

Electric Vehicles and the Environment (EVE IWG)

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REPORT TO GRPE 68TH SESSION

Activities to Date

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- Review and acceptance of group TOR
- Roundtable discussions to establish working priorities and methodology
- Various presentations relating to the EV questionnaire and Guide development
 - Development of the questionnaire document
 - Summary and review of responses
 - Presentation on completed questionnaires (4 presented to-date)
 - Summary presentations of Guide drafts
- Presentations aimed at information sharing
 - Presentations by representatives of related IWGs at meetings: EVS, WLTP, HDH, VPSD, and EPPR
 - Presentations from industry, NGO's, and technical experts (16 presented to-date)
 - Presentations of national frameworks by appropriate country representatives (4 presented to-date)

EVE #7 Meeting Summary, Beijing

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- **Review draft 1 of the Guide, focus on Section 3:**
 - Deadline for revised input for Section 3 was established
 - New wording and revised recommendations for Section 4 and 5
 - See EVE-08-05e for summary of changes
- **Updates from other GRPE informal working groups: WLTP, EVS, VPSD, HDH, EPPR**
- **EV information sharing presentations by China, Korea:**
 - EV Battery Durability (China)
 - New EV policies in China and EV testing results (China)
 - Infrastructure and Standards Status in China (China)
 - Introduction of system power concept and its application (Korea)
 - Korea Green Car Fuel Economy Schemes (Korea)
 - Wireless Power Charging (China)

EVE #8 Meeting Summary, Geneva

- Review draft 3 of the Guide, focus on Section 5:
 - Recommendations maintained in EVE-08-03e
 - ✦ Vehicle range and energy consumption testing
 - ✦ Method of stating energy efficiency
 - ✦ Battery performance and durability
 - ✦ Battery recycling
 - Minor revisions were made to EVE-08-03e and it was submitted as an informal document to GRPE for the 68th session
 - Comments on this informal document are due February 3rd, 2014
- Request was made for EVE to consider utility factors

EVE #8 Meeting Summary, Geneva

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- **Meeting between EVE and WLTP leadership**
 - Objective of the meeting was to ensure there is no duplication of work moving forward on recommendations in the reference guide
 - Both groups agreed to continue discussing options moving forward to achieve this objective
 - European Commission committed to providing a proposal for how the EVE and the WLTP may work together in the future with a focus on future work and potential gtr activities.

Upcoming EVE Meetings

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- **Feb.17-18th, 2014: 9th EVE meeting in Ann Arbor Michigan**
 - The purpose will be to finalize the Guide for formal submission to the GRPE
 - Updates from other GRPE IWGs: WLTP, VPSD, HDH, EVS
 - Information sharing presentations
 - Consideration of EVE mandate extension
- **March 1st, 2014:**
 - Deadline for submission of the EV Guide as a formal document to the GRPE
- **June, 2014 GRPE session: 10th EVE meeting in Geneva during the GRPE session (Monday, 2.6.2014, 2:30 ~ 5:30 PM)**
 - Anticipated approval of the EV Guide
 - Consideration of the EVE mandate extension, as applicable
- **November 2014 WP.29 session:**
 - Anticipated approval of the EV Guide
 - Consideration of the EVE mandate extension, as applicable