

Air Liquide opens its 10th hydrogen station in Germany

Air Liquide has inaugurated a new hydrogen station in Frechen, near the city of Cologne, on an existing Mundorf Tank site.

The station was built as part of the SWARM project and partly funded by the European Fuel Cells and Hydrogen Joint Undertaking, a public-private partnership to support the development of hydrogen energy applications.

As a member of the Clean Energy Partnership (CEP) and founding partner of the joint venture H2 MOBILITY Deutschland, Air Liquide is one of the key players in building up a nationwide hydrogen infrastructure in Germany.

Frechen is the tenth hydrogen filling station that Air Liquide has invested in Germany since 2012. Six other stations nationwide have Air Liquide hydrogen technology.

Electromobility with hydrogen locally causes neither pollutants nor CO2 emissions. Compared to battery-powered cars, H2 vehicles generate their own electricity on board by reacting hydrogen with air in the fuel cell, generating the power needed to power the car, explain the companies involved.

“In particular, hydrogen has the potential to efficiently decarbonise the transport sector, one of the main sources of pollution in our cities. However, this requires a special infrastructure. Air Liquide is proud to be part of other major private and public key players in building the largest hydrogen infrastructure in Europe, thereby creating the conditions for the roll-out of fuel cell vehicles in Germany,” said Markus Schewitza, Managing Director Air Liquide Advanced Technologies GmbH.

Air Liquide has been a member of CEP since 2011. H2 MOBILITY will expand the existing H2 filling station network in Germany to up to 400 stations.