QualyGridS

Standardized qualifying tests of electrolysers for grid services

Regine Reissner, DLR German Aerospace Center

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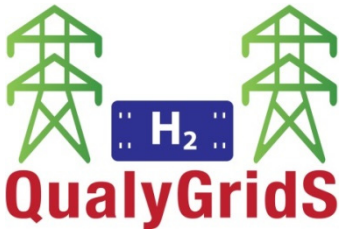
Hydrogen, Renewable Energy and the Electricity Grid



- Decarbonisation by renewable energies
- Water electrolysers converting electricity to hydrogen
- Hydrogen from renewable energy in transportation, industry, gas grid, electricity storage

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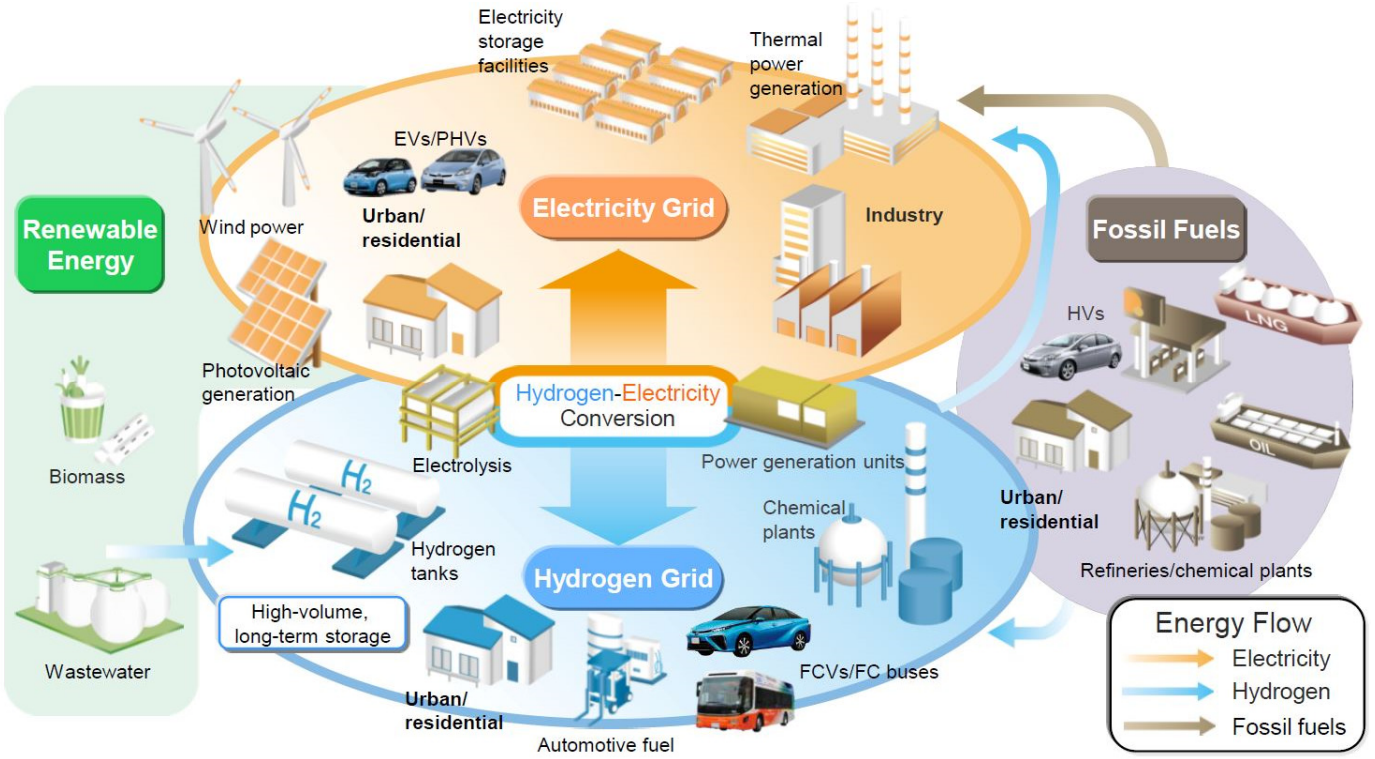

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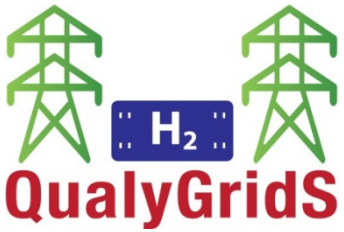
Electrolyzers and Grid Service Markets

- Strong market entry of electrolysers today still limited by costs
- Performing electricity grid services → improved revenues for electrolysers
- Approved and standardised electrolyser tests to verify which service an electrolyzer can perform → help OEMs and customers
- Market analysis for electrolysers and grid services
- This workshop should bring together people from electricity grid world and electrolyser experts

QualyGridS status



- Overview electricity grid services and electrolysers collected
- Draft of testing protocols
- Get information at our poster or on www.QualyGridS.de

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Thank you

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