

Discussion of EVE IWG Mandate Timelines

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

Outline

- ▶ Introduction of current timelines and status of work
- ▶ Proposal on timeline changes
- ▶ Discussion with EVE IWG on changes

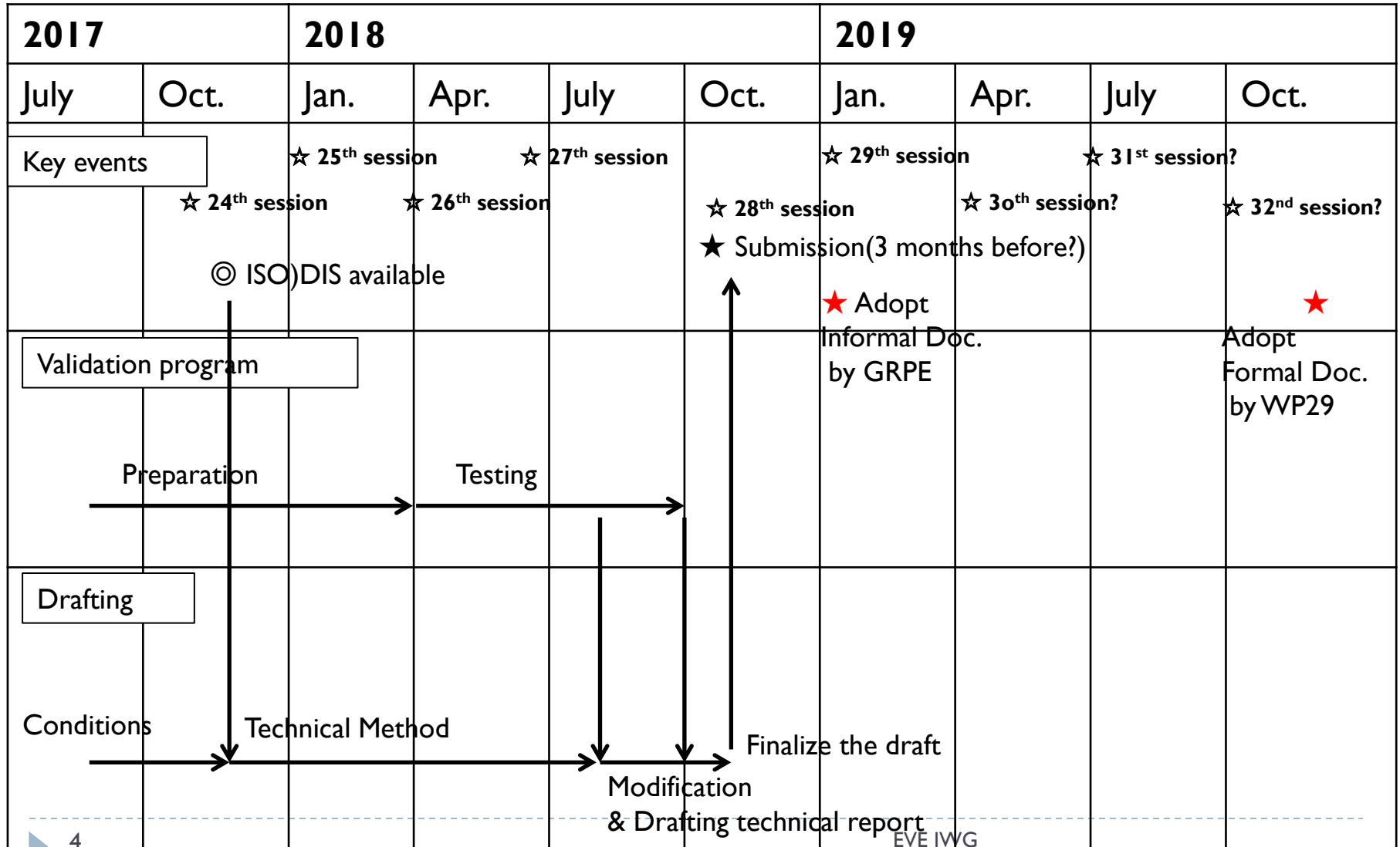


Timelines for Power Determination

- ▶ **Determining the powertrain performance:**
 - ▶ (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 Durability

Battery performance and durability:

- ▶ (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 subgroup 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 Stating Energy Consumption

▶ (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 presentations as per mandate

- ▶ **Early draft of System Power Determination GTR to be available**
 - ▶ Validation testing very unlikely to be 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)**
 - ▶ Modelling & testing work unlikely to be 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 could be prepared without too much effort



Schedule changes for Consideration

- ▶ Propose to submit all 3 deliverables to January 2019
GRPE
 - ▶ Aligns better with current work progress
 - ▶ Gives more time to reach consensus on battery durability
 - ▶ Would allow all deliverables to be considered simultaneously by GRPE and WP.29
- ▶ If EVE IWG agrees on path forward, presentation at GRPE in June 2018 will explain reasons for slight delay in draft deliverables



Thoughts?

