

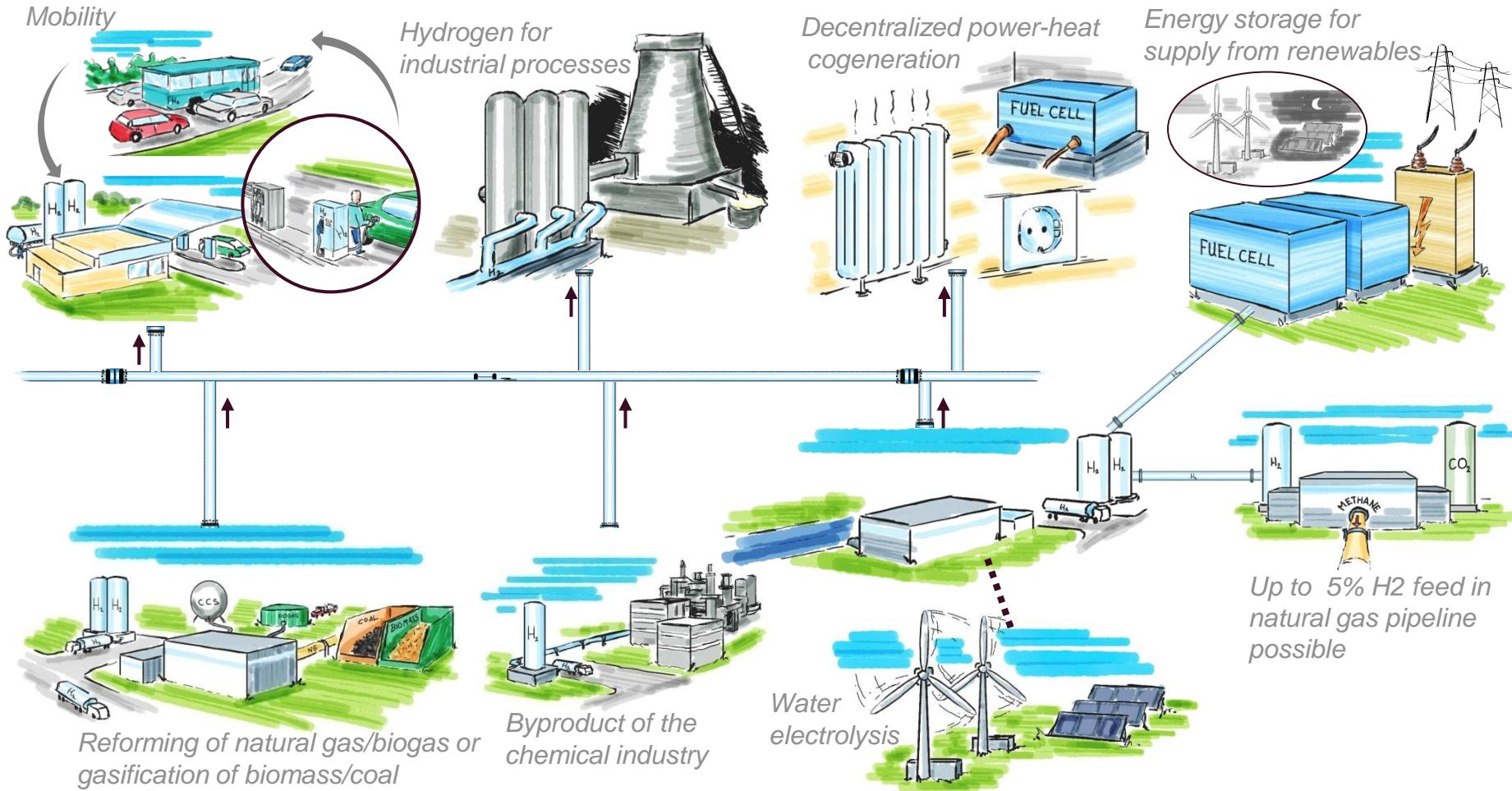
# Country update Germany

IPHE Steering Committee Meeting

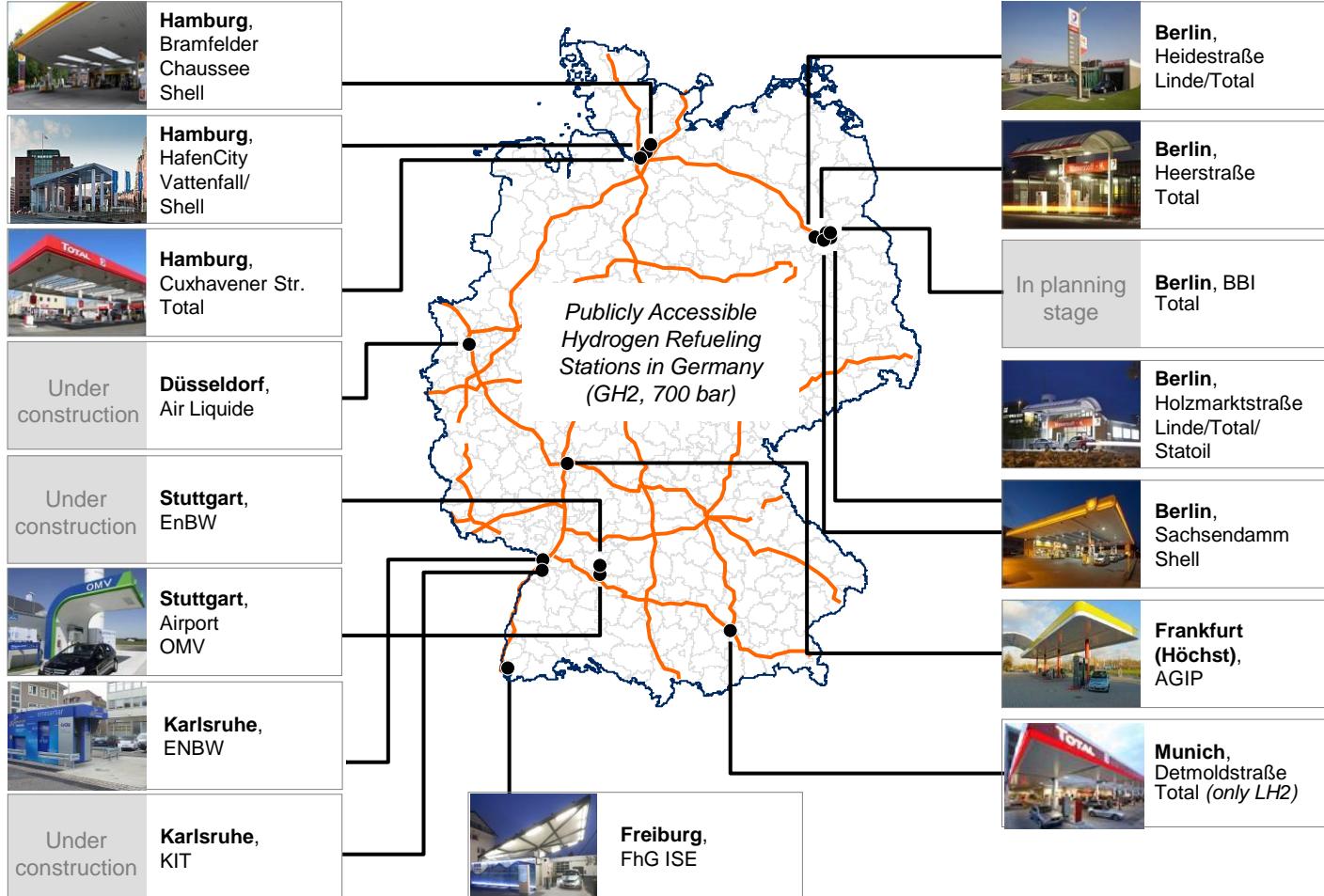
Cape Town, South Africa | May 3<sup>rd</sup>, 2012

Dr. Klaus Bonhoff | Managing Director (Chair), NOW GmbH

# Key role of hydrogen as an energy carrier to facilitate the energy transition in Germany



# Clean Energy Partnership – Hydrogen Refueling Stations (HRS)

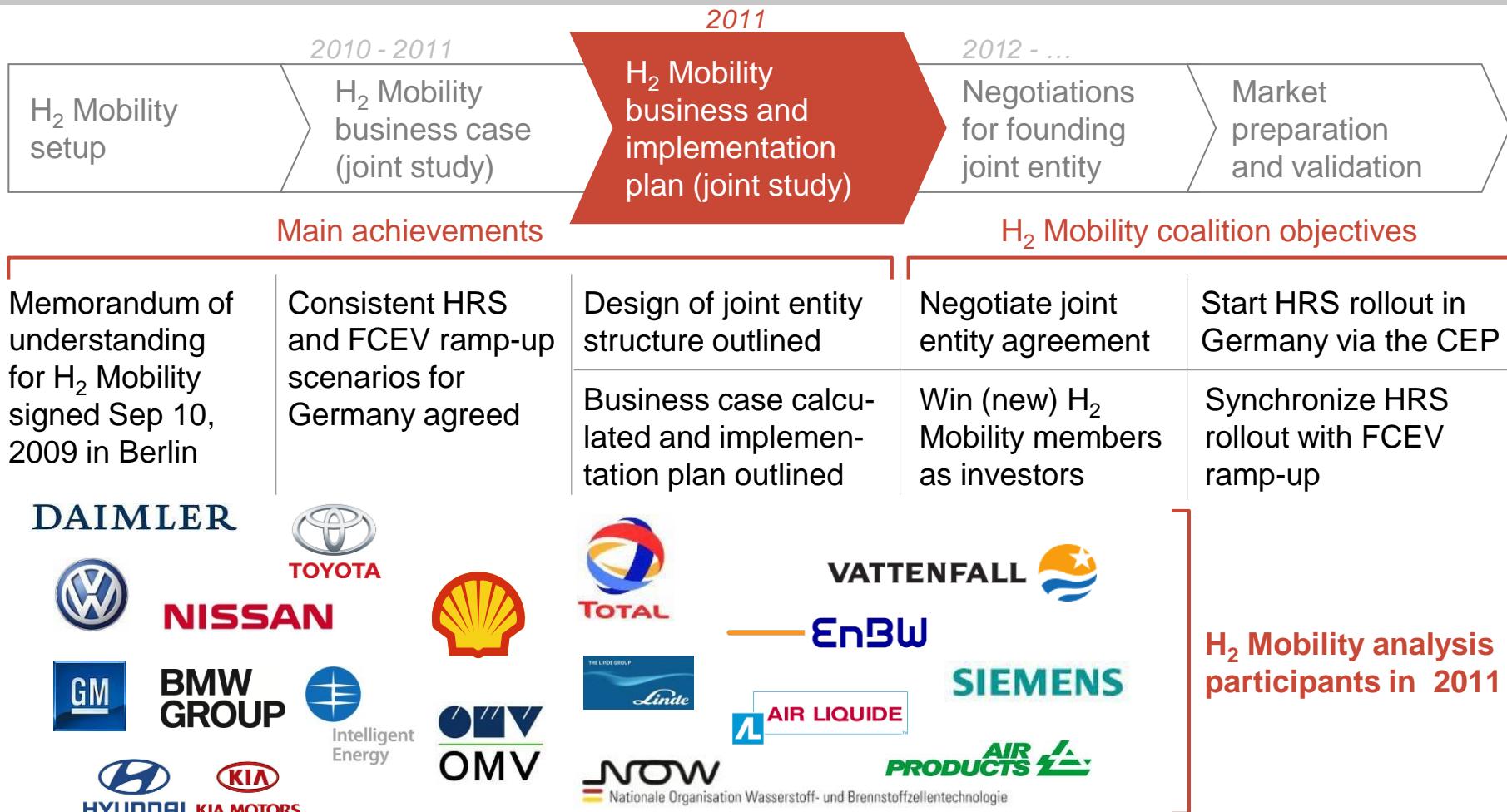


## Key achievements

- Safety of stations proven
- Refueling standards agreed
- Storage and compressor technology tested
- H<sub>2</sub> supply chain tested
- Bugs of station technology eliminated

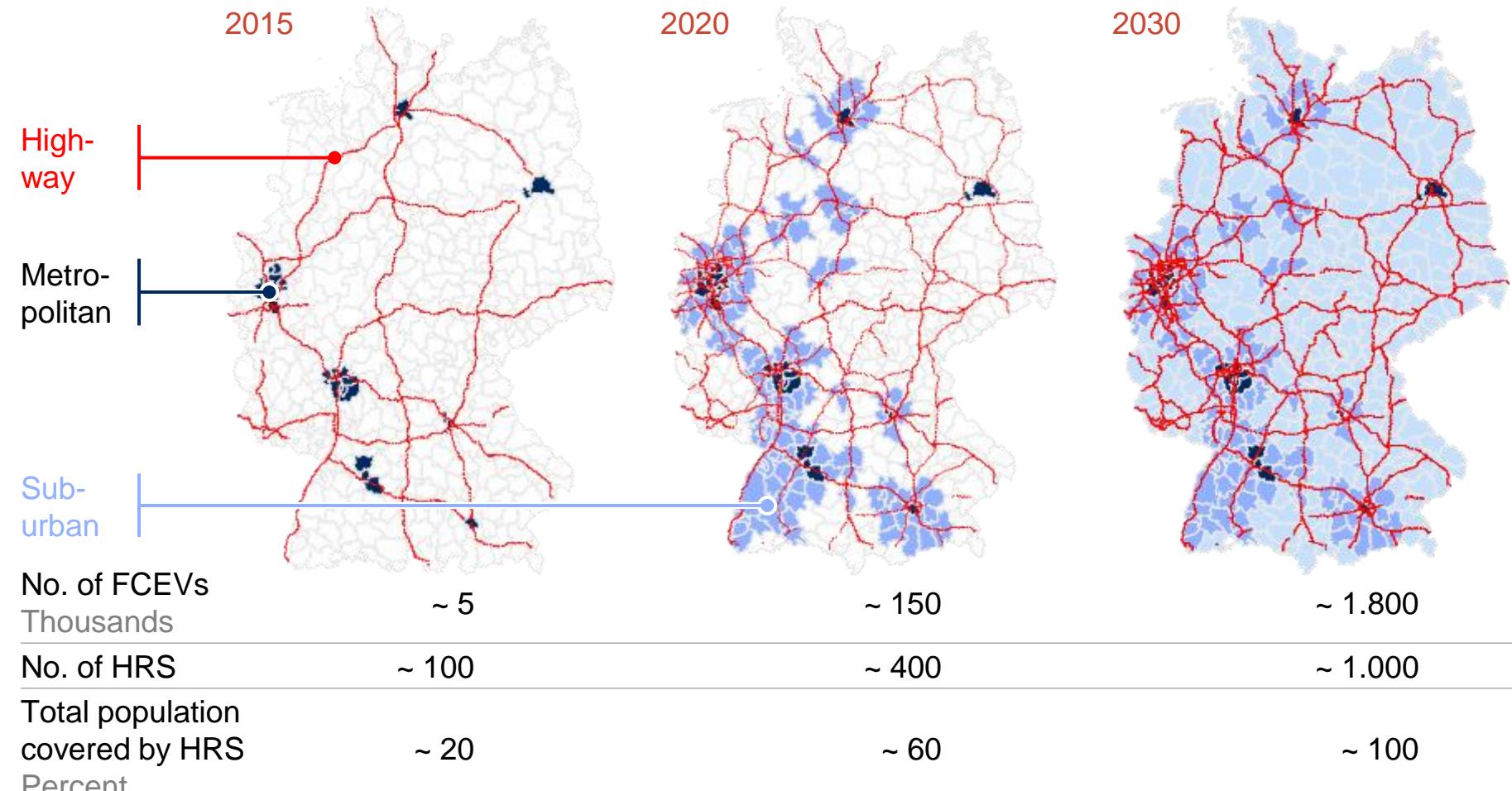
- Several additional stations are currently planned
- Daimler and Linde have announced to build 20 HRS within the next years

## In-depth analysis investigating the potential development of a hydrogen infrastructure in Germany



# Potential HRS rollout in Germany

Tier-1 regions  
 Tier-2 regions  
 Tier-3 regions



# Phased approach to a profitable commercial infrastructure ramp-up



<b>Goals</b>	<ul style="list-style-type: none"><li>HRS technology up and running</li><li>Costs significantly reduced</li></ul>	<ul style="list-style-type: none"><li>Proof of HRS, FCEV technology, and H<sub>2</sub> supply chain</li><li>Customer acceptance of FCEVs</li><li>Attractive business case for next phase</li></ul>	<ul style="list-style-type: none"><li>Scaled nationwide HRS network to enable FCEV mass take-up</li><li>Profitable, high-growth business</li></ul>
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# Thank you very much for your attention!

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