



Submitted by the expert from OICA

Informal document **GRPE-76-20**  
76<sup>th</sup> GRPE, 9-12 January 2018  
Agenda item 14

# **HD Fuel Economy Proposal to get global Harmonization**

# Background

- US, Japan and China already completed their own rules on Fuel Efficiency (FE).
- Measurement method of HDVs FE has been developed in EU. Evolutions of local rules are on going in US and Japan.
- FE rules are different among each area.
- Until now no activity for FE harmonization is started among the governments. However, harmonization of FE regulations is considered a priority by HDV Industry.
- OICA represents worldwide the automotive industry, and FE expert of manufactures among US, EU and Japan concluded that it is time to start the discussion at UNECE level to verify the possible fields where FE harmonization is possible.

## Which harmonization for FE?

The analysis performed by OICA of the current situation around the world showed that:

- several elements of existing regulations in different areas are too different to harmonize them in a short time, being influenced by differences reflecting local situation of traffic
- measurement method have less difference and could be considered as the objective for FE harmonization in a first step.

Therefore OICA suggests to explore in a **first step** the possibility to harmonize the measurement method in a new GTR

The other elements could be subject to analysis in a **second step**

# OICA Proposal

On the basis of the above considerations, OICA would like to propose to:

- Start an exchange of views among Contracting Parties on the activity to be performed to favour a first step of FE harmonization
- Assess the possibility to find Sponsor and Co-Sponsor for a future GTR
- Plan a workshop, to be organized by UNECE prior the GRPE of June 2018, for having a more comprehensive discussion on FE harmonization
- Explore the possible mechanisms for harmonizing elements of FE requirements and to report the outcome to the June 2018 GRPE session