



H₂MOBILITY



**THE BERLIN-BASED
HYDROGEN REFUELLING
COMPANY**

Lorenz Jung / Benjamin Jödecke

March 2021

H₂MOBILITY



... creates and operates the backbone
of the hydrogen refuelling infrastructure

... provides services to others
allowing them to benefit from our learning curve.





No hydrogen stations, no hydrogen vehicles

- Vehicles cannot be sold due to lack of infrastructure and high costs.
- Filling stations are not built due to lack of vehicles



An infrastructure is not built overnight

- Hydrogen filling stations are expensive, complex and takes up to two years to build one
- It needs experts and a team to take on the mission and maintain a growing network

2015

2020

2025



H2 MOBILITY DEUTSCHLAND – CHANGING THE PARAMETERS WITH STRONG SHAREHOLDERS AND PARTNERS

H2MOBILITY

Shareholders



DAIMLER



Associated partners



HONDA



TOYOTA

VOLKSWAGEN
ARTIENGESELLSCHAFT



Funding

COHRS connecting hydrogen refuelling stations



Co-financed by the European Union
Connecting Europe Facility



Bundesministerium
für Verkehr und
digitale Infrastruktur



MISSION

H2MOBILITY

#FuellingProgress

- Country-wide installation and operation of public hydrogen refuelling stations (HRS)
- Core mandate: 700 bar for passenger and light duty vehicles
- In cooperation: 350 bar for larger duty vehicles (allocated and designed to customers needs)

DEVELOP

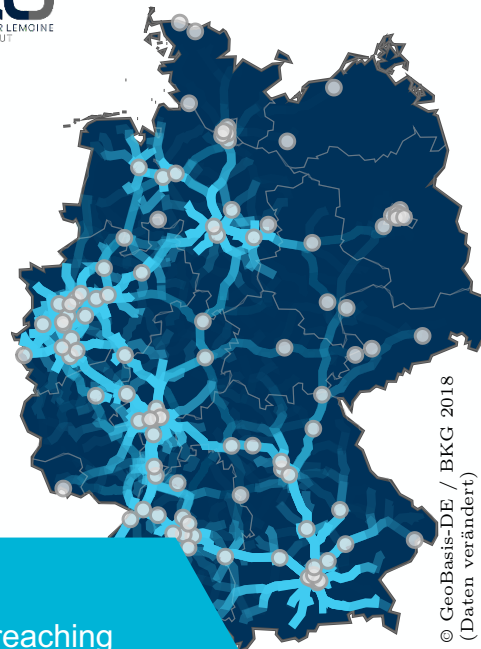
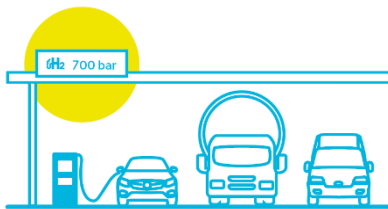
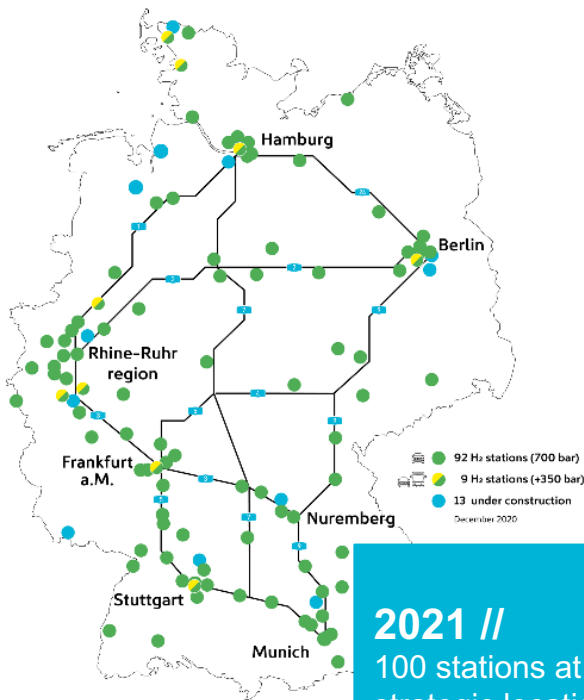
SELECT

BUILD

OPERATE



UP TO 2021: THE FIRST 100 STATIONS (700 BAR) MAINLY FOR PASSENGER VEHICLES ARE IN OPERATION



© GeoBasis-DE / BKG 2018
(Daten verändert)

Grüger (2018)

*modelling by Reiner Lemoine Institute, Berlin. Parameters: 90% of long distance trips, Station within 5 km from driver's home location, max. 5 km deviation to refuel accepted.

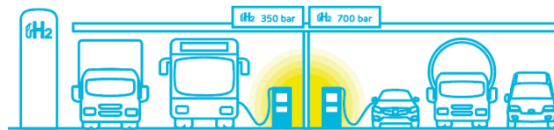
2021 //
100 stations at strategic locations

... with technical capacity for 40.000 cars ...

... reaching 6 Mio. drivers*



FROM 2021: FOCUS ON NETWORK COVERAGE FOLLOWED BY DEMAND FOCUS



Each of our stations in the future will offer dual pressure:
 350 bar // up to 40 kg
 700 bar // up to 8 kg



Unconditional roll-out

Basic network coverage mainly for fuel cell passenger vehicles in seven metropolitan areas and connecting routes



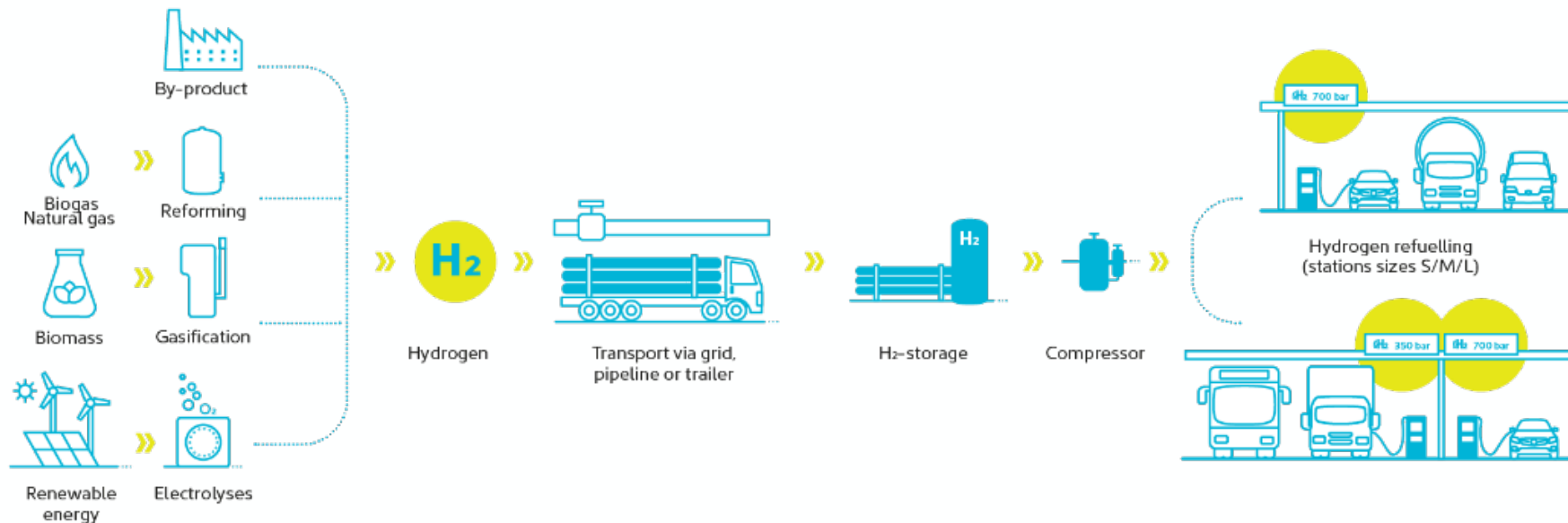
Regional growth

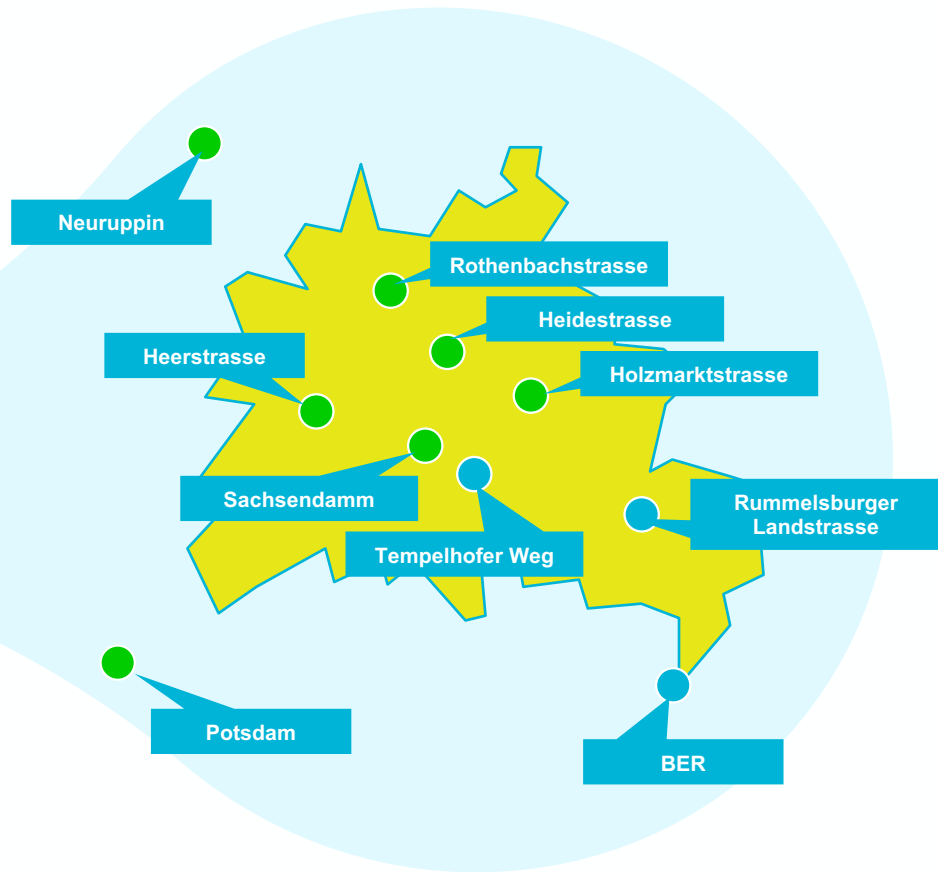
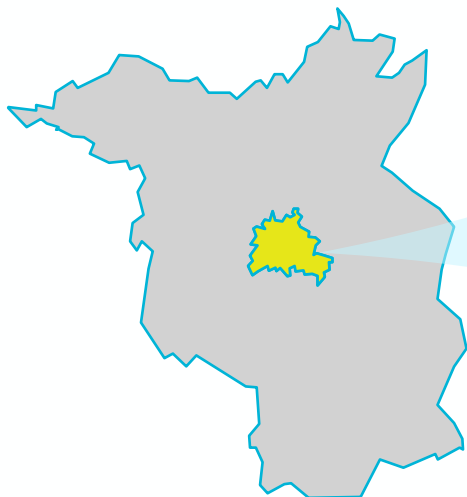
demand-oriented hydrogen network expansion for light, medium and heavy commercial vehicles on customer needs

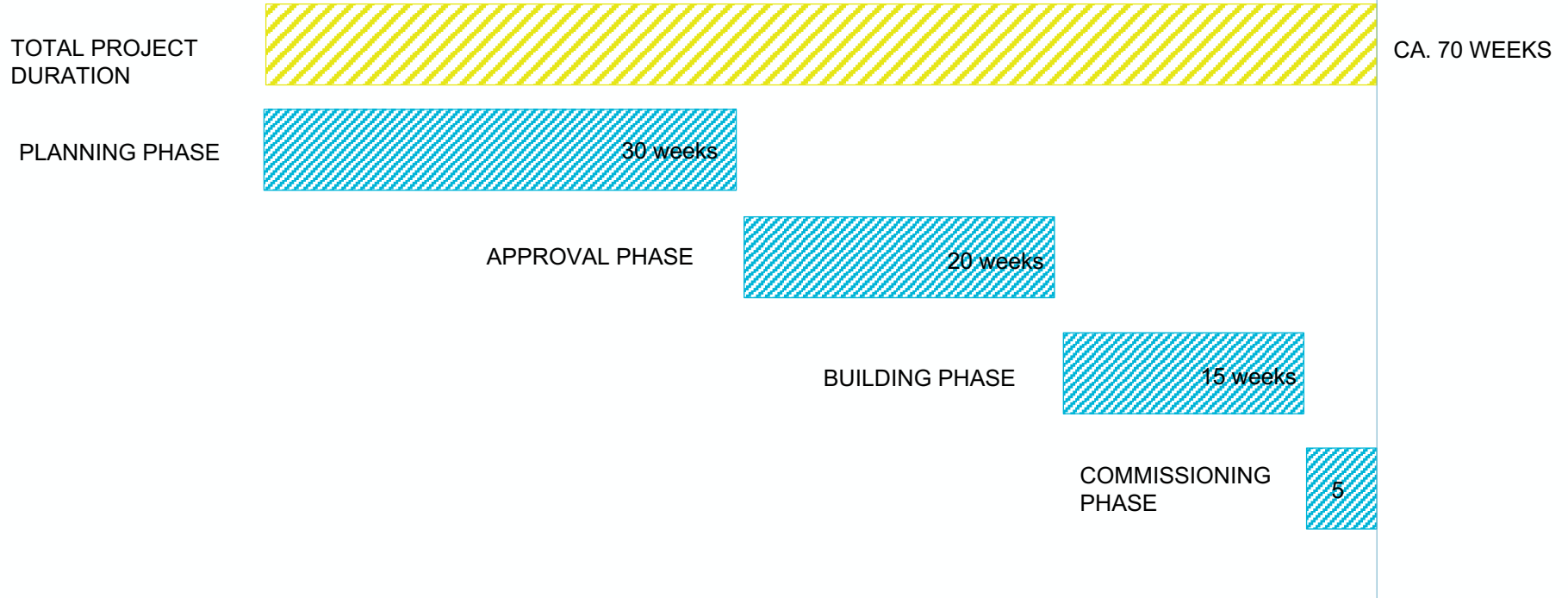
2015

2020

2025









H2MOBILITY



H2 MOBILITY

Deutschland GmbH & Co. KG
EUREF-Campus 10-11
10829 Berlin

info@h2-mobility.de
[h2-mobility.de](https://www.h2-mobility.de)

SHAREHOLDER

Air Liquide | Daimler | Linde | OMV | Shell | TOTAL

ASSOCIATED PARTNERS

BMW | Honda | Hyundai | Toyota | Volkswagen |
NOW Nationale Organisation Wasserstoff- und
Brennstoffzellentechnologie