Hydrogen (H₂) is the most commonly occurring element in nature, unlike fossil fuels such as coal or oil. It is renewable. Hydrogen is stored as a gas or liquid. Today, hydrogen is produced mainly by reforming hydrocarbons using fossil fuel or via electrolysis using renewable energy. Linde believes in a future that is greener, sustainable and profitable. Hydrogen, a fuel-powered future, has a broad energy range and can be easily integrated into current infrastructure. Energy in hydrogen is an economic, flexible alternative to fossil fuel-powered transportation.

Linde has over 100 years of hydrogen production experience with the last 25 years focused on hydrogen as an emission-free fuel.

Linde is a partner at Energiepark Mainz, the largest green H₂ production plant in the world, using renewable sources, such as wind power, to create hydrogen.

Linde Hydrogen Concepts operates the world’s first pure H₂ powered carsharing service BeeZero.

Linde provides H₂ and technology to the UK’s largest fuelling station in Aberdeen to power Europe’s largest H₂ bus fleet.

Linde has completed over 1,000,000 H₂ fuellings and has so far built 110 H₂ stations in 15 countries.

Buses
Linde provides H₂ and technology to the UK’s largest fuelling station in Aberdeen to power Europe’s largest H₂ bus fleet.

Forklift trucks
Linde fuels 380 material handling vehicles at BMW in South Carolina, USA.

Cars
H₂ fuel cell cars drive around 300 miles before needing to refuel.

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

Distribution trucks
H₂ is stored & distributed as compressed gas or as a cryogenic liquid at -253 degrees.

Production plant
Linde has over 100 years of H₂ production experience with the last 25 years focused on H₂ as an emission-free fuel.

Fueling stations
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Linde Hydrogen
From A to Zero.

Linde AG
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BeeZero H₂ carsharing
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