

Path forward, new EVE mandate, Part A

Objective: To further develop the recommendations for future work outlined in the Electric Vehicle Regulatory Reference Guide by:

- a) Conducting additional research to support the recommendations;
- b) Identifying which recommendations are suitable for the development of a global technical regulation(s) (gtr(s)) by the World Forum for Harmonization of Vehicle Regulations (WP.29); and,
- c) Drafting a first high-level agenda in this respect. Developing a work plan, which will identify which group(s) within the WP.29 forum that are most equipped to develop the gtrs identified in b). GRPE will identify the IWGs, which are most equipped to develop the corresponding gtrs, if appropriate on the basis of a proposal developed jointly by experts from EVE, WLTP, L-EPPR and HDH (as applicable).

In addition, as proposed by the GRPE Chair, the group will also investigate power determination of the powertrain performance (max. power and torque) for EVs.

Approach:

For ~~each of~~ the following Recommendations outlined in Chapter 5 of the Guide and powertrain performance determination, an interested party or organisation to lead the work for a) and b) above will be identified:

- 5.1 Vehicle range and energy consumption testing
 - Proposed lead: _____
- 5.2 Method of stating energy consumption
 - Proposed lead: _____
- 5.3.1 Battery performance and durability
 - Proposed lead: _____
- 5.4.2 Battery recycling
 - Proposed lead: _____
- 5.3. Determining the powertrain performance (max power and torque) of EVs
 - Proposed lead: _____ Mr. Hans Holdik (DE)

Using the Guide as a starting point, the lead party or organisation will work with others who are interested to first develop a strategy for work to complete a) and b) above, and present this some first ideas at the EVE face-to-face meeting in October 2014. A status report by the leads can be presented at the January 2015 EVE/GRPE meeting, at which point the development of a workplan ((c)) can be initiated/discussed.

Proposed Next Steps and Timeline:

- August 2014:
 - Distribute 'Path forward' document to EVE group for consideration
 - August 19th: Leadership call to discuss response on the Path forward from EVE group
 - ~~End August: Confirm leads for each recommendation~~
- September 2014:
 - 11th EVE meeting (**September 29, 2014; teleconference**); ~~leads report on group discusses~~ concept for work and develops ideas to complete a) and b) above.
- October 2014:
 - Mid October: Confirm leads for each recommendation.
 - 12th EVE meeting (**October 28-29, 2014; Brussels**); ~~leads report on start discussions on~~ a strategy to complete a) and b) above.
 - Work on a) and b) above initiates.
- November 2014:

Path forward, new EVE mandate, Part A

- Approval of the EV Regulatory Reference Guide and the new EVE IWG mandate by AC.3
- January 2015:
 - January GRPE: Face-to face EVE meeting; leads give a status report on a) and b) above and discussion of a work~~plan~~ ((c)) can be initiated.
- January - June 2015:
 - EVE IWG continues work on Part A of the mandate, develops a detailed workplan and drafts request(s) for gtr development.
 - Consultation with the WLTP, including the WLTP-E-Lab. sub-group and, as well as as well as the L-EPPR informal working group and the former HD Hybrid group experts¹ will be consulted. WLTP co-sponsors (Japan and the European Commission) to determine if an 'EV expert group' is required ~~to complete work.~~
- June 2015:
 - EVE IWG presents first draft informal documents on status of Part A and proposed gtr request(s) for Part B to GRPE; ~~endorsement by GRPE.~~
 - EVE IWG presents informal documents on status of Part A and proposed gtr request(s) for Part B for consideration-review by AC.3
- November 2015:
 - ~~Approval of the Part B EVE IWG gtr requests by AC.3; new work initiates.~~
 - Status report to AC.3
- January 2016
 - endorsement by GRPE informal documents on status of Part A and proposed gtr request(s) for Part B to GRPE.
 - Approval of the Part B EVE IWG gtr requests by GRPE; new work initiates.
- March 2016
 - Status report to AC.3
- June 2016
 - Adoption final report part A by GRPE and AC.3
 - Approval of the Part B EVE IWG gtr requests by AC.3

¹ The HDH group currently does not have a mandate but might take up its activities again upon request of GRPE