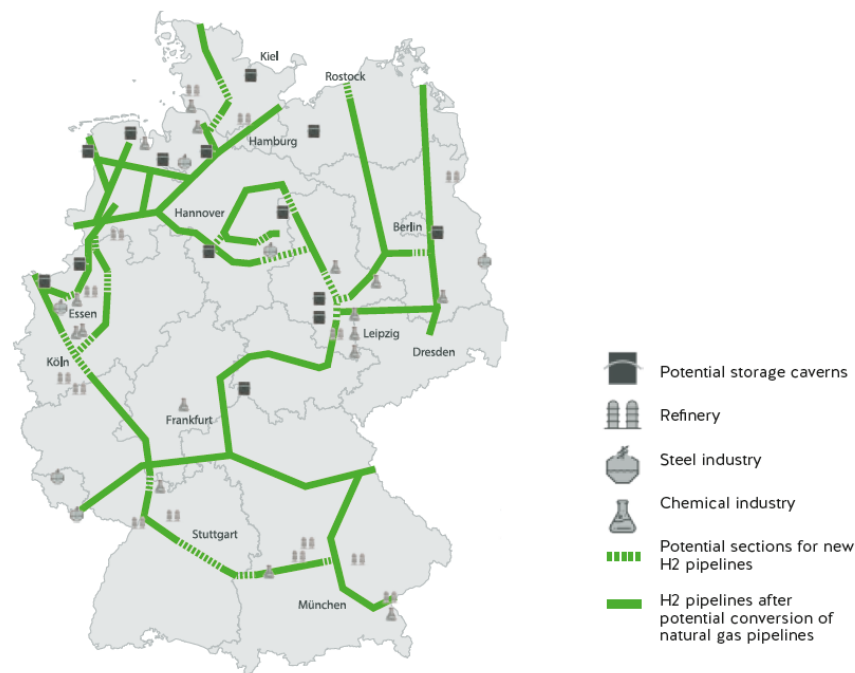


Pathways of decarbonization in the CEE region

Vision of a German hydrogen network

- Joint initiative of 11 German TSOs (FNB Gas)
- Approx. 5,900 km H2 grid (90% existing)
- Connection to steel works, refineries, large chemical sites, gas power plants
- Reaching 90% of the mobility applications
- Connection to generation (on shore, off shore)
- Connections for import/Connection to European neighbours



⇒ Concrete steps for realisation are described in the German Network Development Plan (2020 – 2030)

Vision of a future European legal and regulatory framework

- Legal framework for TSOs to transport hydrogen based on existing gas legislation
- In the initial phase focus on main regulatory principles
- Consideration of regional differences and pathways towards decarbonization
 - Support for cross-border research activities and pilot projects in the regions
 - Measures to balance different speeds in regions

⇒ **European internal market for hydrogen as a goal!**