



Picture courtesy of Gas Connect Austria

Advisory Panel for Future Gas Grids

Main Takeaways

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Summary of Key Points Raised

Markets

- Customer focus
- Binding Targets as part of market kick-off promotion consumption, production GHG avoidance targets
- Market structure – regulatory sandbox approach
- GOs and certificates – Track, Trace, Trade and Trust (merger)
- Market instruments to optimise system interactions
- Energy System Integration

Infrastructure

- Role of grids through out the transition – coordinated approach
- Planning for both TSO- DSOs How gas is produced – decentralised system, regions rural areas
- Coordinated planning process for retrofitting(Use L2HGas switch lessons)
- Integrate storage and LNG terminals – Regional differences
- Sketch of the backbone but also the ecosystem
- Social acceptance of repurposing, SOS effects of transition

Technical

- Cross-border
- Digitalisation - Data factors of TSOS/ DSOs at the service of the customers
- Hydrogen purity levels
- Coordinated cross-border guidelines knowledge gaps
- Predictability of GQ

Take Aways

- Ensure customer focus – industry concerns about the CO2 costs, SOS, sufficient volumes of H2 and Gas quality
- Picture the transition in stages - not only on end goal
- Task for the GQHH PM group: list the costs of existing GQ handling and digitalization services
- Task for GO PM group: include industry representatives
- Link the H2GAR, GERG's research and RESTREAM projects to discuss H2 purity levels impacts on grids to close the knowledge gaps
- Clean Hydrogen Alliance – project engineering to fulfill the strategies
- FSR – check to what extent gas market design and TSOs role could be mirrored from gas to hydrogen
- Make sure sector coupling emerging interfaces are discussed by electricity and gas side and facilitated by markets
- How the binding targets elements in RED 2 Art 25 review can practically kick start the markets



Thank you for your attention

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