

GRPE HYDROGEN FUEL CELL VEHICLES
H2FCV SUBWORKING GROUP ENVIRONMENT

IG Meeting Number 5
Geneva 11 January 2010

H2SGE-05-WP-02

**UN ECE - INFORMAL GRPE WORKING GROUP
HYDROGEN FUEL CELL VEHICLES
H2FCV SUBWORKING GROUP ENVIRONMENT (SGE)
5th MEETING - MINUTES
UNECE, Palais des Nations, Geneva, Room No. VII (14:30-15:30)**

Detailed Report

1. STATUS OF THE WORK

Mr Perujo, Chairman of the subgroup environment – SGE, presented the status of work HFCV-SGE subgroup. He regretted that no further activities (technical reports) had been concluded since the last IG meeting in June 2009.

The following table depicts the situation on the technical report addressing all the areas of interest for the SGE.

	FC H ₂	Hybrid		ICE Mono fuel (H ₂) Bi-fuel Blends Dual fuel
		FC	ICE-H ₂	
	Environmental & Energetic aspects			
Fuel Consumption	x	x	x	x
CO₂ emission				Bi-fuel, blends & dual fuel
External Electrical consumption		x	x	
Pollutant emissions			x (NO _x)	x
H₂ & H₂O emissions	x	x	x	x
Engine Power (measurement Procedures)	x	x	x	x
Maximum speed (measurement Procedures)	x	x	x	x
Fuel quality (reference)	x	x	x	x
Recycling	x	x	x	x
Disposal (hazardous mat.)	x	x	x	x
Noise	x	x	x	x

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Essentially three areas are left to be addressed: recycling, disposal (hazardous materials) and noise. The support from experts in these areas is sought although it has been fruitless up to now.

In order to provide input to the IG members, he presented an overview on the European Commission's current activities in this field.

Since no delegates volunteered to finalise reports in the areas concerning recyclability, disposal (hazardous material) and noise, the Chairman informed of his intention to consult the informal group's project manager, Mr. Albus, to find a solution to break this impasse and eventually to seek the advice of WP29 to resolve the situation.

2. NEXT STEPS

The Chairman proposed the following time schedule to finalise a report on the IG findings, addressing the possibility for world-wide harmonisation of each topic:

1. Draft of the summary report circulation by spring 2010;
2. IG group meeting possibly in Brussels on 25-26 March, if financial situation allows most of the IG members to travel. The EC volunteered to provide inputs from their on-going work in this area.
3. Completion of the report via email;
4. IG meeting held on the GRPE week (Monday 7 June, pm), if no consensus on the above date is achieved for reasons linked, among others, to the worldwide financial situation;
5. Presentation of the report as an informal document during the GRPE proper session in June 2010.
6. Submission of the report as a working document for approval at the GRPE in June 2011.

This document could then lead to an overall conclusion about the detail of work towards a Hydrogen gtr in the Environmental field.

The proposal was accepted by the group without any comment.

The Chairman thanked the SGE members for their participation and closed the meeting.
