

EVE-IWG requested a mandate to develop a GTR for In-Vehicle Battery Durability

- OICA supports the concept of a three phase approach based on market data. This harmonised legislation should contain test procedures and conditions, as well as limit requirements if applicable.
- The introduction of the State Of Health (SOH) Indicator is a suitable measure in order to collect customer data and furthermore to inform the customer, especially second hand customers. For the introduction of the SOH indicator, there needs to be first a clear description of the requirements of the SOH indication with regards to battery performance expectations over time. In addition, the indicator installation in the vehicle needs technical lead time.
- Establishing a preliminary Deterioration Factor (DF) in Phase 1 is appropriate to exclude substandard products from the market.
- OICA supports the verification during ISC by performing a range test. The concept of the „Exposure Indices“ (EI), that eliminates extreme usage cases from the test is essential for a fair evaluation of the Battery Durability.

- The timeline for Phase 1 suggests to prepare a draft GTR until January 2021. This timing is ambitious but could be feasible with a good collaboration of all stakeholders.
- For Phase 2 and Phase 3 the timelines are more critical. The SOH data are key elements of the legislation, and the implementation in the vehicles and data acquisition and analysis has to be in place before GTR improvements based on the collected data can be made.