

From individual projects to Hydrogen Valleys

Austria: current developments and plans

24/02/2026 – Margherita Matzer (WIVA P&G)



HI2
VALLEY



Co-funded by
the European Union

WIVA P&G

Hydrogen Initiative Energy Model Region Austria Power and Gas

- WIVA P&G is a research association
- Competence network for hydrogen - research and innovation:
 - Austria-wide, transregional, thematically focused
- Experience of more than 30 completed and ongoing projects
- Projects:
 - Sectorally integrated, multidisciplinary
 - Implementing an innovation structure
 - Demonstration and testing of intelligent system solutions in practice
- Goal:
 - Support transition to a sustainable energy system

WIVA P&G Members

19 industry and 7 research



BOSCH

energieAG
Oberösterreich



EVN



LINZ AG



Landesgesellschaft
Österreich



Verbund

voestalpine

ONE STEP AHEAD.



Z ZAUNER GROUP



UNIVERSITY
OF APPLIED SCIENCES
UPPER AUSTRIA



Forschung



HYDROGEN CENTER AUSTRIA





With single projects to a Hydrogen Valley

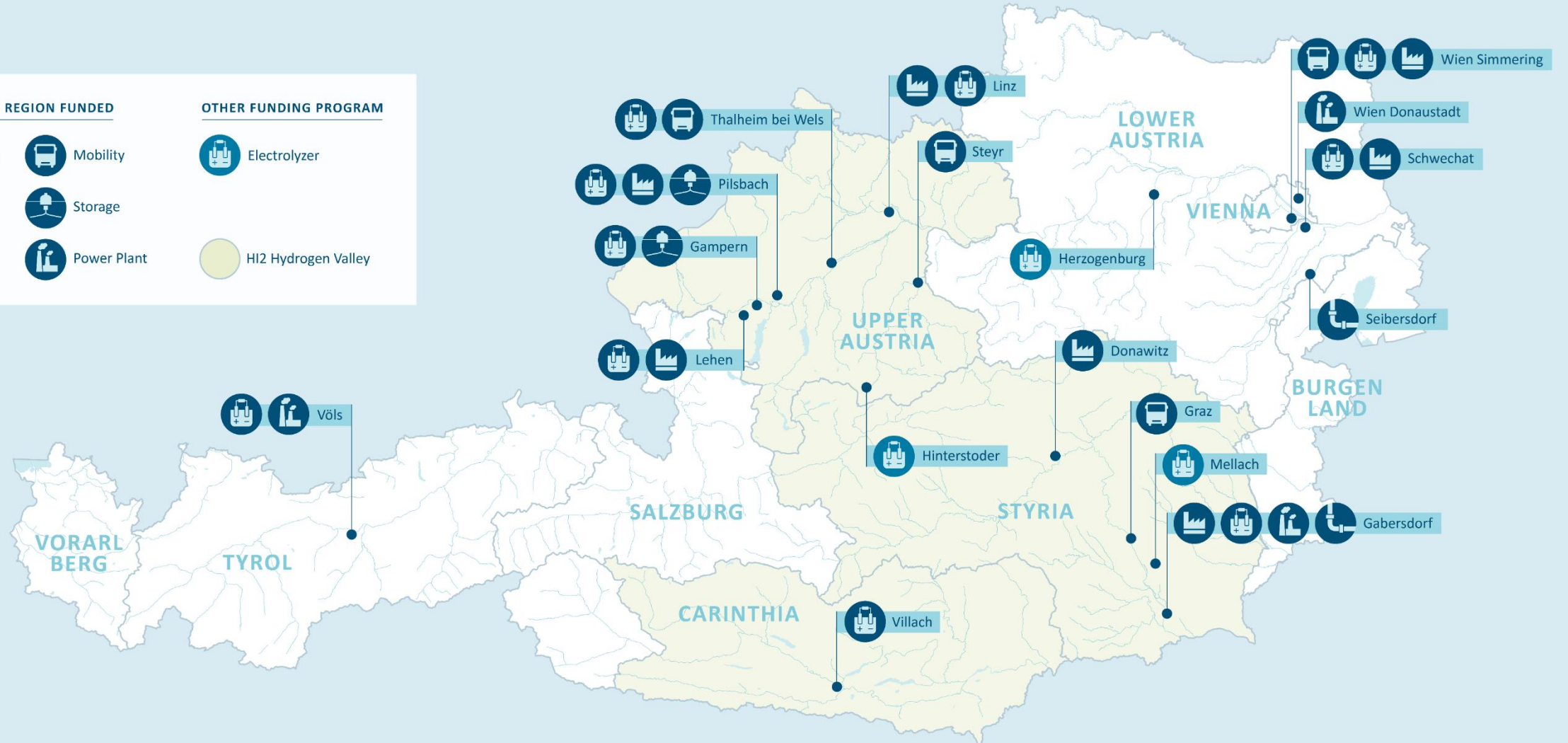


ENERGY FLAGSHIP REGION FUNDED

-  Electrolyzer
-  Mobility
-  Industry
-  Storage
-  Pipeline
-  Power Plant

OTHER FUNDING PROGRAM

-  Electrolyzer
-  HI2 Hydrogen Valley



The H2 Valley in Numbers

Building Europe's Hydrogen Future

€588 Mio

Total Project Volume*

€20 Mio

*of which are granted by the EU

44

Partners

2,000

Jobs

6

Year Timeframe

101

MW new electrolyzer

10,000

tonnes/year planned H2 production

200,000

CO2-equivalent saved by 2030

What Will We Do?

Focus Areas



- Strengthening the entire hydrogen value chain from production, storage, and distribution to end use
- Each region will integrate open-access hydrogen pipelines, and a centrally managed tube trailer network, ensuring coordinated and efficient distribution
- HI2 Valley partners are committed to lowering emissions for the mobility sector but especially in some of the most energy-intensive industries, including steel, chemicals and cement

Consortium Partners

44 Austrian and international companies and institutions drive the H₂ Valley

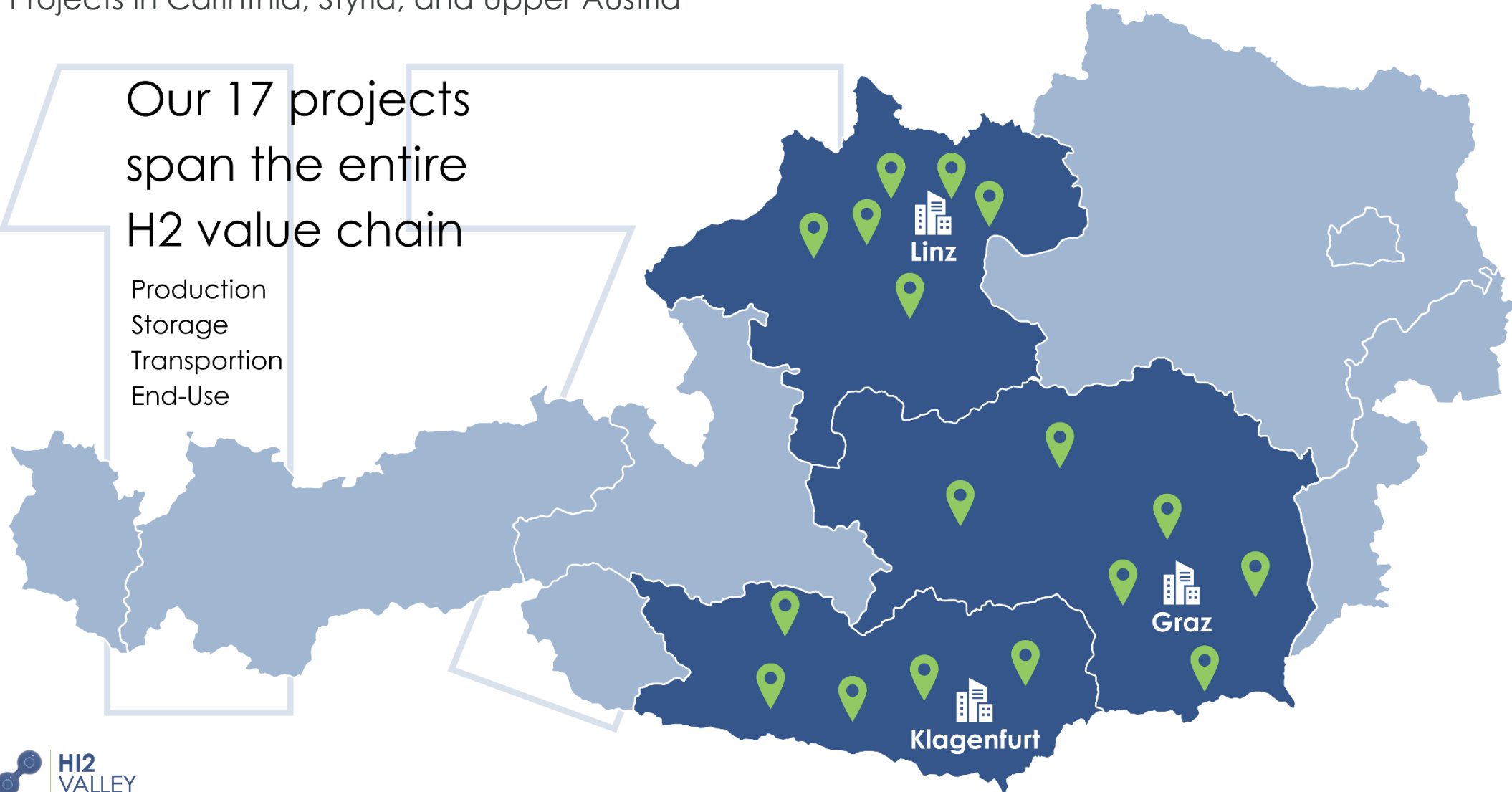


Welcome to the Valley

Projects in Carinthia, Styria, and Upper Austria

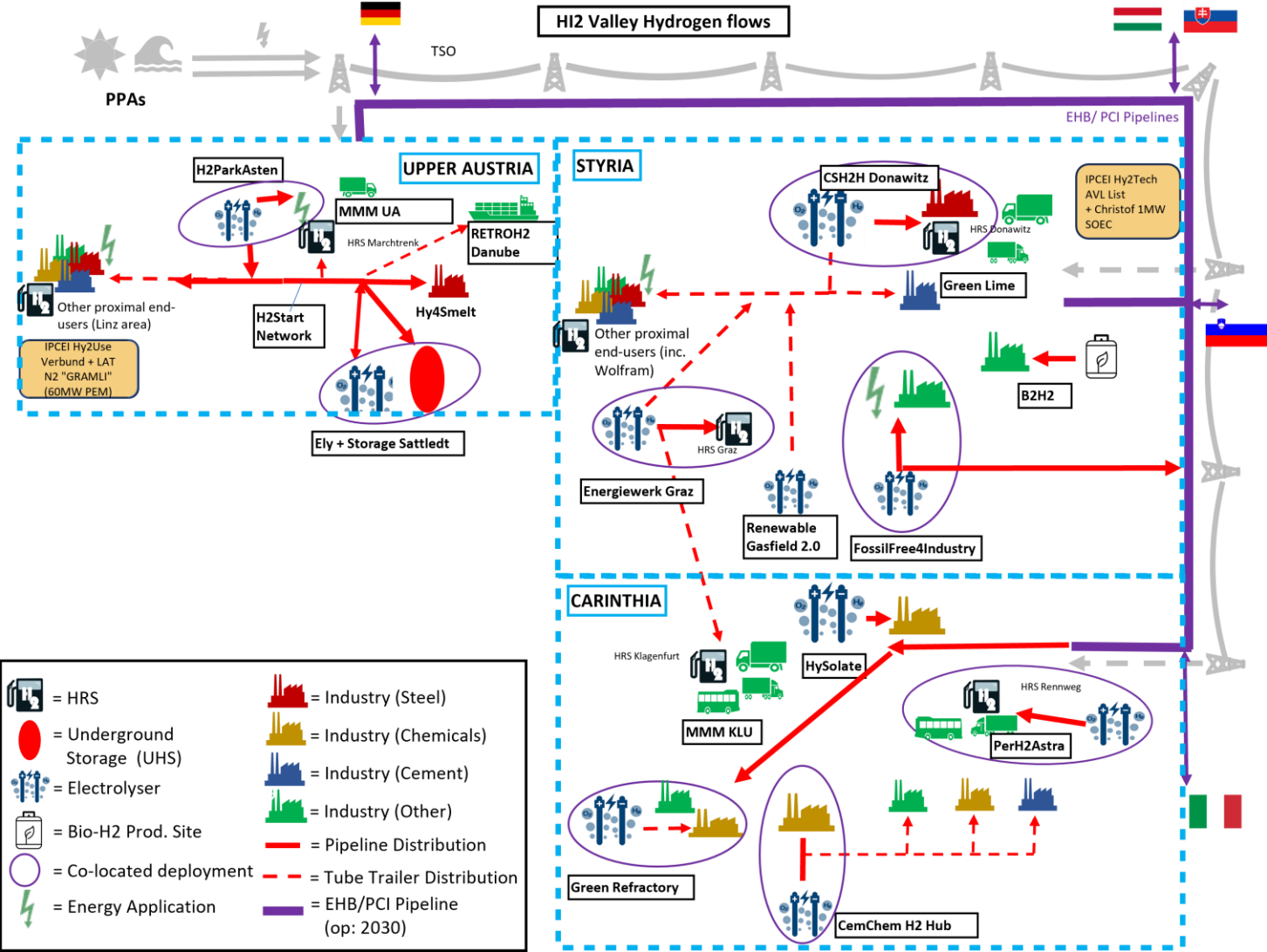
Our 17 projects
span the entire
H2 value chain

Production
Storage
Transportation
End-Use



One Valley one System

Projects in Carinthia, Styria, and Upper Austria



What's Next?

- HI2 Valley:
 - 2025 & 2026 – Planning Phase
 - 2027 & 2028 – Implementation Phase
 - 2029 & 2030 – Operational Phase
- Further Hydrogen Valleys:
 - HyHope with Slovakia and Hungary
 - Brenner Valley: open for more exploratory talks



THANK YOU

Stay Connected With Us



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www.hi2valley.com



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