

Press Release

Annual assessment of LBST and TÜV SÜD

25 February 2016

54 new hydrogen refuelling stations worldwide in 2015

Munich. 54 new hydrogen refuelling stations have opened throughout the world in 2015. As of January 2016, the total number of hydrogen refuelling stations in operation is 214. This is the result of the eighth annual assessment by H2stations.org, a website of Ludwig-Bölkow-Systemtechnik (LBST) and TÜV SÜD. Several countries are pursuing concrete plans to develop an increasingly dense hydrogen refuelling infrastructure. In 2015, significant progress has been made.



48 of the 54 stations opened in 2015 are publicly accessible. The others are dedicated to refuelling of buses or reserved for fleet customers. All of the 7 new stations in North America provide for public access. 6 are located in California and one in Colorado. Top of the list is Japan with 28 new public stations. In Europe, 19 stations have been

opened, thereof 4 in Germany, increasing the number of hydrogen refuelling stations in Germany to 34, 21 of which are publicly accessible. Based on information available to LBST, a total of 95 hydrogen refuelling stations are currently operating in Europe, 50 in North America, one in South America, one in Australia, and 67 in Asia. There are 121 stations worldwide with public access.

Sites for a further 104 stations have already been announced (35 in the USA, 5 in Japan, and 64 in Europe, 34 of which are in Germany) with more to follow. Within Europe, Germany has the largest number of hydrogen refuelling stations (34), followed by Great Britain (14), Denmark and France (9 each), and Norway (6). Whereas



the French stations are dedicated to selected fleet customers, most stations in the other countries are accessible to the public.

Interactive maps and individual analyses

The website H2stations.org (www.H2stations.org) uses interactive maps to globally list all hydrogen refuelling stations in operation, planned, or already shut down including a summary on recent changes. With its information on already closed stations, H2stations.org is unique in also providing a view on the development history of the hydrogen infrastructure.

The website draws on a database which is continuously updated with new stations as well as with new information on already existing sites, all in all it currently comprising detailed information on about 644 refuelling stations. "In spite of the substantial efforts involved in collecting the data, we provide it on the website free of charge for non-commercial use", says LBST Managing Director Uwe Albrecht.

"Professional users are able to license the data including further detailed information, regular reports on new developments, and individual analyses." Quarterly updated figures on hydrogen refuelling stations in relevant countries, along with up to date news on markets and hydrogen technologies are available to subscribers on a quarterly basis as part of the LBST service "Market Cockpit Hydrogen".

Information and services for hydrogen and fuel cells

TÜV SÜD and LBST operate a joint hydrogen and fuel-cell portal [www.netinform.de /H2](http://www.netinform.de/H2) offering extensive information and services for professional users and interested members of the public. The portal comprises the websites www.H2stations.org and www.H2mobility.org, the latter offering an overview of all hydrogen vehicles going back as far as 1807, extensive specialist information, and a guide through standards and regulations.

Ludwig-Bölkow-Systemtechnik GmbH (LBST) is an international expert consultant for sustainable energy and mobility. With its expertise bridging technologies, markets, and policy the company supports international clients from industry, finance, politics, and non-governmental organisations in strategy, feasibility, and market assessments, several international blue-chip companies trusting in its reliable judgment. The cutting edge competence of LBST is based on over three decades of continuous experience, and on its interdisciplinary team of leading experts.

All static maps of hydrogen refuelling stations (World, Europa, Germany, North America, Asia) can be downloaded in high resolution from www.tuv-sud.com/pressphotos (search term "Hydrogen").

Further information about Ludwig-Bölkow-Systemtechnik and TÜV SÜD can be found on the Internet at www.lbst.de or www.tuev-sued.de/wasserstoff, respectively.

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The year 2016 marks the 150th anniversary of TÜV SÜD – a premium quality, safety, and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training, and knowledge services. Since 1866, the company has remained committed to its founding principle of protecting people, property and the environment from technology-related risks. Headquartered in Munich, Germany, TÜV SÜD is represented in more than 800 locations worldwide. TÜV SÜD operates globally with a team of more than 24,000 multi-disciplinary experts recognised as specialists in their respective fields. By combining impartial expertise with invaluable insights, the company adds tangible value to businesses, consumers and the environment. The aim of TÜV SÜD is to support customers with a comprehensive suite of services worldwide to increase efficiency, reduce costs and manage risk. Today, it continues to play a pivotal role as a future-oriented company shaping industry “next practice”. www.tuv-sud.com