

Press Release

Annual assessment of LBST and TÜV SÜD

26 March 2015

17 new hydrogen refuelling stations worldwide in 2014

Munich. Seventeen new hydrogen refuelling stations have opened throughout the world in 2014. As of March 2015, the total number of hydrogen refuelling stations in operation is 184. This is the result of the seventh annual assessment by H2stations.org, a website of Ludwig-Bölkow-Systemtechnik (LBST) and TÜV SÜD. Several countries are planning a targeted development of their hydrogen refuelling infrastructure. As a result, the number of publicly accessible stations will increase further.



In North America two hydrogen stations were inaugurated in 2014, three in Asia, and 12 in Europe, thereof three in Germany, increasing the number of hydrogen refuelling stations in Germany to 29. Based on information available to LBST, a total of 82 hydrogen refuelling stations are currently operated in Europe, 63 in North America, one in South America, and 38 in Asia. Worldwide, 74 stations worldwide have public access, 17 in Germany.

Some older stations, operated within the framework of specific projects which came to an end, have been put out of service last year. In addition to Germany, California and Japan have announced ambitious programmes for extending their hydrogen refuelling infrastructure. As part of this, some of the currently closed stations will be re-opened with up-graded technology, leading to an increased number of 129 planned stations with already determined locations (55 in North America, two in South America, one in Australia, 18 in Asia, and 53 in Europe, 34 of which are in Germany).

About one third of the newly operational stations are supplied by “green” hydrogen, i.e. by hydrogen dedicatedly produced from renewable energy, reflecting that hydrogen production is expected to become an integral element of the energy transition in the future..

The website H2stations.org (www.H2stations.org) uses interactive maps to globally list all hydrogen refuelling stations in operation, planned, or already shut down, also giving an overview on current

changes. By also providing information on already closed stations H2stations.org is unique in also showing the development history of the hydrogen infrastructure.

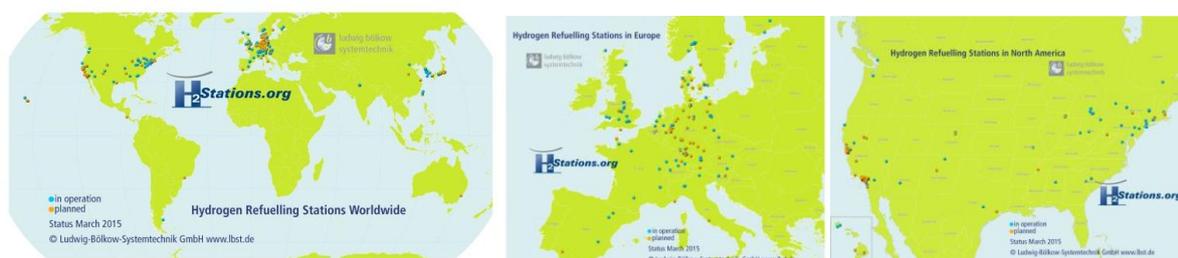
The database is continuously updated with new stations as well as with new information on already existing sites, all in all it currently comprising detailed information on about 600 refuelling stations. "Data collection is a lot of work, even if we can base it on our long experience and our extensive network with stakeholders in the hydrogen economy. Nevertheless, we provide the data on the website free of charge for non-commercial use", says LBST Managing Director Uwe Albrecht. "For professional use we license the data including further detailed information and provide our customers with regular reports on new developments as well as with individual analyses."

Information and services for hydrogen and fuel cells

TÜV SÜD and LBST operate a joint hydrogen and fuel-cell portal www.netinform.de/H2 where they offer 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, 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.

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.



Note for editorial staff: The static maps of hydrogen refuelling stations can be downloaded from www.tuev-sued.de/pressefotos (search term "Hydrogen").

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