

Method of stating energy consumption

Discussion of path forward

Updates Summary

- Group of Experts on Energy Efficiency (GEE) and Sustainable Energy Division
 - Interested in the topic of assessing energy consumption and upstream emissions of electrified vehicles to explore possible synergies despite existing resource constraints
 - **Request:** Possibility of the leadership team of the EVE IWG to attend the next GEEE session (October 31 – November 1 2017) to present an informal document on resources for energy consumption and upstream emissions of electrified vehicles
 - **Outcome:** Romain Hubert to give a brief introduction on the current situation and the structure of the WP.29/GRPE/EVE and give a presentation prepared by EVE IWG on the energy consumption details

Email Correspondence

From: Giallonardo, Andrew (EC)

Sent: October 3, 2017 4:13 PM

To: Miquel Gangonells

Cc: Olechiw, Michael; Tetsuya Niikuni; Chen Chunmei; 'Rijnders, André'

Subject: RE: Request for GEEE to consider continuing development of model to assess upstream emissions from electrified vehicles

Hi once again Miquel,

I hope your holidays treated you well.

Due to the significant costs associated with travel from east Asia and North America to Geneva, there is no-one within the EVE leadership that has been able to secure authorization to travel to attend the GEEE meeting in person on October 31 – November 1.

We have two alternative solutions which were discussed at an EVE teleconference in mid-September.

1. We could have someone from the EVE leadership committee present via teleconference/WebEx. We view this as a less than idea option, since we are unsure what type of teleconference/WebEx capability the GEEE will have at their meeting.
2. We were wondering if you would be willing to present on the call as GRPE Secretariat, given that you had already proposed to give a short introduction on the current situation and structure of WP.29/GRPE/EVE as highlighted below? André was on the mid-September EVE call as well, and he agreed that it would be appropriate for you to present the entire content as Secretariat of GRPE, if you are available.

The EVE IWG would develop speaking points and a short PowerPoint presentation to aide in your explanation.

If teleconference functionality is expected to be available, member(s) of the EVE IWG leadership could also be on the call to answer questions.

Please let us know your thoughts on this possible path forward,

Andrew

From: Miquel Gangonells [<mailto:Miquel.Gangonells@unece.org>]

Sent: July 12, 2017 11:41 AM

To: Giallonardo, Andrew (EC)

Cc: 'Michael Olechiw; niikuni@ntsel.go.jp; chencm@miit.gov.cn; Oleg Dzioubinski (oleg.dzioubinski@unece.org); Timothy (Tim) Clifford Farrell - Copenhagen Centre on Energy Efficiency (tifa@dtu.dk); Scott Foster; Walter Nissler

Subject: Request for GEEE to consider continuing development of model to assess upstream emissions from electrified vehicles

Dear Andrew,

Our colleagues from the Sustainable Energy Division contacted us with regard to your email below. Walter and I had a meeting with Oleg Dzioubinski, programme manager for energy efficiency and secretary of the Group of Experts on Energy Efficiency (GEEE), and Scott Foster, Director of the Sustainable Energy Division (in copy to this email). They informed us that even though assessing energy consumption and upstream emissions of electrified vehicles is not in their area of activities yet, they are interested in the topic and in exploring possible synergies despite existing resource constraints. Please note that for GEEE to pursue this new activity additional resources would need to be found as currently has no capacity to do that. They kindly offered a possibility to the leadership team of the EVE IWG to attend the next GEEE session (31 October-1 November 2017) and to present an informal document summarizing your email below. The presentation would be an opportunity to see the first reaction of the experts of GEEE, without any commitment at this stage, and to open a discussion on this relevant topic between transport and energy experts through the UNECE Transport and Sustainable Energy Divisions. The informal document should come from an official Working Party within the UNECE Secretariat, so it could be framed under the umbrella of GRPE/WP.29. If you agree to proceed this way, I suggest that I give a brief introduction on the current situation and the structure of WP.29/GRPE/EVE, so then you can proceed to present the substance on the work carried out by the EVE IWG up to now and possible follow-up activities.

I look forward to hearing from you.

Best regards,

Mr. Miquel Gangonells

Secretary to the Working Party on Pollution and Energy (GRPE), Sustainable Transport Division
United Nations Economic Commission for Europe

Good Day Mr. Dzioubinski and Mr. Farrell,

Please allow me to introduce myself. I am the Secretary of the Electric Vehicles and the Environment Informal Working Group (EVE IWG), a subsidiary of the Working Party on Pollution and Energy (GRPE) under the World Forum for the Harmonization of Vehicle Regulations (WP.29). I am reaching out on behalf of the EVE IWG leadership, which includes Mr. Mike Olechiw (Chair from U.S.A.), Mr. Tetsuya Niikuni (Co-chair from Japan) and Ms. Chen Chunmei (Co-chair from China) in addition to myself (Secretary from Canada).

The EVE IWG is reaching out to ask the GEEE to consider assuming responsibility for the work of developing a method of assessing the energy consumption of electrified vehicles, including upstream emissions with the full support of the EVE IWG as experts in the performance of electrified vehicles.

Part A of the second mandate of the EVE IWG concluded in December 2016, and Part B was authorized in November 2016. Part A had 4 main areas of work:

- Determining the power of electric vehicles
- Electric vehicle durability
- Battery recyclability
- Method of assessing energy consumption including upstream emissions

In particular, I am writing in relation to the final item, the method of assessing energy consumption including upstream emissions. The attached Word document was written by our Chinese colleagues who led the work on this subject, and summarizes the progress to date, the rationale for our outreach to the GEEE, and the support role envisioned for the EVE moving forward.

Additional background information is located on pages 27-33 of the status report submitted to WP.29, document number WP.29-170-31 at the link below. The Excel model can be found as document number WP.29-170-30 and a details description of the model can be found in document number WP.29-170-29.

<http://www.unece.org/trans/main/wp29/wp29wgs/wp29gen/geninf170.html>

As a final piece of information, I have attached a link to the formal document number ECE/TRANS/WP.29/2016/116, which authorized Part B of the EVE IWG's mandate and authorized the EVE IWG to reach out to the GEEE on pages 4 and 5.

<http://www.unece.org/fileadmin/DAM/trans/doc/2016/wp29/ECE-TRANS-WP29-2016-116e.pdf>

The leadership of the EVE IWG appreciates your consideration of this request, thank you.

Andrew Giallonardo, P. Eng.

Chef, Élaboration de réglementation sur les véhicules léger, [Direction générale de la protection de l'environnement](#)

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