

**Report of the 10<sup>th</sup> Session of the  
Electric Vehicles and the Environment Informal Working Group (EVE IWG)**

Location: Geneva, Switzerland  
Time / Date: 2:30 p.m. - 5:30 p.m., June 2, 2014  
Chair: Mr. Michael Olechiw (USA)  
Co-Chairs: Mr. Kazuyuki Narusawa (Japan)  
Mr. Meng Xiangfeng (China, on behalf of Ms. Chen Chunmei, participated by phone)  
Secretary: Ms. Erin Marchington (Canada, acting Secretary), Mr. Stéphane Couroux (Canada, participated by phone).

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**1. Welcome, Introductions, Logistics and Agenda (item 1)**

Mr. Michael Olechiw, Chair of the informal working group, welcomed participants to the meeting. The meeting was well attended, with over 50 participants from contracting parties, other WP.29 working groups, and industry organizations. In addition to Mr. Olechiw, Mr. Narusawa (Co-Chair) and Ms. Marchington (acting Secretary) were present at the meeting, and Mr. Meng Xiangfeng (Co-Chair, acting on behalf of Ms. Chunmei) and Mr. Couroux (Secretary) participated in the meeting by teleconference.

Mr. Olechiw outlined the primary goals for the meeting, which were to: a) review changes made to the EV Regulatory Reference Guide from the EVE-9 meeting (February 2014) to its submission as a formal document to the GRPE Secretariat (early March 2014), ECE/TRANS/WP.29/GRPE/2014/13, and b) discuss a new EVE mandate proposal, informal document GRPE-69-14.

The agenda for the meeting (EVE-10-02e) was reviewed and accepted by all participants. The final agenda for the meeting (EVE-10-02-Rev1e) contains an updated list of Agenda item 5 presenters.

**2. Review EVE IWG #9 Meeting Report (item 2)**

Speaking to agenda item 2, Ms. Marchington reviewed document EVE-09-12e with a focus on action items. Ms. Marchington detailed which action items were completed or ongoing, including:

- EVE-9 Action 1, completed: The EVE Secretariat will revise draft 4 of the Guide according to EVE-9 discussion to produce draft 5, which will then be distributed to the EVE IWG for one week to allow for final comments.
- EVE-9 Action 2, completed: The EVE Secretariat will revise draft 5 of the Guide according to comment received, prepare a final draft of the Guide, and submit this to the GRPE Secretariat by March 7th, 2014.
  - See formal GRPE document ECE/TRANS/WP.29/GRPE/2014/13
- EVE-9 Action 3, completed: The US and China will draft a new EVE mandate proposal, informed by the European Commission's proposal (EVE-09-08e) and share this with the Commission prior to the next EVE meeting (EVE-10).

- Prior to the EVE-10 meeting, the new EVE mandate proposal was drafted and agreed to by the EVE leadership. The document was then distributed to European Union and GRPE Chair for comment and submitted informally to the GRPE Secretariat (GRPE-69-14).
- EVE-9 Action 4, completed: The EVE Secretariat will follow-up with the GRPE Chair to clarify the timeline and process for completing a new EVE mandate request and ensure the proposal developed following the correct procedure.
  - Prior to the EVE-10 meeting, the EVE Secretariat was informed by the GRPE Chair that the following process would be ideal for approval of a new EVE mandate request: announcement to AC.3 about the upcoming request at the March 2014 WP.29 session, consideration of an informal document at the June 2014 GRPE and WP.29 sessions, and final adoption of the mandate document at the November 2014 WP.29 session.
- EVE-9 Action 5, completed: The EVE Secretariat will revise the EVE-10 agenda as required and post meeting documents on the EVE website closer to the meeting.

### **3. EV Reference Guide (item 3)**

Discussion on the Guide under agenda item 3 was based on formal document ECE/TRANS/WP.29/GRPE/2014/13.

Mr. Olechwiw introduced the document and the purpose of the discussion, which was to review changes made to the EV Regulatory Reference Guide from the EVE-9 meeting (February 2014) to its submission as a formal document to the GRPE Secretariat (early March 2014).

Ms. Marchington reminded the EVE IWG that during the EVE-9 meeting, the approach to review draft 4 of the Guide (EVE-09-03e) was to go through each chapter line-by-line to review comments received, to check if any meeting attendees had any new comments, and to ensure concurrence with wording from the EVE IWG. Details of this review, including all comments, the originator of each comment, and action taken as a result of the comment to produce a revised Guide (draft 5) are summarized in Appendix 1 of the EVE-9 meeting report (EVE-09-12e). Ms. Marchington also reminded the group that at the end of the EVE-9 meeting, participants agreed in principle with the whole document. Draft 5 of the Guide was then circulated for comment, and revised based on comments received, producing draft 6 or the final version of the Guide (ECE/TRANS/WP.29/GRPE/2014/13).

A document comparing draft 4 of the Guide to draft 6 (ECE/TRANS/WP.29/GRPE/2014/13) was reviewed with EVE-10 participants, and key changes to text were highlighted. Several minor changes to the Guide were suggested during this discussion, but the EVE leadership decided not to make any further changes to the Guide. The comments and the rationale for not adjusting Guide are listed below:

- Addition of a phrase or table indicating the contracting parties that provided information in order to clarify maps –Participants in the Guide are detailed in Figure 4 and 5, Section 2.2 Methodology.
- Adjustment to paragraph 33, EU Labeling information – This information was provided by the contracting party.
- Change to name of recommendation 5.2, Method of Stating Energy Consumption – This was discussed at length during revisions of Draft 4 and 5.
- Clarification of ‘emissions’ in paragraph 83. a) - This can be considered if future work is pursued on this recommendation.

Finally, Mr. Olechiw also reminded the EVE IWG that during the 69<sup>th</sup> GRPE session later in the week there would be the final discussion of the Guide and anticipated approval; the Guide will then go to AC.3 for approval, which is anticipated at the November 2014 WP.29 session.

ACTION 1: Pending GRPE approval, the EVE Secretariat will facilitate the submission of the Guide as a formal document for the November 2014 WP.29 session.

#### **4. New EVE mandate proposal (item 4)**

Discussion on the new EVE mandate proposal under agenda item 4 was based on informal document GRPE-69-14.

Mr. Olechiw introduced GRPE-69-14 and the purpose of the discussion, which was to discuss continued work by the EVE IWG under a new mandate that would start in November 2014. During the EVE-9 meeting in February, 2014, there was agreement by the EVE group that continued work in a new mandate was desired; the recommendations in the Guide indicate potential future work that could be explored. Prior to the EVE-10 meeting, a new mandate document was drafted and agreed to by Canada, China, Japan, USA (EVE leadership), and it was subsequently distributed to EU and GRPE Chair for comment and submitted informally to the GRPE Secretariat (GRPE-69-14).

During the EVE-10 meeting, comments from parties on GRPE-69-14 were discussed at length; these comments are detailed below, along with the final decision by the EVE leadership on the comments, which resulted in informal document (GRPE-69-14, rev1):

- GRPE Chair – Delete Section 3, para.6, ii. and remove ‘Part B’ from the text
  - As Section 3, para.6, ii. is text that was agreed to in first EVE mandate, this was not deleted.
  - Part B was maintained in the text (see China’s comments below).
- EU – Agreement with GRPE Chair comments and requested modification of text on the ‘EV expert group’ in Section 3, para.6, iv
  - After further discussion with EU, text on ‘EV expert group’ was not adjusted.
- China – ‘Part B’ should be included in the text
  - Part B was maintained in the text.
  - To address EU and GRPE Chair concerns, minor revisions to the text and timeline were made to satisfy the desire for flexibility and include the request for AC.3 approval (GRPE-69-14, rev1).
- OICA – Ensure coordination with WLTP and E-Lab. sub-group timelines
  - This coordination is noted in the Timeline and Section 3, para.6, iii.

Also, there was agreement that the new EVE group should maintain the current leadership structure. During the EVE-10 meeting, the European Union was unsure if they would like to be a co-sponsor of the work, so the square brackets in the text were maintained.

Finally, Mr. Olechiw reminded the EVE IWG that during the 69<sup>th</sup> GRPE session later in the week there would be discussion of the informal new EVE mandate proposal (GRPE-69-14, rev1); although formal GRPE approval of the mandate is not required, agreement by the GRPE is desired. The proposal would then be tabled for informal discussion at the June 2014 WP.29 session and formal approval at the November 2014 WP.29 session.

ACTION 2: Pending GRPE approval, the EVE Secretariat will facilitate the submission of the new EVE mandate document as an informal document for the June 2014 WP.29 session and as a formal document for the November 2014 WP.29 session.

**5. Update on other Informal Working Groups (IWGs) (item 5)**

Mr. Olechiw led a roundtable discussion of work related to EVs occurring in five other WP.29 IWGs: an update was given by Tetsuya Niiikuni on the Worldwide harmonized Light duty Test Procedure (WLTP) IWG, by Mr. Kazuyuki Narusawa on the Electric Vehicle Safety (EVS) IWG, by Mr. Bill Coleman on the Vehicle Propulsion System Definitions (VPSD) IWG, and Ms. Marchington gave updates provided by Mr. Petter Asman on the Heavy Duty Hybrid (HDH) and Environmental Propulsion and Performance Requirements (EPPR) IWGs.

**6. EV information sharing presentation (item 6)**

Mr. Peter Mock, representing the International Council on Clean Transportation (ICCT), presented EVE-10-03e, "ICCT Report on EV Financial Incentives", which was well received.

**7. Next EVE meeting and draft agenda (item 7)**

At the time of the EVE-10 meeting, it was unclear if a future EVE meeting would be held, as this requires the approval of a new EVE mandate by AC.3. Therefore, a draft agenda was not discussed. If the new EVE mandate was approved by AC.3 in November 2014, a meeting could be held shortly after; or, pending GRPE agreement with GRPE-69-14, rev1 and advice of the GRPE Chair, the next EVE meeting could be held in the fall.

ACTION 3: The EVE Secretariat will approach the GRPE Chair for advice on timing of the next EVE meeting and inform the EVE group as required.

**8. Concluding remarks, Closing (item 8)**

Mr. Olechiw thanked participants for attending and then closed the meeting.