

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) Developing a workplan, which will identify which group(s) within the WP.29 forum that are most equipped to develop the gtrs identified in b).

In addition, as proposed by the GRPE Chair, the group will also investigate power determination for EVs.

Approach:

For each of the Recommendations outlined in Chapter 5 of the Guide and power 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: Japan, European Commission
- 5.2 Method of stating energy consumption
 - Proposed lead: China
- 5.3 Battery performance and durability
 - Proposed lead: Recharge, USA, Canada
- 5.4 Battery recycling
 - Proposed lead: OICA
- Determining the power of EVs
 - Proposed lead: Korea

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 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.

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 concept for work to complete a) and b) above.
- October 2014:
 - 12th EVE meeting (**October 28-29, 2014; Brussels**); leads report on a strategy to complete a) and b) above.
 - Work on a) and b) above initiates.
- November 2014:
 - 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 workplan ((c)) can be initiated.

Path forward, new EVE mandate, Part A

- 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 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 informal documents on status of Part A and proposed gtr request(s) for Part B to GRPE; endorsement by GPRE.
 - EVE IWG presents informal documents on status of Part A and proposed gtr request(s) for Part B for consideration by AC.3
- November 2015:
 - Approval of the Part B EVE IWG gtr requests by AC.3; new work initiates.

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