

**Report of the 11th Session of the
Electric Vehicles and the Environment Informal Working Group (EVE IWG)**

Location: Teleconference
Time / Date: 06:00 - 08:00 EDT, September 29, 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)

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 25 participants from contracting parties, other WP.29 working groups, and industry organizations. In addition to Mr. Olechiw, Ms. Marchington (acting Secretary), Mr. Narusawa (Co-Chair), and Mr. Meng Xiangfeng (Co-Chair, acting on behalf of Ms. Chunmei) were present at the meeting.

Mr. Olechiw outlined the primary goals for the meeting, which were to: a) discuss comments received on the Path Forward for Part A of the new EVE mandate (EVE-11-03e), and b) if possible, confirm the EVE-11-03e Approach and identify leads for each topic area of the new EVE mandate. The EVE-11 meeting was organized in preparation for the face-to-face EVE-12 meeting in Brussels on Oct.28-29, 2014, when it is anticipated the EVE-11-03e document will be finalized and concepts and strategies for work on the topic areas can be discussed.

The agenda for the meeting (EVE-11-02e) was reviewed and accepted by all participants.

2. Review EVE IWG #10 Meeting Report and the 69th GRPE and 163rd WP.29 discussions related to EVE IWG (item 2 and 3)

Speaking to agenda item 2, Ms. Marchington reviewed document EVE-10-04e. The EVE group was reminded of the two goals of the EVE-10 meeting, which were to review changes to the EVE Guide made prior submitting it as a formal GRPE document in March 2014 (ECE/TRANS/WP.29/GRPE/2014/13) and to discuss a draft of the new EVE mandate proposal (GRPE-69-14).

Ms. Marchington reviewed the status of the EVE-10 action items, which were completed following the 69th GRPE meeting discussions:

- EVE-10 Action 1, completed: Pending GRPE approval, the EVE Secretariat will facilitate the submission of the Guide as a formal document for the November 2014 WP.29 session.
 - As a result of discussion during the EVE-10 meeting, document ECE/TRANS/WP.29/GRPE/2014/13 was not modified for discussion during the 69th GRPE meeting. This document was approved for transmission to WP.29 (ECE/TRANS/WP.29/2014/81).

- EVE-10 Action 2, completed: 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.
 - As a result of discussion during the EVE-10 meeting, document GRPE-69-14 was revised to GRPE-69-14, rev 1 for discussion during the 69th GRPE meeting. This document, with minor amendments, was agreed on in principle by the GRPE forum. The amended document (WP.29-163-13) was informally presented during the 163rd WP.29 meeting and WP.29 agreed to consider the mandate formally during the November 2014 meeting (ECE/TRANS/WP.29/2014/88).
- EVE-10 Action 3, completed: The EVE Secretariat will approach the GRPE Chair for advice on timing of the next EVE meeting and inform the EVE group as required.
 - The Chair gave his approval for the EVE group to meet prior to the November WP.29 discussions.

In summary, Mr. Olechiw reminded the EVE group that extensive discussions regarding the new EVE mandate document had already taken place at the EVE and GRPE levels and informally at the WP.29 level.

3. Review of the current new EVE mandate (item 3) and Path forward document (item 4)

To finalize discussion under agenda item 3, Ms. Marchington reviewed the current draft of the new EVE mandate (ECE/TRANS/WP.29/2014/88). Speaking to agenda item 4, the correlation between the new EVE mandate (ECE/TRANS/WP.29/2014/88) and the Path Forward for Part A (EVE-11-03e) was clarified: EVE-11-03e outlines the objective, approach and timeline for Part A of the new EVE mandate.

Ms. Marchington recalled that the EVE-11-03e document was sent to the EVE group for comment in early August 2014 and comments were received into September 2014. Organizations and contracting parties were requested to identify in their feedback if they were interested in lead a topic area under the new EVE mandate. The leads identified in the EVE-11-03e document were based on feedback received, with the exception of the European Commission, who was requested to participate in the '5.1 Vehicle range and energy consumption' topic area with Japan, due to their involvement in the WLTP work.

4. Roundtable discussion of comments on the Path forward for Part A of the new EVE mandate (EVE-11-03e, item 4)

Mr. Olechiw informed the EVE group that all comments received on the EVE-11-03e document were posted on the EVE-11 meeting website (documents EVE-11-04 → EVE-11-11e), excluding comments verbally expressed by Japan, which were reiterated during the EVE-11 meeting.

Mr. Olechiw summarized that comments received from organizations and contracting parties fell into three categories: proposals for leads of topic areas, proposals for future work under the topic areas, and changes (minor and significant) to the structure of document EVE-11-03e, and consequently, the structure of the new EVE mandate (ECE/TRANS/WP.29/2014/88).

Mr. Olechiw opened the roundtable discussion on EVE-11-03e. The following issues, which are organized by headings in the EVE-11-03e document, were discussed and actions agreed upon:

Objective

Changes to the text under 'Objective' c) were proposed by the European Commission, (EVE-11-10e) to reflect the need for a joint group of experts to develop a workplan for potential GTR

development; they stipulated the EVE group should not lead workplan development or decide which informal working groups should complete GTR development. Japan agreed that the GRPE forum should decide which informal groups would complete GTR work, but that the EVE group could inform this decision. Mr. Olechiw proposed that clarification to the EVE-11-03e document could resolve some of the Commission's concerns, but that further discussion of the need for an additional expert group was needed.

ACTION 1: The EVE Secretary will clarify the EVE-11-03e to articulate the GRPE forum would be the decision-maker concerning which informal working groups would complete proposed GTRs identified in the work plan.

ACTION 2: The EVE Secretary will add to the EVE-12 agenda a discussion on the proposed need for an additional expert group for workplan development.

Changes to the last line of text under 'Objective' were proposed by the European Commission to clarify the power determination of EVs (EVE-11-10e). The group discussed and accepted the proposed text changes.

ACTION 3: The EVE Secretary will amend the last line of text under 'Objective' in EVE-11-03e to clarify the power determination.

Approach

Editorial changes to the first line of text under the 'Approach' were proposed by the European Commission (EVE-11-10e). The group discussed and accepted the proposed text changes.

ACTION 4: The EVE Secretary will amend the first line of text under the 'Approach' in EVE-11-03e.

Deletion of topic 5.1, Vehicle range and energy consumption, in EVE-11-03e was proposed by the European Commission (EVE-11-10e) because of expected overlap of this work with the work of other informal working groups (WLTP, EPPR, HDH, etc.). The Commission also requested their name removed from the list of proposed leads. Ms. Marchington clarified that the scope of work under topic 5.1 would be informed by Section 5.1 in the EVE Guide (ECE/TRANS/WP.29/2014/81), and that all titles of topic areas in EVE-11-03e were from Section 5 of the Guide. The group discussed whether or not there would be overlap between topic 5.1 and work of the WLTP group; there was a lack of clarity on whether the current and future work of WLTP would overlap with topic 5.1. Japan informed the group that Phase 2 of the WLTP mandate was not yet decided. Mr. Olechiw proposed additional text be added to EVE-11-03e to clarify the connection between the topic areas, Recommendations in the EVE Guide, and the new EVE mandate. Recognizing the need for information on current and future work of the WLTP group, he requested a member of WLTP attend and give a presentation at the EVE-12 meeting, where this issue would be further discussed. Mr. Per Öhlund agreed to this request.

ACTION 5: The EVE Secretary will add and amend text to EVE-11-03e to clarify the connection between the topic areas, Recommendations in the EVE Guide, and the new EVE mandate, and delete the European Commission from the list of proposed leads for topic 5.1.

ACTION 6: Mr. Per Öhlund will attend the EVE-12 meeting and present on WLTP current and anticipated future work related to topic area 5.1.

ACTION 7: Japan will prepare a short presentation to outline the scope of work on topic 5.1 for discussion during the EVE-12 meeting.

ACTION 8: The EVE Secretary will add to the EVE-12 agenda a discussion on the proposed deletion of topic 5.1.

Deletion of topic 5.2, Method of stating energy consumption, in EVE-11-03e was proposed by the European Commission (EVE-11-10e) because of expected overlap of this work with the work of other informal working groups (WLTP, EPPR, HDH, etc.). Ms. Marchington clarified that the scope of work under topic 5.2 would be informed by Section 5.2 in the EVE Guide (ECE/TRANS/WP.29/2014/81). The group discussed whether or not there would be overlap between topic 5.2 and work of the WLTP and other IWGs group; given the work outlined in Section 5.2, there was a lack of understanding of how this work would overlap with that of other IWGs. Japan stated their position on this work was that it was not suitable for WP.29, but that if a party was interested in leading the work, they would not oppose it. Mr. Olechiw requested further discussion on this issue during the EVE-12 meeting and for China to prepare a short presentation to outline the scope of work on topic 5.2 for discussion during the EVE-12 meeting.

ACTION 9: China will prepare a short presentation to outline the scope of work on topic 5.2 for discussion during the EVE-12 meeting.

ACTION 10: The EVE Secretary will add to the EVE-12 agenda a discussion on the proposed deletion of topic 5.2.

The group discussed and accepted the proposed leads (USA and Canada, with the support of Recharge) for topic 5.3, Battery performance and durability.

ACTION 11: USA and Canada, with the assistance of Recharge, will prepare a short presentation to outline the scope of work on topic 5.3 for discussion during the EVE-12 meeting.

The group discussed and accepted the proposed leads (OICA) for topic 5.4, Battery recycling. The group discussed the issue of recycling vs. recyclability. Japan stated their opposition to the discussion of recyclability in the form of a UN Regulation. Mr. Olechiw reminded the group that future regulatory development for each topic would be decided at the end of Part A of the new EVE mandate.

ACTION 12: OICA will prepare a short presentation to outline the scope of work on topic 5.4 for discussion during the EVE-12 meeting.

The group discussed and accepted the proposed leads (Korea and Germany) for the topic of determining the power of EVs.

ACTION 13: Korea and Germany will prepare a short presentation to outline the scope of work on determining the power of EVs for discussion during the EVE-12 meeting.

ACTION 14: The EVE Secretary will add Germany to the list of proposed leads for the topic of determining the power of EVs in EVE-11-03e.

Editorial changes to the paragraph of text under the 'Approach' were proposed by the European Commission (EVE-11-10e). The group discussed and accepted the proposed text changes.

ACTION 15: The EVE Secretary will amend the first line of text under the 'Approach' in EVE-11-03e.

Timeline

Changes to the text under 'Timeline' were proposed by the European Commission (EVE-11-10e) to extend Part A to June 2016. Mr. Olechiw requested further discussion on this issue during the EVE-12 meeting due to limited time for discussion.

ACTION 16: The EVE Secretary will add to the EVE-12 agenda a discussion on the proposed changes by the Commission to the Timeline in EVE-11-03e.

In summary, there was agreement by the group that finalizing the Path forward for Part of the new EVE mandate (EVE-11-03e) during the EVE-12 meeting was desirable, to ensure that any minor adjustments required to ensure correlation between EVE-11-03e and the new EVE mandate document (ECE/TRANS/WP.29/2014/88) could be completed prior to the November 2014 WP.29 meeting.

ACTION 17: The EVE Secretary will complete minor revisions (if needed) to ECE/TRANS/WP.29/2014/88 after the EVE-12 meeting, prior to the November 2014 WP.29 meeting.

5. Discuss EVE-12 meeting and draft agenda (item 5)

Ms. Marchington presented the draft agenda for the EVE-12 meeting (EVE-11-12e), Oct.28-29, 2014 in Brussels and reviewed the additional items that would be adding as a result of the action items discussed above.

ACTION 18: The EVE Secretary will revise and post the draft agenda and related documents for the EVE-12 meeting on the UNECE EVE website.

6. Concluding remarks, Closing (item 6)

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