



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Country Update **Austria**

36th IPHE Steering Committee Meeting

16 – 17 November 2021

Virtual Meeting

Announcements / New Initiatives *Austria*

Austrian Hydrogen Strategy: still not published, but we can name a few facts

- Build-up of 1 GW electrolysis capacity by 2030.
 - Assuming a capacity utilization of 5000 h/a and a conversion efficiency of 75%:
1 GW electrolysis capacity \Rightarrow **3.75 TWh** hydrogen per year
 - Current fossil hydrogen consumption: 140,000 tons (**4.6 TWh**)
- Creation of a level playing field for renewable hydrogen production
- Establishment of hydrogen production as an integral part of the energy system
- Technical and regulatory adaptations for hydrogen in the gas grid and end-use applications
- Creation of uniform international and European framework conditions
- Strengthening of Austria as competitive business hub and center of excellence through focused development of hydrogen technologies

Announcements / New Initiatives *Austria*

Renewable Energy Expansion Act (Erneuerbaren Ausbau Gesetz, EAG) has passed the National Council in July 2021

Measures within the scope of the EAG

€40Mio
per anno

Investment subsidies for the construction of plants for the conversion of electricity into hydrogen or synthetic gas

- Assumption of the costs for gas and electricity grid connection by the grid operator
- Exemption from the renewable subsidy flat rate and subsidy contribution for renewable hydrogen plants ≥ 1 MW
- Regulation for the hydrogen share in the gas grid
- Establishment of definitions

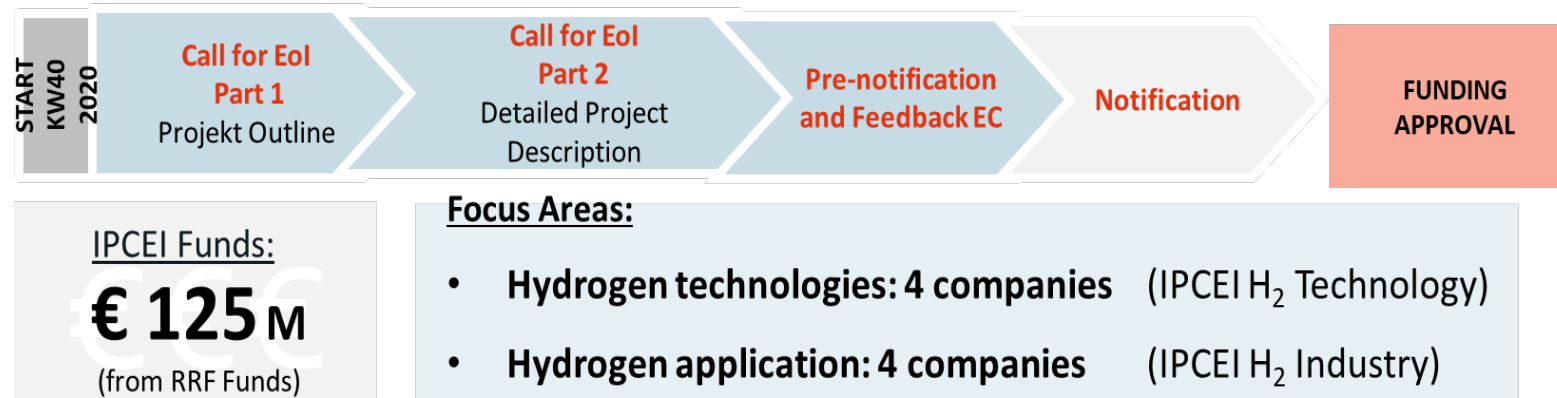
Announcements / New Initiatives *Austria*

ERA-pilot Green Hydrogen and Important Projects of Common European Interest (IPCEI)

Austrian participation in the ERA-pilot Green Hydrogen Agenda Process:

- EU-27 member state driven process in order to identify urgent innovation needs
- Austria took over the responsibility for the market stimulation topic
- Implementation is planned for 2022

IPCEI Hydrogen Process in Austria:



Thank you



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