

Transmitted by the expert from Japan

Informal document No. GRSP-56-22

(56th GRSP, 8-12 Dec. 2014,

agenda item 22(a))

**Information on Japanese National activities regarding Hydrogen Fuel Cell
Motorcycles (HFCM)**

Japan is considering introducing national legislation on Hydrogen Fuel Cell Motorcycles (HFCM). We are pleased to inform GRSP members of our plan.

Hydrogen is a promising alternative fuel which can drastically reduce CO₂ emissions compared with fossil fuels. Accordingly, the Government of Japan has been promoting Hydrogen Fuel Cell Vehicles (HFCV). National regulations for HFCV consistent with gtr 13 have already been established, and some types have been approved under the regulations.

In addition, HFCM are also expected to be introduced in the Japanese market in the coming years. Therefore, the Government of Japan decided in a Cabinet decision to start considering national legislation on HFCM, and we started discussions in November 2014.

The scope of the national legislation will be motorcycles, and will cover requirements for the body, hydrogen storage containers and their specific components, batteries etc. We will take into account existing or possible international regulations such as REESS for L categories.
