

Agenda item 12.3
Cooperation with other
organizations

World Forum for Harmonization of Vehicle Regulations (WP.29)

- WP.29 initiated in March 2001 the development of ECE regulations on hydrogen road vehicles
 - one for liquid hydrogen road vehicles
 - one for compressed gaseous hydrogen road vehicles.

Working Party on Pollution and Energy (GRPE)

- The development of these regulations hydrogen vehicles has been assigned to the GRPE, one of the subsidiary bodies of the WP.29
- At the request of the ISO Central Secretariat, ISO/TC 22 and ISO/TC 197 have been cooperating with the GRPE on the development of regulations for hydrogen vehicles

Harmonization exercise

- Work was done to harmonize the UN ECE draft regulations on Hydrogen vehicles and the ISO draft standards
- This was done through groups of experts comprising of:
 - Experts from the GRPE Informal Group on Hydrogen and Fuel Cells Vehicles
 - ISO/TC 197 working groups experts
 - Experts from ISO/TC 22 and SAE

Status of the regulations May 2003

- The UN ECE draft regulation on road vehicles using liquid hydrogen was presented as a formal document
- The UN ECE draft regulation on road vehicles using gaseous hydrogen was presented as an informal document

Status of the regulations May 2003

- At the last GRPE meeting on 22-23 May 2003, GRPE requested its Informal Group on Hydrogen and Fuel Cell Vehicles to prepare a proposal for a concrete action plan (road map) for the assessment of the hydrogen technologies for motor vehicles and development of GTRs for hydrogen vehicles