



International Partnership
for Hydrogen and Fuel Cells
in the Economy

***Austria* Update (Period 10/23 – 03/24)**

41st IPHE Steering Committee Meeting

19 - 20 March 2024

New Delhi, India

Current Status *Austria*

- ▶ Around **116.000 tonnes** of hydrogen (3.9 TWh) were used in Austria in 2022, thereof approx. 1 % green hydrogen (renewable hydrogen)
- ▶ **99 %** based on fossil energy (natural gas)
- ▶ **Installed** electrolysis capacity: **15.2 MW** (among the front runners in Europe)
(see complete list annex country report)
- ▶ Electrolysis capacity **planned/ under construction**: **150 MW**
(see complete list annex country report)
- ▶ Mobility: 6 fuelling stations, 62 passenger cars, 8 buses, 1 truck

Concrete Projects *Austria*

LAT Nitrogen/ Verbund: 60 MW

Project within the framework of the EU funding mechanism "Important Project of Common European Interest" (IPCEI, Hy2Use) and the EU Innovation Fund (Green Ammonia Linz GrAmLi) Finalisation is planned for 2025 in Linz (Upper Austria).

OMV Downstream GmbH: 10 MW

An electrolyser is to be installed in 2024 in the refinery in Schwechat to provide hydrogen for the hydrogenation of bio-based and fossil fuels.

Pannonia Green Hydrogen: 60 MW

Burgenland Energie and Verbund want to gradually build up hydrogen production in Burgenland. This hydrogen will then be transported to Vienna via the H2Collector Ost pipeline project using gas pipelines. In the first phase, an electrolyser capacity of 60 MW is to be built in Zurndorf by 2027. This is to be expanded to up to 300 MW in the next phase by 2030.

EGG, WFöG and ÖNIP

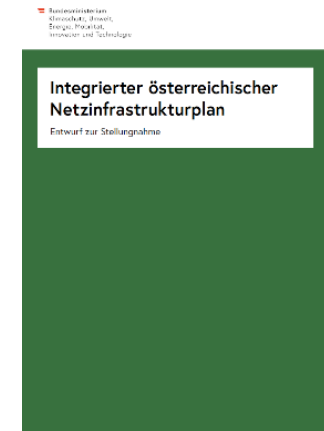
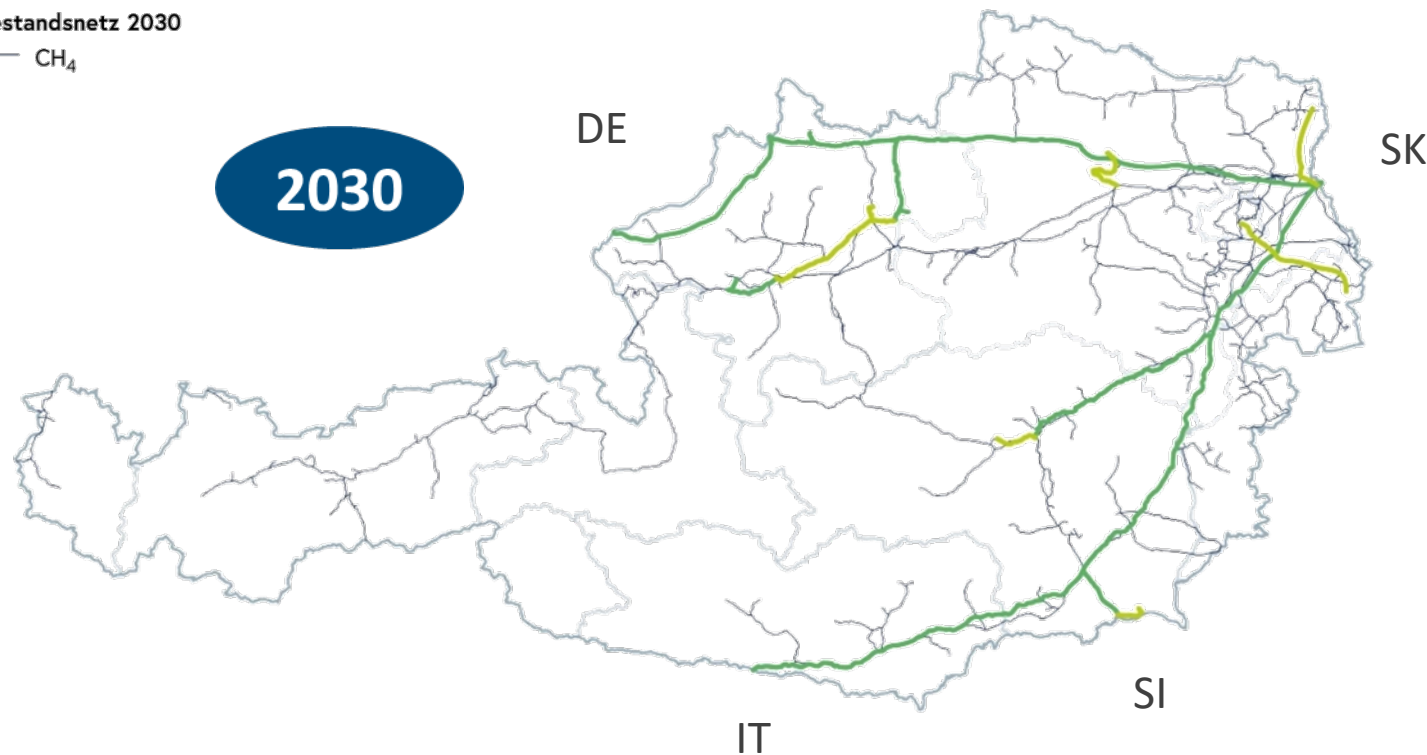
EGG (Erneuerbares Gas Gesetz/ Renewable Gas Act)

The Renewable Gas Act (EGG) has passed the Council of Ministers on 21 February 2024 and sent to the National Council for further consideration. The law is intended to lay the foundation for the promotion and integration of domestic renewable gas into Austria's energy supply

WFöG (Wasserstoffförderungsgesetz/ Hydrogen Promotion Act)

Federal act on the promotion (funding) of the production of renewable hydrogen of non-biogenic origin. Draft, currently in public consultation since 2024.02.26

- New construction → **Neubau & Umwidmungen von CH₄ zu H₂ bis 2030**
 - Neubau (H₂)
 - Umwidmung (CH₄ zu H₂)
- Repurposing → **Bestandsnetz 2030**
 - CH₄
- Natural Gas →



ÖNIP (Draft)
Overarching strategic planning document for the future electricity, methane and hydrogen infrastructure

Thank you



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