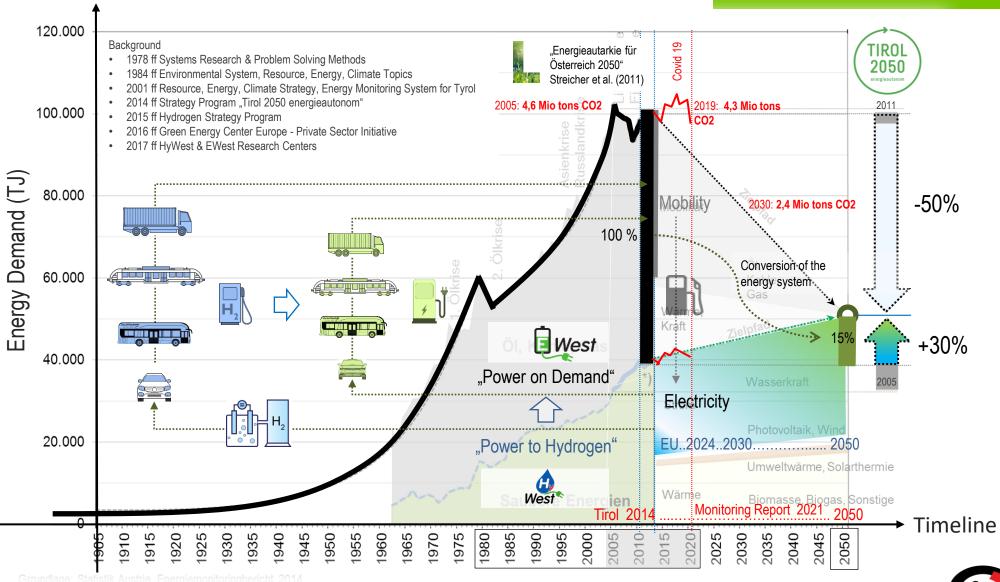






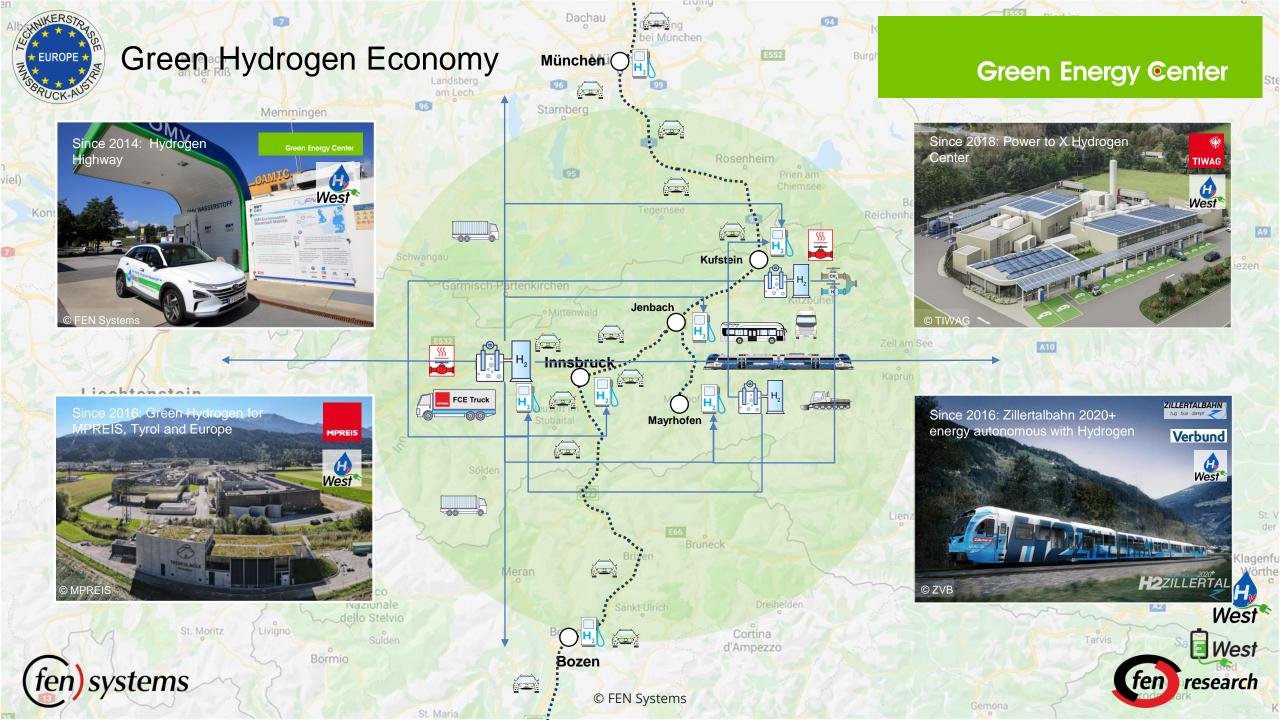
## Energy-, Resource- & Climate Strategy

#### **Green Energy ©enter**





fen research







## Green Hydrogen for MPREIS, Tyrol & Europe

Convenience

**Hydrogen Storage** 

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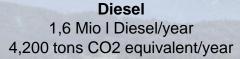








# Gas 12 GWh/year 2,400 tons CO2 equivalent/year





Production in

Bakery

**Hydrogen Heat** 







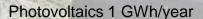
**Hydrogen Logistic** 





**Green Hydrogen Production** 

3 MW Alkaline Electrolyser up to 1,4 tons H2 per day





Regional Hydropower Plant









Substitution up to 6,600 tons CO2 equivalent/year













WIVAP&G

MPREIS / Valentin Schennach FEN System

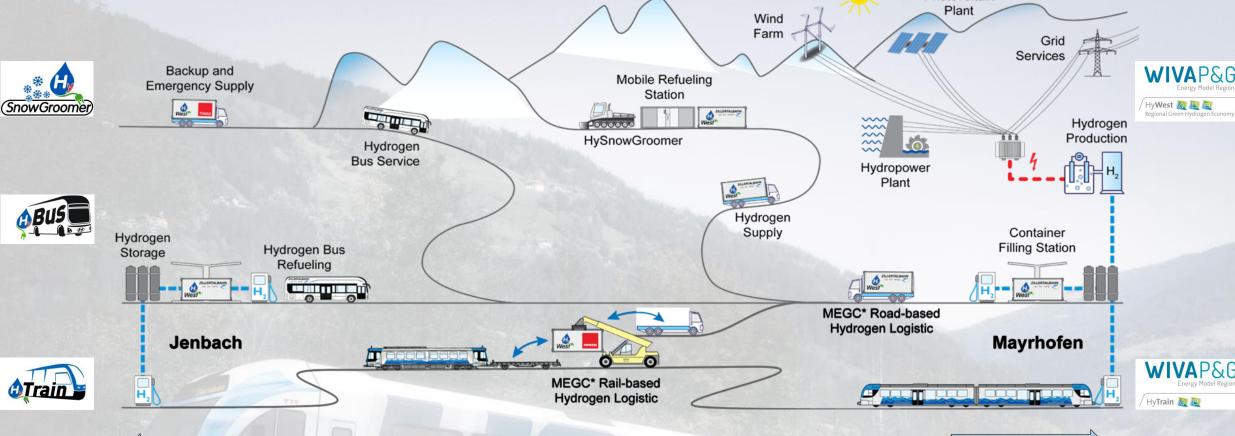


Zillertalbahn 2020+ Energy Autonomous with Hydrogen

within the Hydrogen Valley Zillertal

### Green Energy Center

Photovoltaik





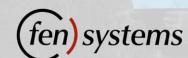
Substitution: 900.000 Liter Diesel/year = 2.400 tons CO2 equivalent/year













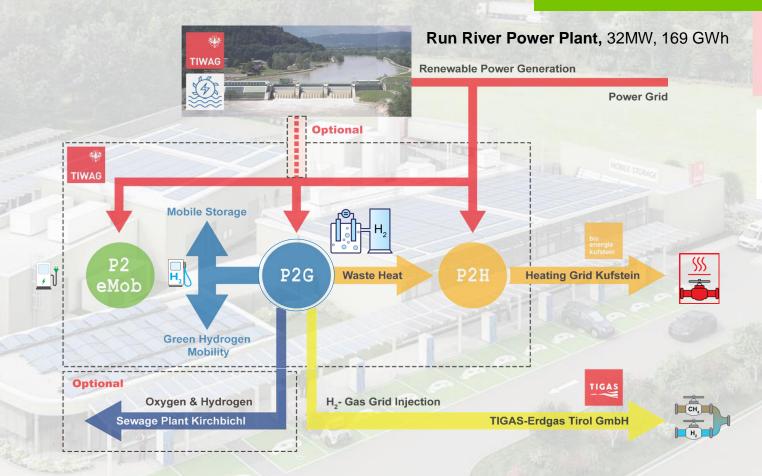
## Power2X Hydrogen Center Kufstein

#### **Green Energy ©enter**

HyWest 👸 📳 🚞

## **P2X Sector coupling plant** up to 12,4 MWel

- Power2Gas (Hydrogen) up to 5 MWel
  - PEM-Elektrolysis up to 900 tons H2/year
  - Storage up to 53,000 m³
  - Hydrogen Refueling Station for cars, trucks, vehicles, buses
  - Trailer Station for mobile storage solutions (trailer) 500 kg / 300bar
- Power2Heat up to 1MWel
- Power2Mobility
   up to 2 MWel
   up to 17 charging points
   for cars, trucks, vehicles, buses



Substitution potential up to 6, 3 Mio Litre Diesel/year = up to 17.000 tons CO2 equivalent/year















## Identify & Assess Project Power to Gas for Austria

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