

Proposal to WP.29/AC.3 Regarding the Implementation of a Roadmap for a GTR on Hydrogen Fuel Cell Vehicles

Proposed by the Co-Sponsors: Germany, Japan and the United States

Objective: The Working Party of Experts on Pollution and Energy (GRPE) has been working on a roadmap for the development of a global technical regulation for Hydrogen Fuel Cell Vehicles (HFCV). Under the roadmap, a comprehensive GTR development process will address environmental and safety concerns, including crashworthiness considerations. The Working Group on Hydrogen needs to bring together expertise in the environmental and safety areas. In order for the safety and environmental provisions to be adequately addressed, the Working Party on Passive Safety (GRSP) and GRPE will need to be fully engaged. The purpose of this paper is to outline a process through which WP.29/AC.3 can effectively implement an agreed roadmap.

Key aspects of the proposal:

- Germany will continue to lead the GTR Working Group on Hydrogen (HFCV).
 - Mr. Albus will act as the project manager coordinating and managing all aspects of the roadmap, including the structure of the GTR, setting of milestones and timelines.
- Two subgroups will be formed under the HFCV:
 - Safety HFCV subgroup (will comprise safety and crashworthiness experts). Input from researchers is vital in order to provide the supporting science for the GTR.
 - Environment HFCV subgroup (will comprise environmental experts)
- A co-chair with relevant expertise will be assigned to lead each subgroup .It was agreed by GRPE that JRC (European Commission) will chair the environment sub group. The chairmanship of the safety sub group is under consideration.
- The 2 co-chairs and the project manager will work with GRSP and GRPE on the development of the GTR, ensuring that milestones are met within the agreed timelines.
- To the extent possible, informal meetings of the subgroups should take place in conjunction with GRPE and GRSP (i.e., immediately before).
- The project manager will provide on a regular basis reports to WP.29 and AC.3, will seek guidance on issues from WP.29/AC.3 and will relay that guidance to the subgroups and the GRs.
- Once the work is completed and consensus is reached by GRSP and GRPE on recommended GTR, the project manager working with the co-chairs will consolidate the provisions, prepare the necessary documentation (i.e., preamble, final report, etc.) and provide the final recommended GTR to the WP.29 and AC.3 for establishment under the 1998 Global Agreement

Organizational Chart for the Implementation of the Roadmap for the Development of a GTR on Hydrogen Fuel Cell Vehicles

