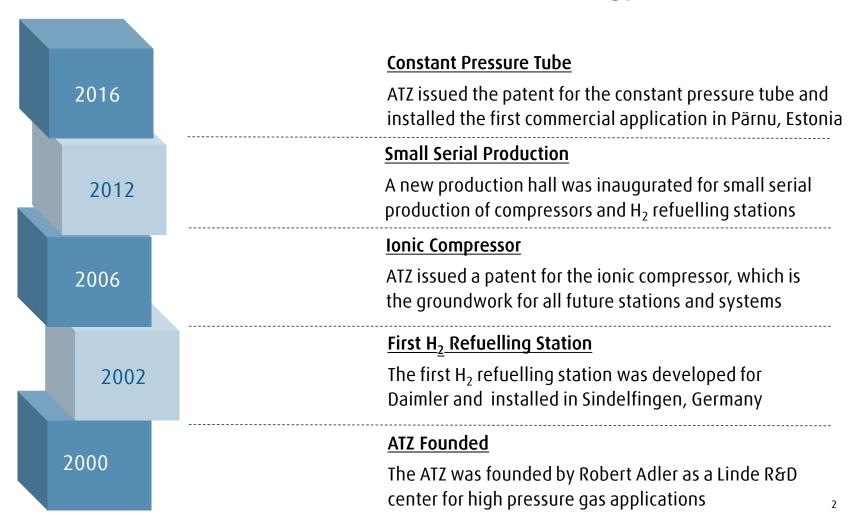


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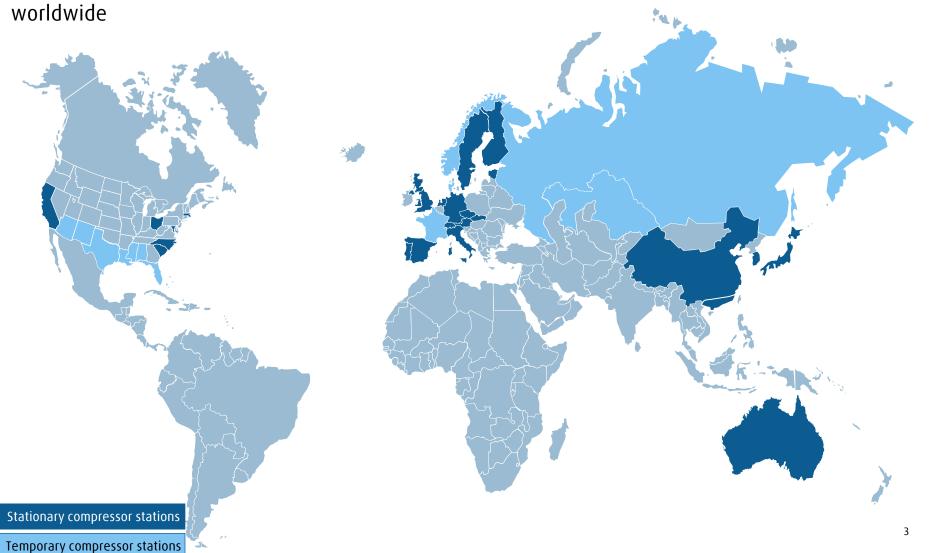
Advanced Technology Center



Linde - ATZProjects worldwide



More than **160 H2 compressor stations** and over 400 compressors for other gases like CNG, Ar or N2



Compressor Overview IC 90



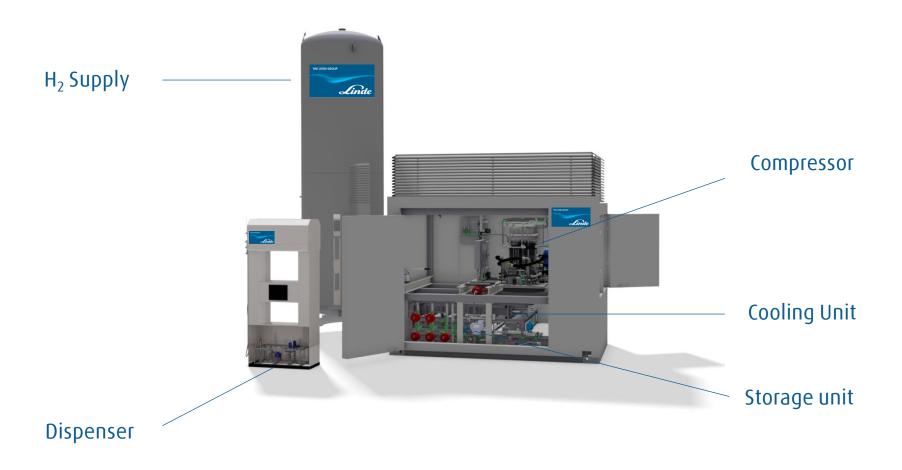


Ionic Compresser 90	
Туре	Ionic compression
Compressor stages	5 stage compression
Max. delivery rate	370Nm3/h ~ 33,6kg/h
Input Pressure	5 – 200 bara
Max. output	1.000 bar
Power consumption	75kW

The IC 90 is a highly efficient and powerfull compressor with a flexible design. It can handle changing inlet and outlet pressures while keeping energy consumption at a minimum.

Refuelling stationsFunctionality





Reference Projects: Bolzano, Italy







<u>IIT - Bus/ car H₂ Refuelling Station</u>

- Supply H₂ for bus fleet of city of Bolzano
- Inauguration 2014
- On-site production through 3
 electrolyzers that only need power
 and water
- 100% renewable since the power comes from nearby hydroelectric power stations
- Supplying a car fleet of H₂ cars of local companies

Reference Projects H₂ HRS in Hunzenschwil, Switzerland







COOP - Truck H₂ Refuelling Station

- First commercial H₂ refuelling station in Switzerland
- First Project with H₂ Trucks
- Inauguration November 2016
- Follow-up projects to make the whole COOP supply chain emission free
- Innovative ionic compression principle for fuelling
- Layed out for high volume use

Thank you



