



PRESS RELEASE

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High potential for Power-to-Gas in power generation – *Providing flexibility and contributing to decarbonisation*

Power-to-Gas-to-Power is a promising solution, which can contribute to solving the flexibility challenge in a system with an ever-increasing share of variable renewable energy sources - but needs a favourable framework. This was the main conclusion of the conference “Power-to-Gas: Balancing the energy system with green fuel”, jointly organised by EUGINE and EUTurbines this week.

The speakers concurred that Power-to-Gas-to-Power is a win-win situation, where excess green energy is not simply wasted but rather stored and utilised “when you need it, where you need it”, providing a reliable source to balance and further decarbonise the energy system in the future. The maturity and viability of this option, both from the system perspective as well as from the technology perspective were discussed. In the same way, the experience gained in existing pilot and demonstration projects were presented as successful examples of what can be achieved in the future.

In order for Power-to-Gas-to-Power to become a reality, the panellists emphasised the need to have the right framework, which rewards the flexibility provided by this solution and ensures the necessary incentives for investment and further development. In this sense, Tudor Constantinescu, Principal Advisor to the Director General for Energy, confirmed that flexibility will be of great importance in the future EU electricity market design. This was welcomed by the participants, who also stressed the need to have a holistic approach in the development of Europe’s future energy system, where all flexibility providers, including flexible thermal generation, can play a role - especially if by using “green gas” a carbon-lock-in effect will be avoided.

Note to the editor:

EUGINE is the voice of the European engine power plant industry. Its members are the leading European manufacturers of engine power plants and their key components. They provide forward-looking solutions for flexible electricity generation.

EUTurbines is the European association representing gas and steam turbine industry. The companies behind EUTurbines employ 70.000 people across Europe and are the global technology leaders in turbine technology used as core components in the majority of thermal power generation applications from gas to renewables.

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