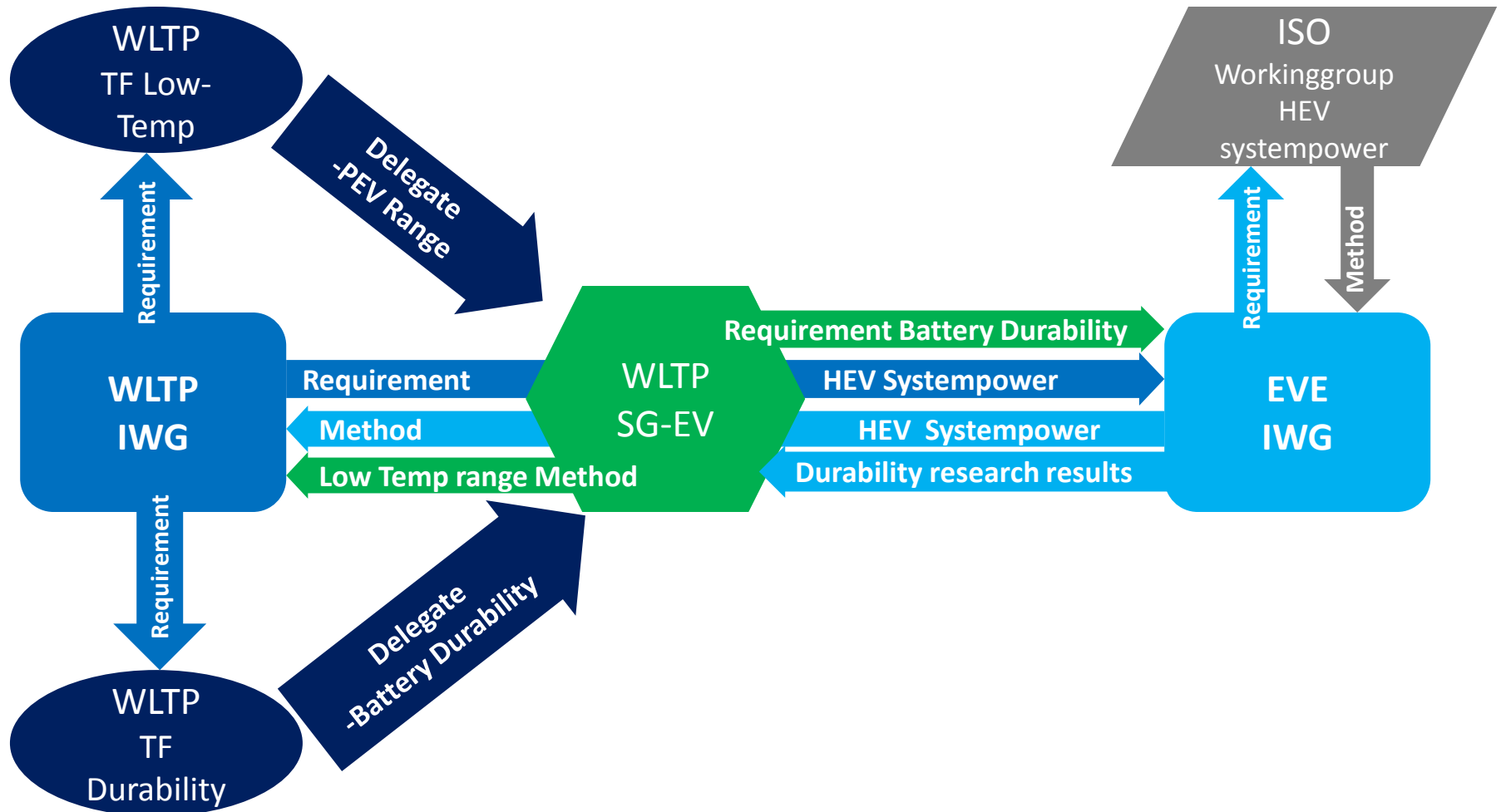


# Report WLTP Subgroup EV to EVE IWG (EVE-27-XXe)

27<sup>th</sup> EVE IWG meeting  
Geneva, 5<sup>th</sup> of June 2018

# 1. Collaboration WLTP (Subgroup EV) with IWG EVE

## EV Communication in the UNECE Framework



## 2. Status: Battery performance and durability

### WLTP SG EV feedback to IWG EVE:

- As stated from OICA in the previous IWG EVE meetings, battery durability is a quite complex and challenging area as the aging of the battery is highly depending on the customer driving behaviour, the environment its operated in, the charging technology and infrastructure (supported by SG EV members)
  - Manufacturers put a lot of effort in the evaluation of battery aging and the understanding of the aging mechanisms in order to compensate and eliminate them; but: that is an ongoing process and cannot be fixed in a legislative text as it is evolving and changing
  - standardized procedure is not able to cover all this aspects in a proper way
- If required, the most appropriate way to check durability is to check it from a whole vehicle perspective as aging of the battery may be covered by the vehicle application itself
- Durability requirements as well as the demand to check these requirements, needs to be provided by contracting parties; requirements have to be clear and have to be justified (e.g. to ensure environmental protection)

**Further discussions on that topic will be done during WLTP Subgroup EV session on June 6th**

# 3. Status: System Power Determination

## WLTP SG EV feedback from SG EV to IWG EVE:

- Concerning the WLTP requirements for classification and downscaling  
→ Heinz Steven needs to be involved ✓
- Concerning drafting, an exchange with WLTP drafting coordinator recommended  
→ Serge Dubuc needs to be involved ✓
- WLTP Subgroup EV experts will support the work of the EVE drafting group ✓

## Scope:

- Scope of should be limited to the requirements of WLTP as customer information and taxation not in the scope of GRPE  
→ therefore not in the scope of WTLTP and EVE; this should be stated/written in the GTR scope
- Scope not only limited to HEVs but – in addition – also to PEVs/HEVs with more than one electric motor

## Preference where this method shall be inserted in the regulation:

- SG EV members have a clear preference to incorporate the system power determination procedure as an Annex or similar to GTR15 (scope limited to WLTP). This preference can be seen as an important information for the proceeding in the drafting group.

**Further discussions on that topic will be done during WLTP Subgroup EV session on June 6th**