

L'hydrogène, énergie d'une mobilité propre Hydrogen, clean energy for transportation



Air Liquide hydrogen energy activities

Air Liquide masters the entire hydrogen supply chain from production to fuel cell.

Hydrogen refuelling station

- From transportable to 150 kg/day
- From liquid hydrogen to dual pressure (350 and 700 bar) mobile cold filling station
- From Europe to Asia and Americas



On board hydrogen storages

- From 350 full packaged system to conformable shape liquid hydrogen tanks
- From laboratory use to world breaking speed records storage systems
- Light weight LH² on board storages
- Zero Boil off LH² on board storages



Recent major achievements

- Strong presence in the Hyfleet Cute project London, Luxembourg, Madrid (Repsol)
- Kawasaki JHFC station
- Since 2004 : Challenge Bibendum stations
- BP refuelling station in North Buena Vista road in Singapore
- Fully Air Liquide owned 700 bar gaseous hydrogen refuelling station in operation at DTA (Air Liquide Advanced Technologies – Sassenage France)
- 350 bar fast fill transportable filling station with capacity of 15 vehicles per day
- More than 50 on board LH² tanks built
- 14% weight density on board LH² storage with 3 days autonomy
- 100 l. conformable shape LH² storage with 1.5 W heat entry (see picture)

Contacts

Air Liquide Advanced Technologies
2 rue de clémencière
BP 15
38360 Sassenage France
Tél. + 33 4 76 43 62 11
Fax + 33 4 76 43 62 71
e-mail : gcom.dta@airliquide.com

www.airliquide.com