THE LINDE GROUP

Linde

The road to clean fuel

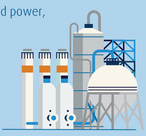
H_2 Hydrogen

Hydrogen (H_2) is the most commonly occurring element in nature. Unlike fossil fuels such as crude oil or natural gas, it will never run out. But it needs to be produced – today, mainly by primary energy sources including oil and gas, but increasingly through renewable energy for a sustainable future.

Linde believes H_2 will open up regenerative, sustainable mobility choices. H_2 fuel cell powered vehicles have a long-distance range and can be rapidly fuelled. Decades of research, development and testing by Linde and partners have shown that H_2 technology is not only workable, but can be an economically viable alternative to fossil fuel powered transportation.

Production plant

Linde is a partner at Energiepark Mainz,
the largest green H_2 production plant in the world,
using renewable sources, such as wind power, to create hydrogen



Linde has over 100 years of H_2 production experience
with last 25 years focused on H_2 as an emission free fuel

Distribution trucks

H_2 is stored & distributed as compressed gas or as a cryogenic liquid at
-253 degrees

Cars

H_2 fuel cell cars drive around
300 miles before needing to refuel

Water vapour from the tailpipe is so clean you could drink it

Fuelling stations

Linde has completed over
1 million H_2 fuellings
and has so far built 110 H_2 stations in 15 countries

Linde has developed compression technologies allowing H_2 powered cars to be fuelled in
around 3 minutes

Buses

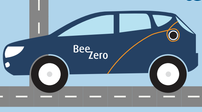
Linde provides H_2 and technology to UK's largest fuelling station in Aberdeen to power **Europe's largest H_2 bus fleet**

Forklift trucks

H_2 can power vehicles on an industrial scale
Linde **fuels 380 material handling vehicles** at BMW in South Carolina, USA

BeeZero H_2 carsharing

Linde Hydrogen Concepts operates the world's **first pure H_2 powered carsharing service BeeZero**



Linde Hydrogen.
From A to Zero.
find out more at www.linde-gas.com

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