



Interreg

Alpine Space



Co-funded by  
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H2MA

# The evolution of **CLEAN HYDROGEN**



Perspectives from  
production to use  
in mobility and  
industry

**29th of October 2025**  
Venezia Heritage Tower  
(Marghera, Venice)

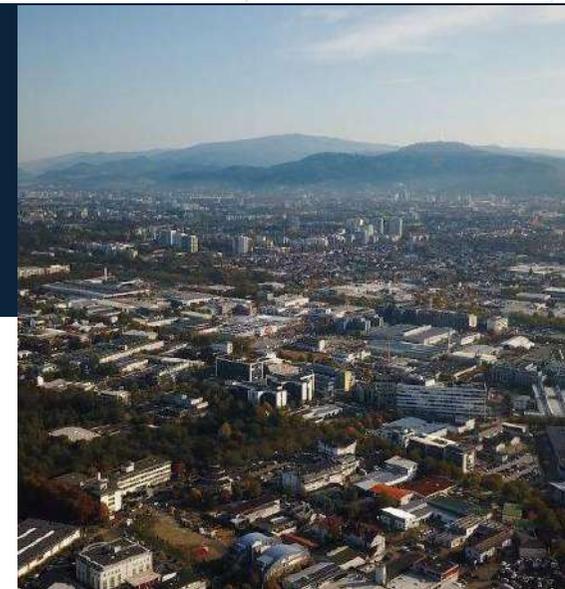


## H2MA – The evolution of green hydrogen (in Germany)

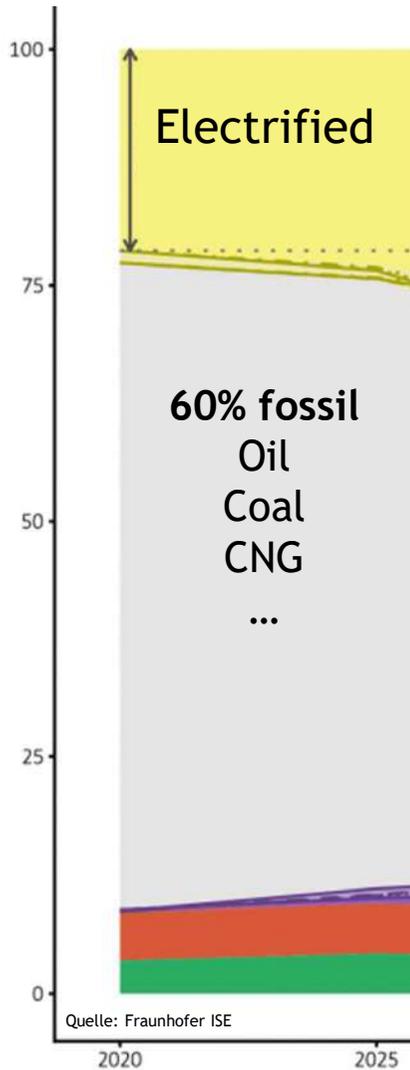
Oliver Jochum



**KLIMAPARTNER** Südbaden



# Final energy share [%]



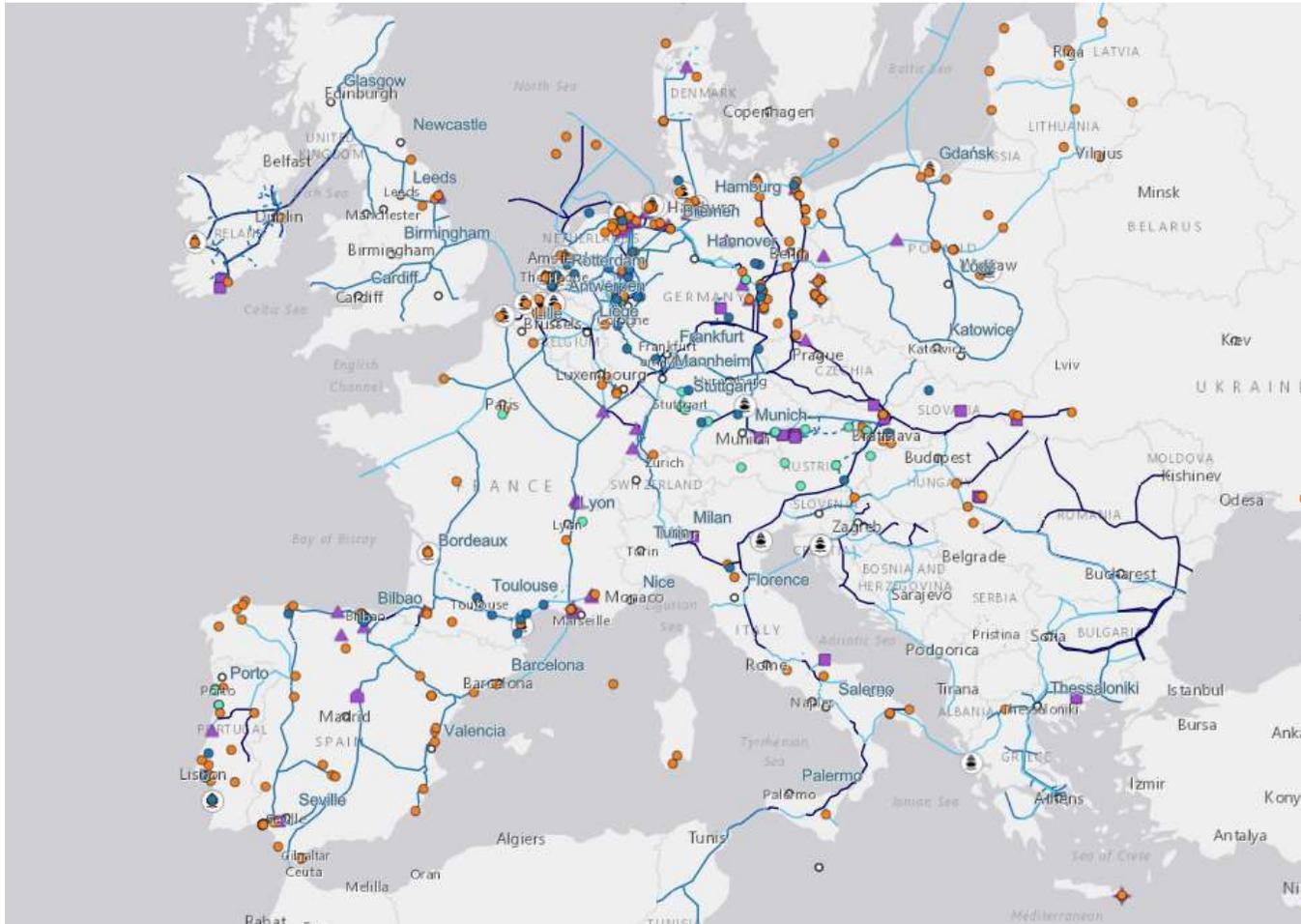
Energieträger	Szenario
Elektrizität	— Technologiemix
Fossile Brenn- und Grundstoffe	- Elektrifizierung
Wasserstoff + E-Fuels	- - Wasserstoff
Wärmenetze	- - E-Fuels
Biomasse	



**EU:** By 2050, renewable hydrogen is to cover around 10% of the EU's energy needs

**GER:** H<sub>2</sub>-production: 10 GW (2030)  
H<sub>2</sub>-Import: ca. 70 % (2030)

## European Hydrogen Backbone





# Hydrogen Core network

Wasserstoff-Kernnetz\* 2025

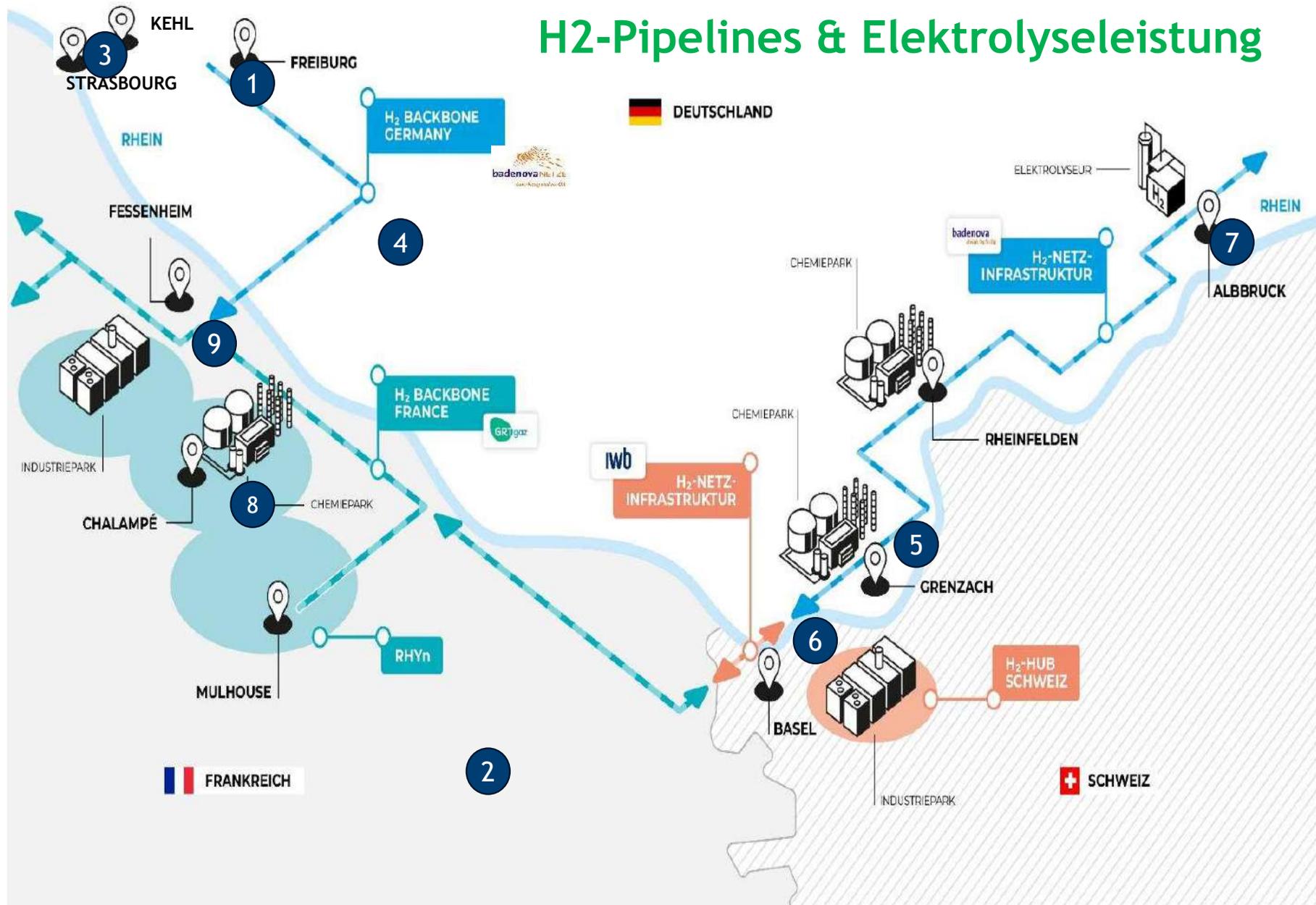


9.000 km

18,9 Mrd. €



# H2-Pipelines & Elektrolyseleistung





# Hydrogen in application





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# **KLIMAPARTNER** Südbaden

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**Thank you for  
your attention**