

Input for battery durability

Japan

EVE 29th session, Geneva

Reminder (1/2)

- During the current phase of EVE, points which require further discussions including the follows have been appeared.
 - Technical and statistical difficulties on setting representative conditions to evaluate battery degradation.
 - Difficulties to confirm a direct correlation between vehicle performance and battery degradation.

Reminder (2/2)

- EVE provides four options to evaluate vehicle performance affected by battery durability in the technical report. However, a consolidated solution on this issue have not been produced yet.

Japan's understanding

- EVE could conclude their activity in this phase as follows.

“The current technical report reflects relevant available technologies catching up to the state of art. However, EVE considers that further consolidation of research based evidences to evaluate vehicle performances by battery degradations may be necessary to initiate discussions for the development of the GTR. From this perspective, the activities on battery durability by EVE should be halted once until the matureness on relevant researches will be seen in the future.”

Japan's suggestion

- Restart of this issue could be decided by GRPE when sufficient technologies will be available.
- The guidance by the ongoing task force for durability in WLTP-IWG will be helpful.