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Cc: [Olechiw, Michael](mailto:olechiw@mit.gov.cn); niikuni@ntsel.go.jp; chencm@miit.gov.cn
Subject: Request for GEEE to consider continuing development of model to assess upstream emissions from electrified vehicles
Date: Tuesday, May 02, 2017 3:34:35 PM
Attachments: [Energy Consumption Status Report for GEEE.docx](#)

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>

Please send any questions back to me at andrew.giallonardo@canada.ca.

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

Andrew Giallonardo, P. Eng.

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