Hydrogen Policies
State of Play in the EU and Austria

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100% of total national electricity consumption from renewable sources

45-50% share of renewable energy in final energy consumption
„The Hydrogen Initiative“
EU Long-Term Strategy

Figure 20: Share of energy carriers in final energy consumption

Source: Long-Term Strategy 2050 of the EC, 2018; PRIMES
EU Long-Term Strategy

Figure 27: Electricity storage and new fuel production capacities (2050)

Source: Long-Term Strategy 2050 of the EC, 2018; PRIMES
EU Activities

Kick-Off April 2019
Hydrogen Energy Network (HyENet) MS Best Practice since June 2019
IPCEI Hydrogen Strategic value chain for EU Industrial Policy
Gas decarbonisation package Q3 2020?
Hydrogen Strategy

Steering Committee

**WG 1:** Generation, infrastructure and storage

**WG 2:** "Greening the Gas" (H2 and Bio-methane)

**WG 3:** Hydrogen in industrial processes

**WG 4:** Fuel cells and hydrogen in end use (**4a** Mobility, **4b** Buildings)

Accompanying Measures Renewable Expansion Act

Input National Energy and Climate Plan
Discussion Points P2G in AT

Ensuring legal certainty
- Definitions
- System of guarantees of origin (RED II)

Fair levies and network charges
- Avoiding double tariffs
- Superposing network charges
- Grid-supportive behaviour
- Natural Gas Tax Act

Strengthening market players
- Through Renewable Expansion Act
- Role of TSOs and DSOs (Regulatory Sandboxes)

Overcoming technical barriers
- H2-Fitness in the gasgrid
- Quality standards
- Customer billing
- End-user units
Integrated Network Infrastructure Plan

Source: TU Wien; AGGM
Thank you!

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