

Green Energy Center

WIVA P&G HyWest:

Aufbau einer regionalen grünen Wasserstoffwirtschaft in Zentraleuropa mit entsprechender Wasserstoff-Logistik

since 2014

Strategy, Project & Product Development

Quality Assurance & Monitoring

Dissemination & Training

since 2018

Research Facility for Interdisciplinary Systems and Logistics Research in accordance with the Union framework





Green Energy Center

Fossil World
Oil, Coal, Gas,
CO2, Dust, Noise,
Climate Change,

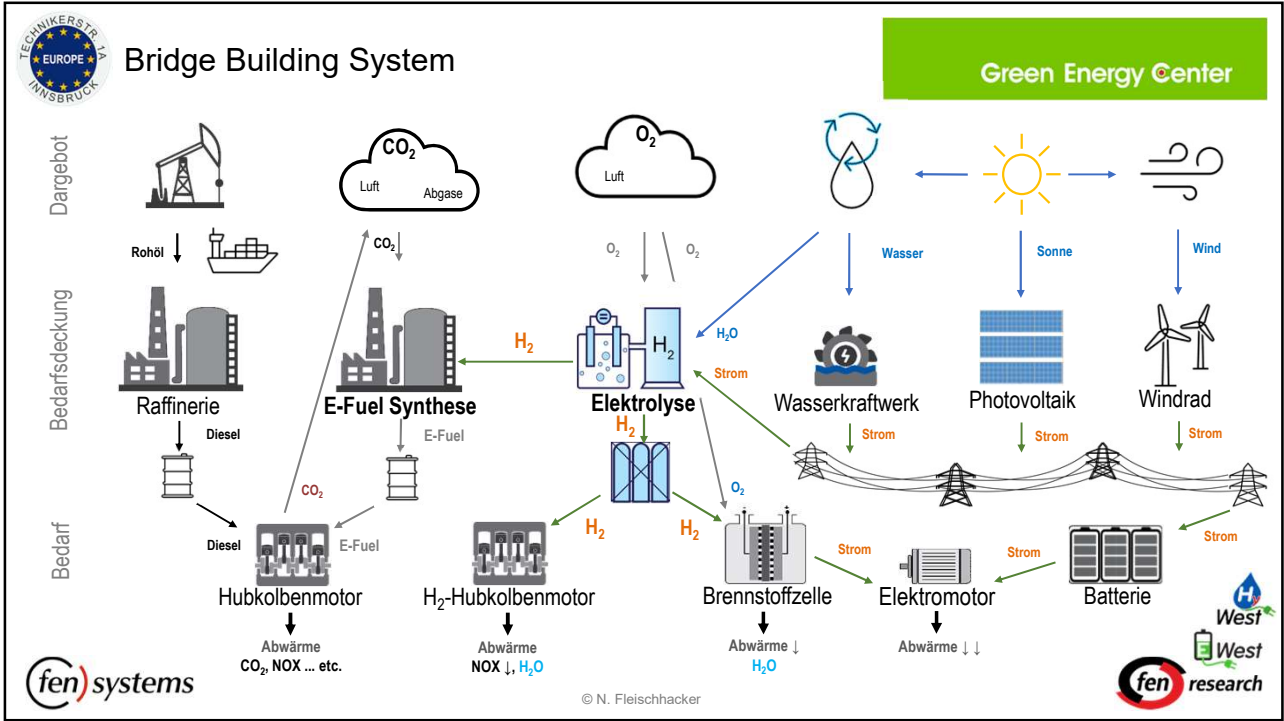
„Die eigenen
Ressourcen
für die eigenen
Zwecke nutzen
bevor es andere tun
oder tun müssen“
E. Fleischhacker (1994ff)

Green World
Sun, Water Wind
Free from CO2
Dust, Noise,
Climate Change,

www.fen-research.org
training@fen-research.org

www.green-energy-center.com





Green Hydrogen Highway

since 2014

2014

2015

2015

2015

2015

2015

2015

2018

2018

2021

2021

HyFIVE (FCHJU)

Hydrogen Highway GREEN CORRIDOR Munich/Verona

Friendly User H2 Family 57 Hyundai ix35 FCEV + NEXO FCEV

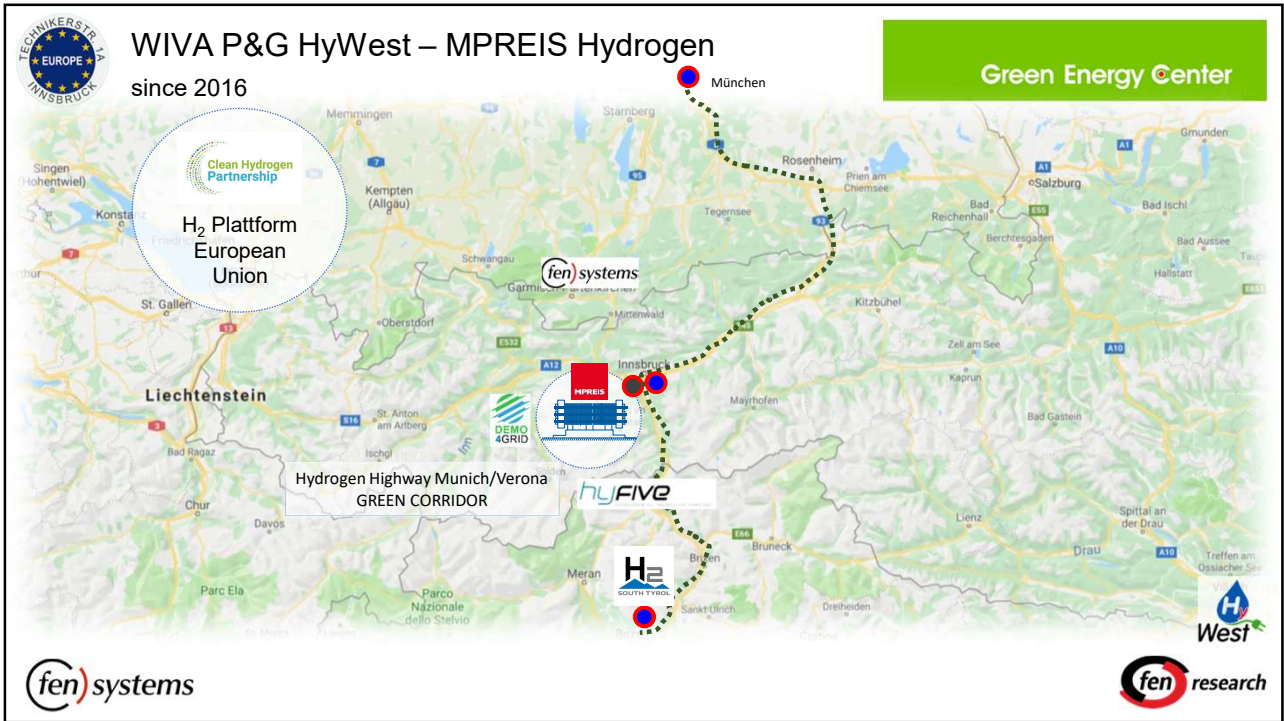
H2 SOUTH TYROL

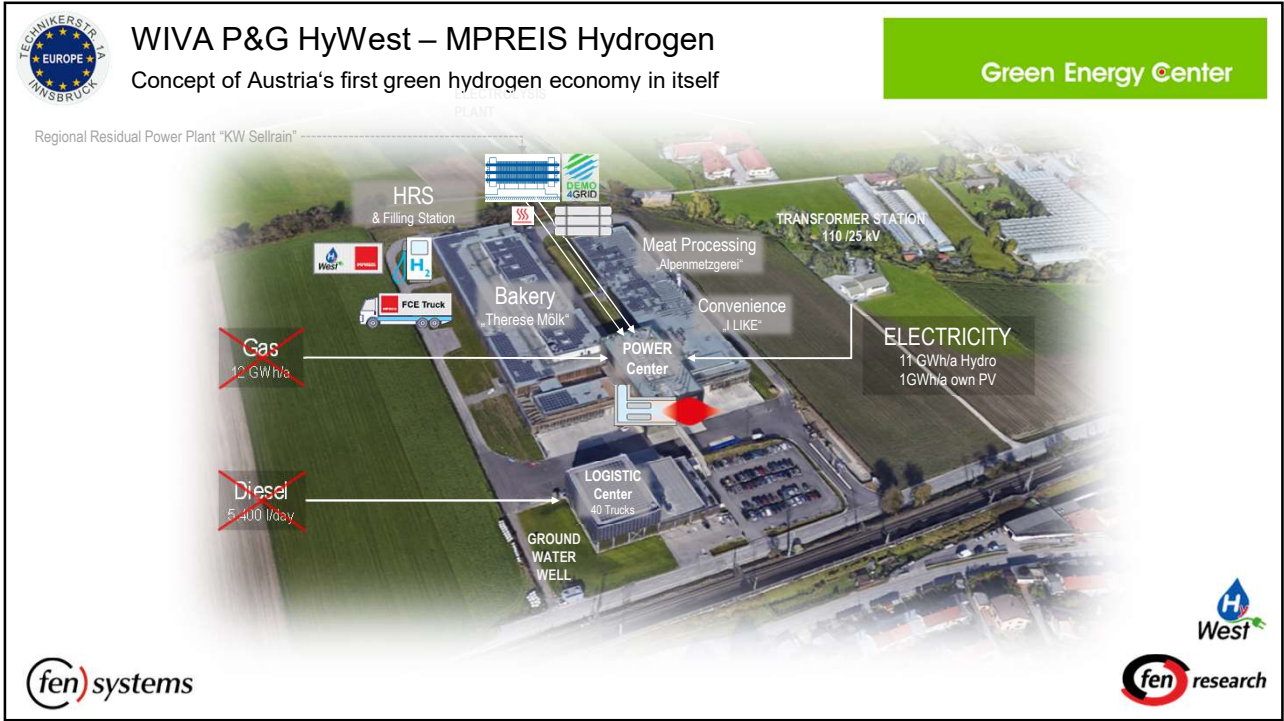
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fen)systems

© E. Fleischhacker

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WIVA P&G HyWest – MPREIS Hydrogen

Electrolysis, H₂ Storage, Multi-Fuel Burner, and Heavy Duty HRS

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Alkaline Electrolysis Stack



30 bar Hydrogen Storage



Dual-Fuel Burner



Heavy Duty Hydrogen Refueling and Trailer Filling Station





WIVA P&G HyWest – MPREIS Hydrogen
Gas Purification, FCE Truck, Training, and MEGC

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Gas Purification for Fuel Cell Grade H₂



Introduction of the first FCE Truck

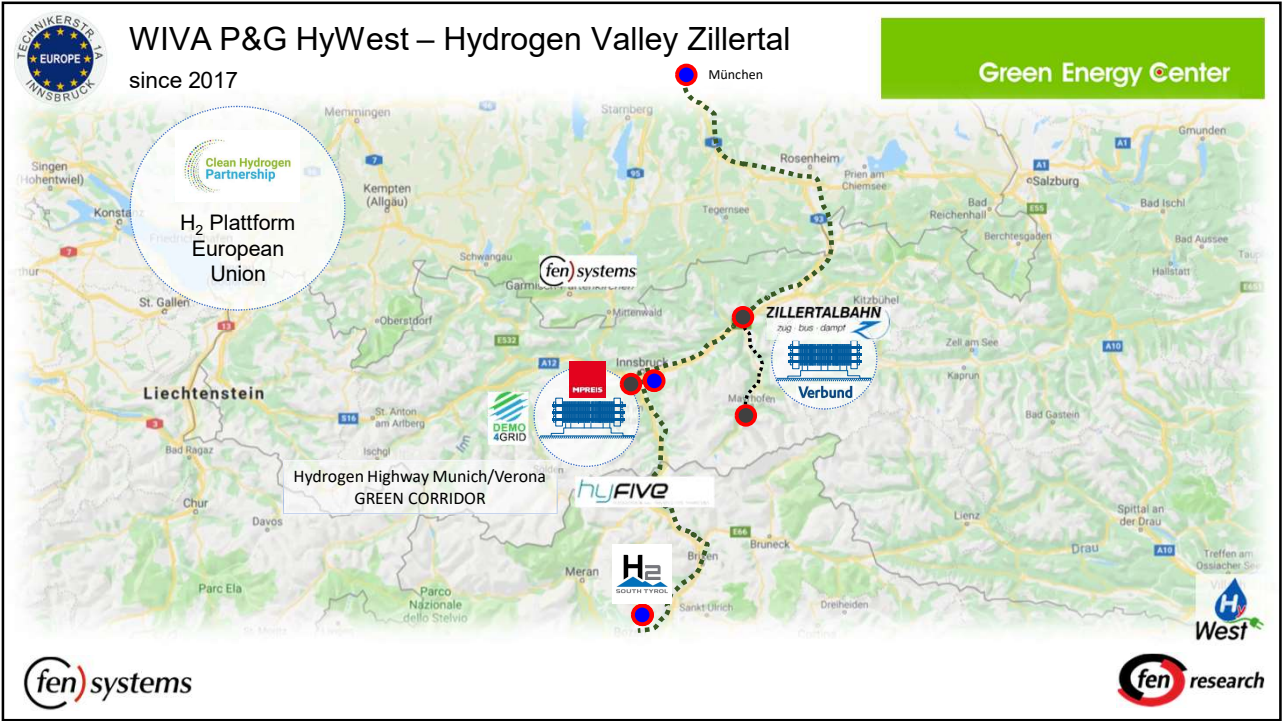


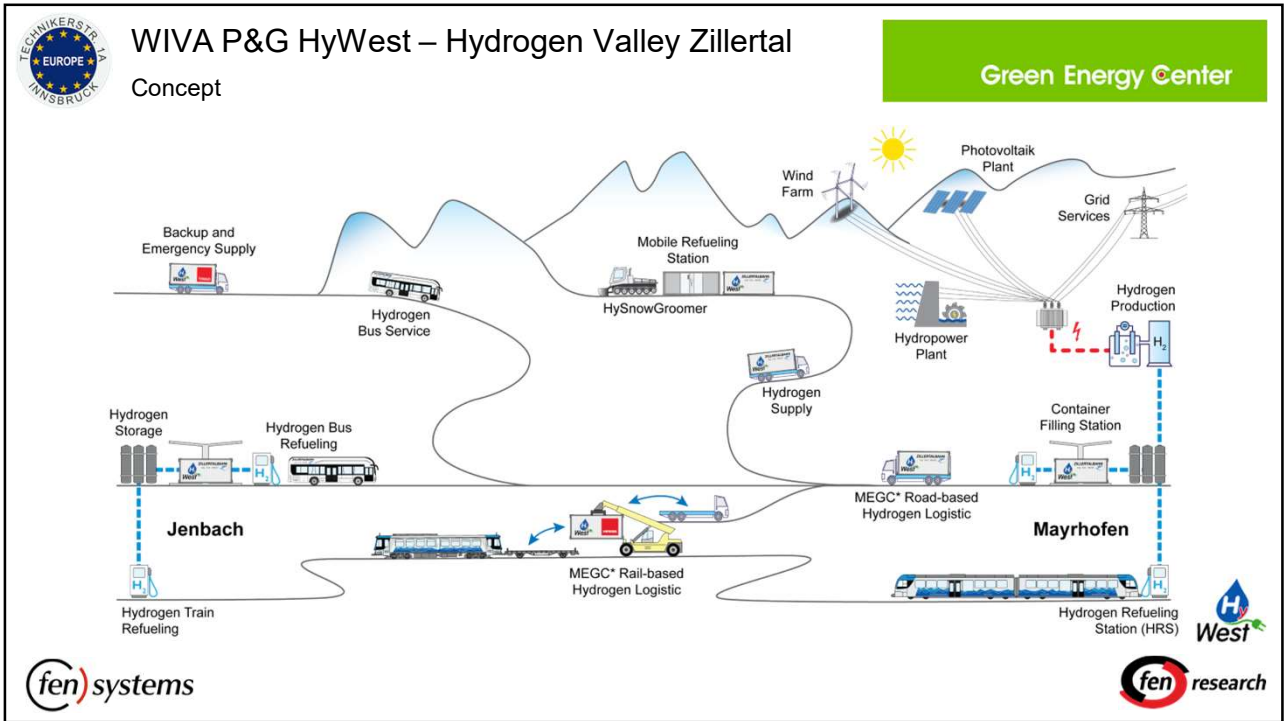
Hydrogen Training for Mechanics and Drivers



First two Multi Element Gas Containers









WIVA P&G HyWest – Hydrogen Valley Zillertal

Test drives with the Hyundai FCE Bus in cooperation with HyBus

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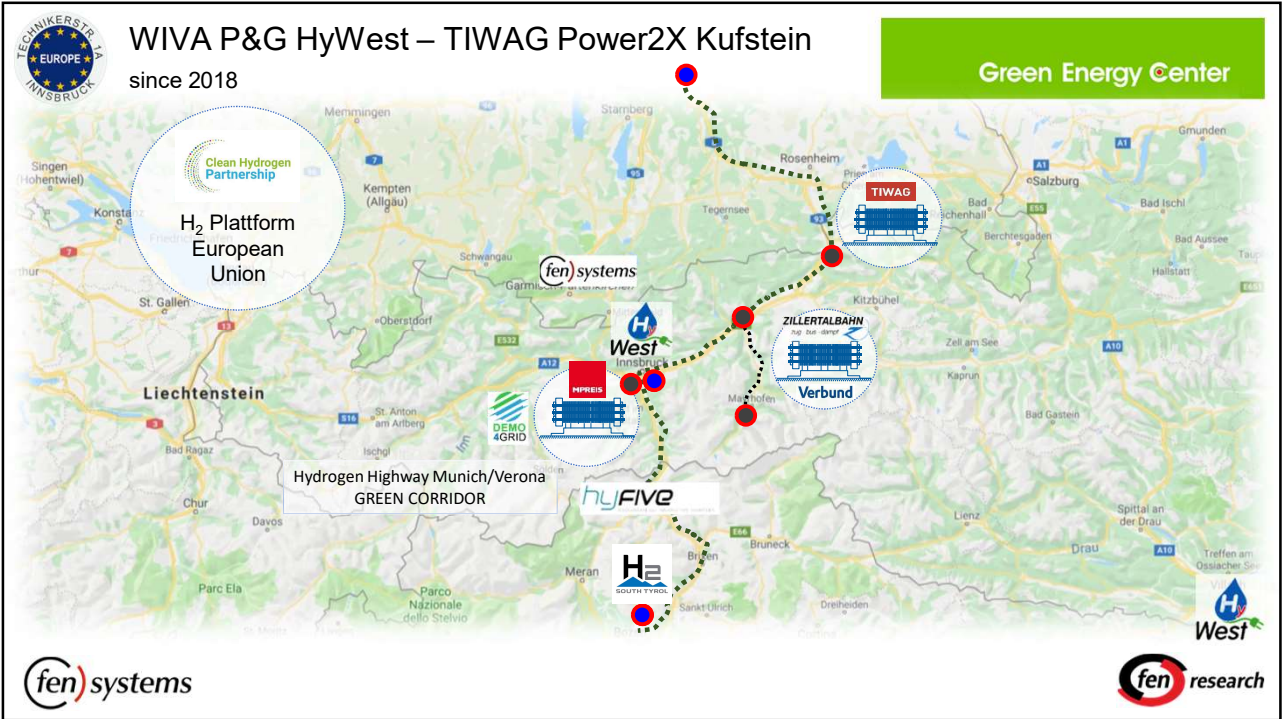


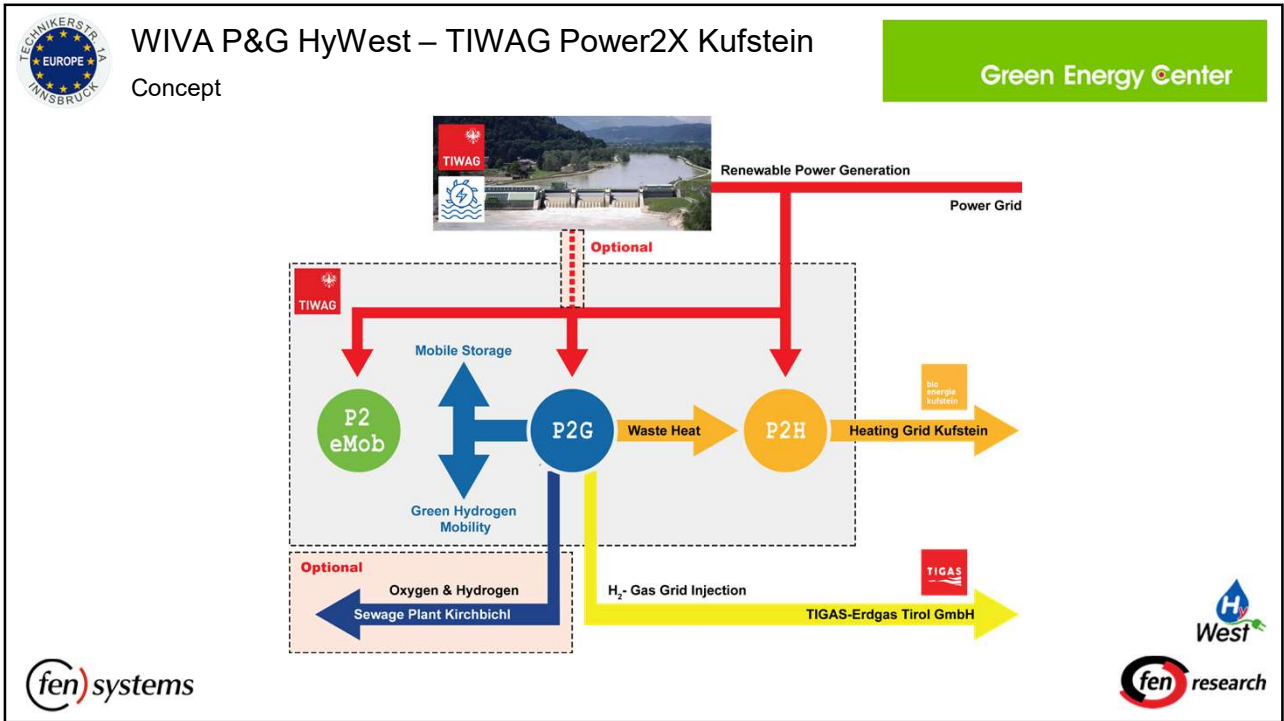
Test drives in winter conditions on mountain passes



Downhill over a winding road









WIVA P&G HyWest – TIWAG Power2X Kufstein
Rendering of Plant

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