

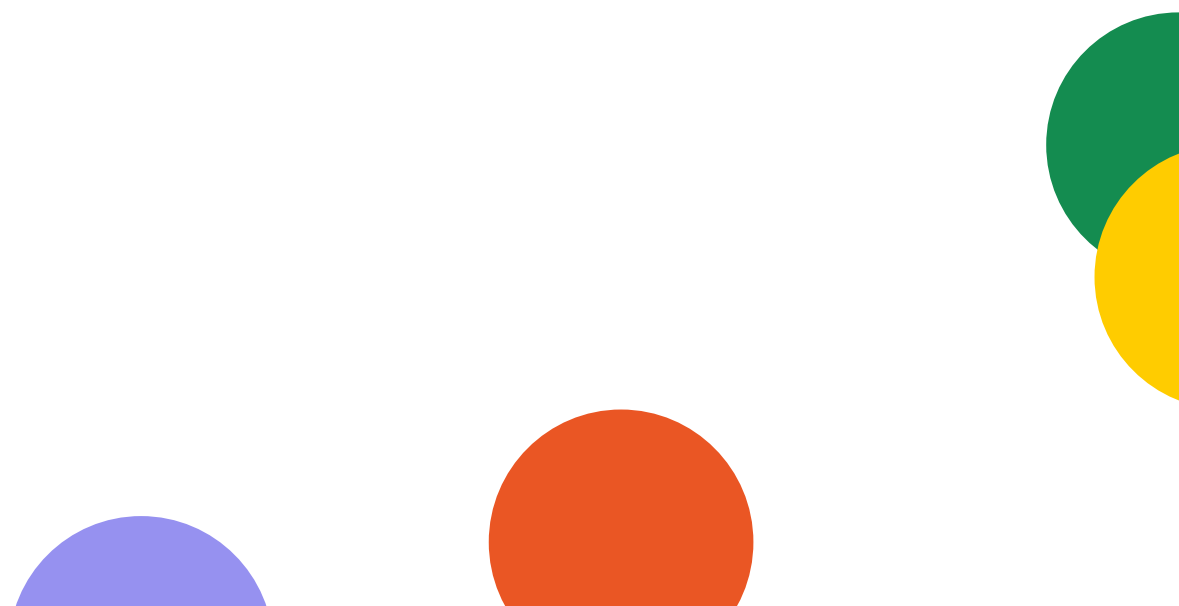


# Large-Scale Green Hydrogen Production from PowerPoint to Realisation – Pannonian Green Hydrogen

**Michaela Leonhardt**

Head of Green Hydrogen  
Burgenland Energie AG

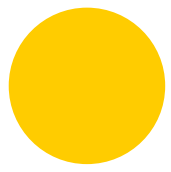
28. SEPTEMBER 2023, VIENNA  
AUSTRIAN ENERGY DAY





Burgenland





# PanHy – Pannonian Green Hydrogen

Joint Project **Verbund**



# PanHy – Pannonian Green Hydrogen

Verbund

Burgenland  
Energie

Green Electricity



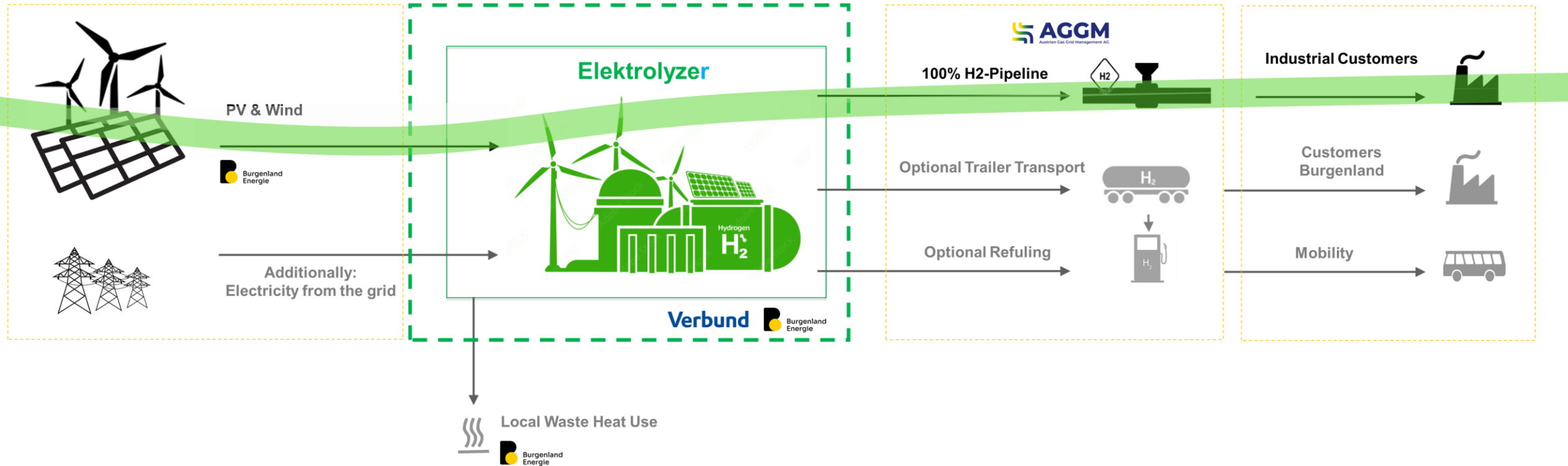
Hydrogen Production



Hydrogen Transport



Hydrogen Application



Goal: 300 MW H<sub>2</sub> production capacity in Burgenland  
Up to 40.000 t/year of green hydrogen | 400.000 t CO<sub>2</sub> savings/year

# PanHy – Scaling Concept



2 - 3 Locations  
in Northern Burgenland



Planned Commissioning: 2027

Installed Capacity: 60 MW

H<sub>2</sub>-Production: max. 9.000 t/y

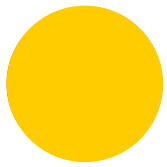
CO<sub>2</sub>-Saving: max. 90.000 t/y

Planned Commissioning: 2030

Installed Capacity: in total 300 MW

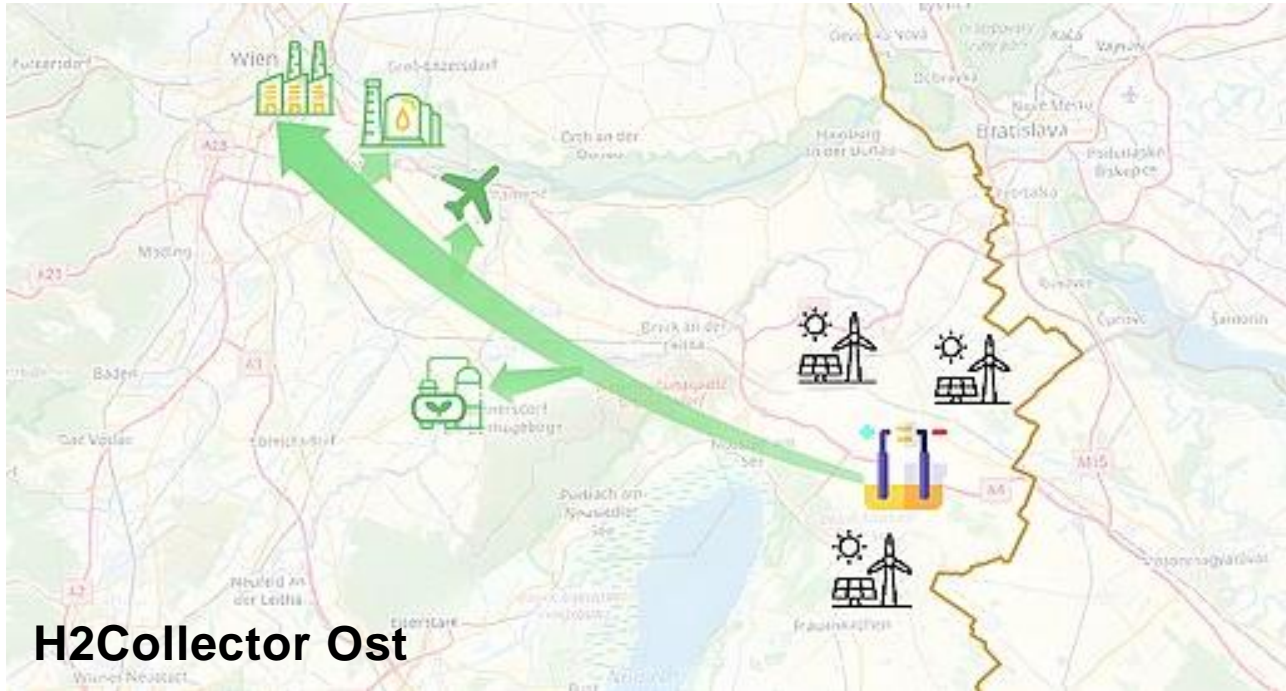
H<sub>2</sub>-Production: max. 40.000 t/a

CO<sub>2</sub>-Saving: max. 400.000 t/a

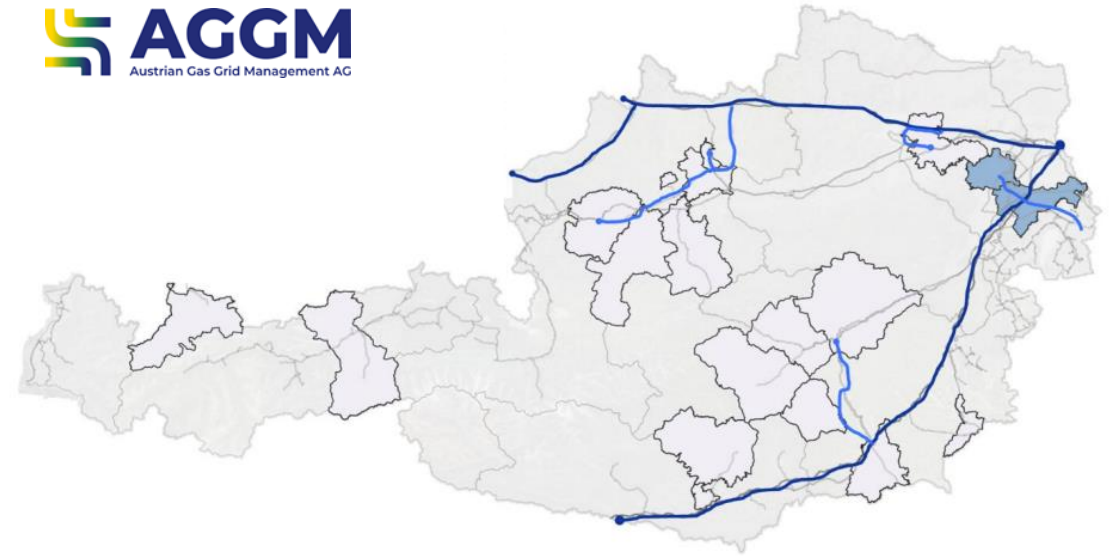


# PanHy – Infrastructure

Verbund



H<sub>2</sub> Roadmap 2030  
**AGGM**  
Austrian Gas Grid Management AG



# Responsibility



It's our all **responsibility** to use **regional electricity- und hydrogen-sources** for the **decarbonisation** of national industry- and energy-sector.

