenergypartnership.de](http://www.cleanenergypartnership.de)

### **About the NOW**

The NOW GmbH National Organisation for Hydrogen and Fuel Cell Technology was founded in 2008 by the Federal Government, represented by the Federal Ministry of Transport and Digital Infrastructure. It coordinates two federal funding programs - the National Innovation Program for Hydrogen and Fuel Cell Technology (NIP), as well as the Electromagnetic Compatibility Directive of the BMVI. Both programs serve to prepare the market in order to make mobility and energy supply efficient and low-emission in the future. In addition, NOW supports the Federal Ministry of Transport and Digital Infrastructure with regard to the implementation of infrastructure for electromobility and the further development of the overall mobility and fuel strategy.

[www.now-gmbh.de](http://www.now-gmbh.de)

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**Note: Exactly when the hydrogen station in Limburg will be open for hydrogen refuelling can be found on the Clean Energy Partnership filling station availability system at: [www.h2station.info](http://www.h2station.info)**