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Power-to-Gas Call

Renewable Power-to-Gas (RE-P2G) technologies like renewable methane or renewable hydrogen can substitute fossil conventional and alternative fuels (natural gas or liquefied natural gas) and thus decrease the share of transport-related emissions (NOx, particles, noise, CO₂). At the same time, P2G may be an interesting option to store surplus electricity from variable renewables.

However, RE-P2G technology is still not economically feasible and there are close interactions with the increase of renewable energy sources and changes in energy infrastructures. To better understand obstacles for a further deployment of P2G-technologies, IEA-RETD has decided to commission a study. The overall objective of the project is to prepare a technology assessment of current and future Power-to-Gas (P2G) options for use in commercial vehicles, addressing technological, economic, environmental and political obstacles and possible solutions.

The Terms of Reference can be found here. The deadline for submission of proposals is Thursday 4 February 2016 at 12:00 (noon) CET.

More:

<http://iea-retd.org/archives/tenders/iea-retd-launches-call-for-proposal-for-renewable-power-to-gas-re-p2g-study>