

Advancing hydrogen mobility

Technology leader with a strong focus on hydrogen (H_2) as an emission-free fuel, Linde provides one-stop solutions spanning the entire value chain from production and distribution through storage to processing and dispensing. Over the past 25 years, the company has successfully delivered more than 150 H_2 stations and several bus projects around the globe. Linde is the partner of choice for H_2 mobility.



Production plant

Linde is a partner at Energiepark Mainz,
the largest green H_2 production plant in the world
It uses wind power to create hydrogen

Linde has over 100 years of H_2 production experience and has been focusing on H_2 as an emission-free fuel for the last 25 years

Fuelling stations

Linde has built more than
150 H_2 stations
and has successfully completed over
1 million H_2 fuelings

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

Buses

Proven track record for
major bus projects
around the globe

Technology for your bus depot

Turnkey solution supplier (from H₂ supply to dispensing)



Performance-critical fuelling components

- Ionic compressor or cryo pump
- Cooling unit and high-pressure storage

Project-critical deliverables

- Global H₂ sources and on-site electrolysis
- Global service and maintenance team

Your benefits

- Zero emission (tank-to-wheel or well-to-wheel)
- High performance fuelling of small, medium or larger bus fleets (up to 100, 400 or 1000 kg/day)
- Reliability throughout the station lifecycle and attractive costs per one kg H₂ fuelled
- Highest safety standards
- Economical attractive projects



Contact us at hydrogenmobility@linde.com or +49 (0)89 7446-2464