

Letter received from the expert from Malta



9th January 2018

To The Working Party on Pollution and Energy (GRPE)
UNECE

Through the kind assistance of Eng. Guichard

Subject: Retrofitting of Hydrogen Generators

A proposal has recently reached Transport Malta for the authorisation of a process involving the retrofitting of Hydrogen Generators on existing road vehicles running on conventional petrol or diesel engines.

The proposal, presented by an Italian firm, is intended to transform water into Hydrogen through this generator, which Hydrogen would then be fed into the combustion chamber of the vehicle through the air intake. The proposal claims that this can improve the engine's performance, reduce fuel consumption and reduce certain emissions (it is unclear which) without causing any increased deterioration of the engine itself.

Moreover, the proponent claims that this retrofitting of such generators does not require any type-approval or authorisation.

Transport Malta would appreciate to know the GRPE's views on this proposal, particular with regards to any experience members of the GRPE might have with this technology and the legality of its use on existing vehicles within the European market.

Regards

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