

Discussion of EVE IWG Mandate Timelines

Additional documents: [ECE-Trans-Wp.29-2016-116](#)

Outline

- ▶ Current timelines and status of work
- ▶ Logic for timeline changes
- ▶ Conclusions about revised timelines at EVE-26 in Tokyo



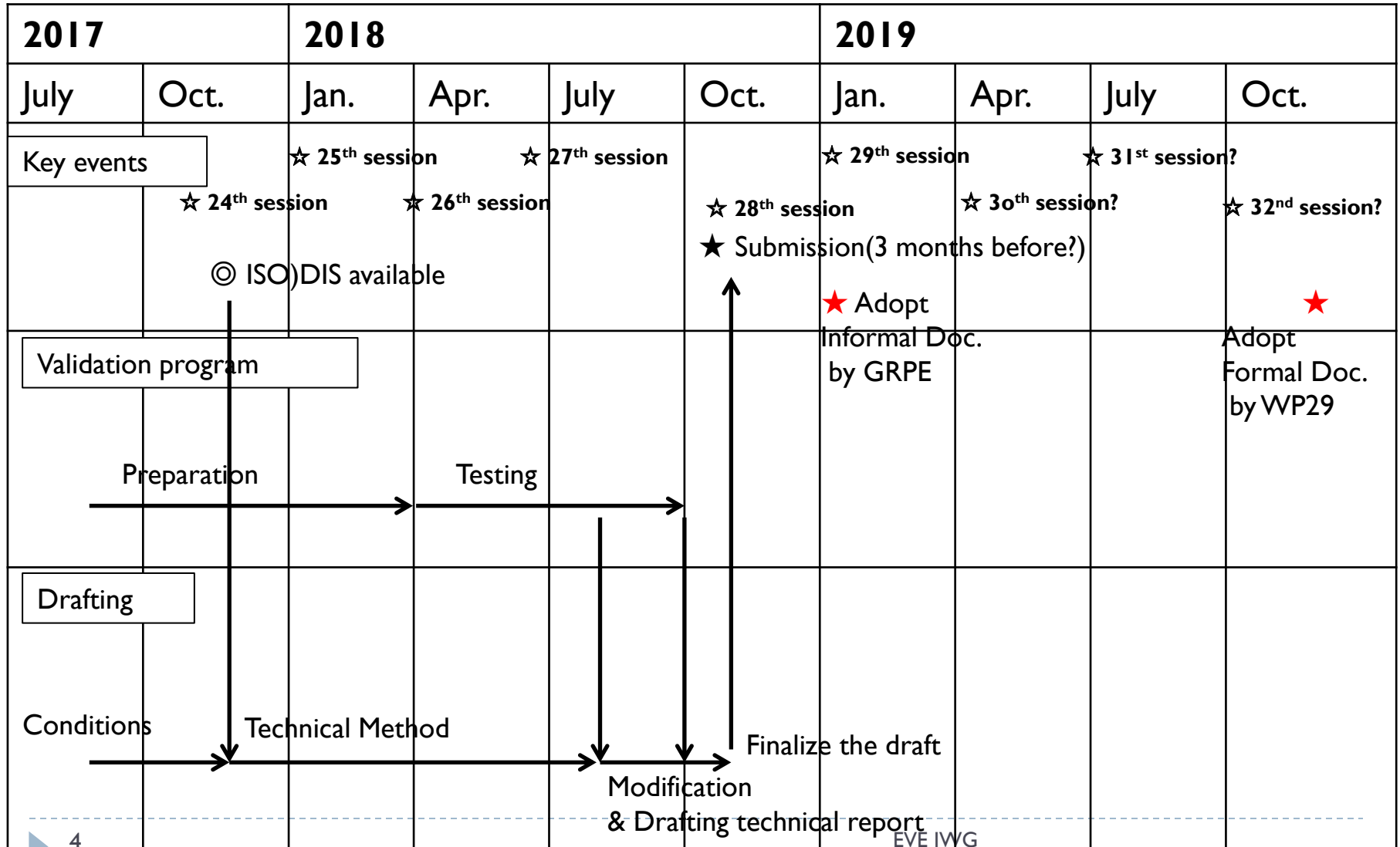
Timelines for **Power Determination**

▶ Quote below from mandate

- ▶ (ii) June 2018: Draft gtr available, guidance on any open issues by GRPE;
- ▶ (iii) June 2018-January 2019: Final drafting work on gtr text;
- ▶ (iv) January 2019:
 - ▶ a. Endorsement of the draft gtr based on an informal document by GRPE;
 - ▶ b. Transmission of the draft gtr as an official document twelve weeks before the June 2019 session of GRPE.
- ▶ (v) June 2019: Recommendation of the draft gtr by GRPE;
- ▶ (vi) November 2019: Establishment of the gtr by AC.3 in the Global Registry.



Planned Schedule for Determination of Electrified Vehicle Power



Timelines for **Battery Performance and Durability**

- ▶ Quote below from mandate
- ▶ (ii) *November 2016 - June 2018:*
 - ▶ *a. EVE continues research on battery performance*
 - ▶ *EVE develops a detailed workplan and drafts request for relevant activities (including gtr development);*
 - ▶ *b. EVE continues consultation with the WLTP, including the WLTP-E-Lab sub-group and WLTP co-sponsors (Japan and the European Commission) as well as the EPPR IWG.*
- ▶ (iii) *June 2018:*
 - ▶ *a. EVE IWG presents a first draft on the status of research work and proposal(s) for subsequent work (if appropriate) to GRPE;*
 - ▶ *b. EVE IWG presents informal documents on the status of research work and proposal(s) for subsequent work (if appropriate) for review by AC.3.*
- ▶ *iv) November 2018: Approval of the authorization to develop a gtr by AC.3, if appropriate;*



Timelines for **Method of Stating Energy Consumption**

- ▶ Quote below from mandate
- ▶ (i) *November 2016:*
 - ▶ *Approval to approach the Group of Experts on Energy Efficiency (GEEE), and possibly UNECE Executive Secretary about continuing work on the method of stating energy consumption;*
- ▶ (ii) *November 2016 - June 2018:*
 - ▶ *EVE supports work of GEEE or another group on method of stating energy consumption as needed;*
- ▶ (iii) *June 2018:*
 - ▶ *a. Report status of work on method of stating energy consumption to GRPE;*
 - ▶ *b. Report status of work on method of stating energy consumption to AC.3.*



June 2018 deliverables in mandate

- ▶ **Early draft of System Power Determination GTR**
 - ▶ Validation testing is started but not complete
 - ▶ Plan on slide 4 envisions final draft in January 2019 GRPE
- ▶ **A first draft on status of Battery Durability research work and proposals for subsequent work if appropriate (including GTR development recommendation)**
 - ▶ Modelling & testing work not complete, but progressing well
 - ▶ Not close to consensus on whether a durability GTR is appropriate
- ▶ **Report on status of work on method of stating energy consumption**
 - ▶ Not started, but can be prepared with minimal effort



Schedule changes for Consideration

- ▶ Intend to submit all 3 deliverables deliverable together, ideally at January 2019 GRPE
 - ▶ Aligns better with current work progress
 - ▶ Gives more time to reach consensus on battery durability
 - ▶ Will allow all deliverables to be considered simultaneously by GRPE and WP.29
- ▶ EVE IWG agreed on this path forward at Tokyo meeting in March 2018

