

Press Release

Annual assessment of LBST and TÜV SÜD

23 February 2012

Twelve New Hydrogen Refuelling Stations in 2011 Worldwide

Munich. Twelve new hydrogen refuelling stations opened throughout the world in 2011, bringing the total number of hydrogen refuelling stations in operation to 215. This is the result of the fourth annual assessment by H2stations.org, a website of Ludwig-Bölkow-Systemtechnik (LBST) and TÜV SÜD. Another 122 refuelling stations are in the planning stage around the world.



Three new refuelling stations were opened in Germany last year, two of which were in the South West. Given this, the German network of hydrogen stations outside the focal regions of Hamburg, Berlin and the Ruhr area is taking shape. However, refuelling stations are still lacking, in particular along the direct line between Berlin and Munich. The opening of a refuelling station in Bolzano Italy expected this year, further pushes forward expansion to the South. The new stations opened in 2011 in Switzerland and Milan Italy will complete the corridor in the South West.

29 hydrogen refuelling stations were in operation in Germany in 2011, and definite plans have been made for a further 12. The locations of another 20 refuelling stations which are to be built by 2014 have not yet been decided. Overall, nine refuelling stations were opened in Europe last year. The first hydrogen refuelling station in Finland was opened in January 2012. Plans for a second one have already been made. In North America two new hydrogen refuelling stations were commissioned. However, at the same time, some existing hydrogen refuelling stations were closed – albeit a far smaller number than expected, as the operation of these stations is frequently continued even beyond the publicly funded project terms.





Thus, in accordance with the information available to Ludwig-Bölkow-Systemtechnik 85 hydrogen refuelling stations are currently operated in Europe, 80 in the USA and 47 in Asia Pacific. Another three hydrogen refuelling stations are located in Latin America, where a further 25 fuel-cell buses are to be added to the existing fleet in Sao Paulo.

The H2stations.org (www.H2stations.org) site leads users to interactive maps of all hydrogen refuelling stations that are in operation or the planning stage or have been shut down worldwide. The database always includes the latest detailed information about 437 hydrogen refuelling stations throughout the world. Another 19 refuelling stations were added to the database in 2011 and new information was added on 145 refuelling stations. "Non-commercial use of the database is free", explains the LBST Managing Director Dr Uwe Albrecht. "We also offer more extensive in-depth data and targeted data analysis for our commercial clients."

The hydrogen and fuel-cell portal (www.netinform.de/H2) of TÜV SÜD and LBST offers extensive information and services for professional users and interested members of the public. The portal comprises the www.H2stations.org and www.H2mobility.org websites and offers 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) specializes in energy and environmental consultancy. The renowned experts support their international clients from industry, the financial sector, politics and professional associations in all issues arising within the context of technology, strategy and sustainability. LBST's comprehensive expertise is based on two decades of continuous experience by its interdisciplinary team. The international service group TÜV SÜD has held a minority interest in Ludwig-Bölkow-Systemtechnik since 2006. The common goal of the two companies is the safe and cost-effective application of renewable energy carriers.

Further information about Ludwig-Bölkow-Systemtechnik and TÜV SÜD can be found on the Internet at www.lbst.de and 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").



Media Relations:

Dr Thomas Oberst
 TÜV SÜD AG
 Corporate Communications
 Westendstraße 199, 80686 Munich

Tel. +49 (0) 89 / 57 91 – 23 72
 Fax +49 (0) 89 / 57 91 – 22 69
 E-mail thomas.oberst@tuev-sued.de
 Internet www.tuev-sued.de

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