Update from RDE IWG

GRPE January 2019

From the sponsors:
European Union
Japan
Korea
Background

- During last GRPE meeting, EU, Japan and Korea requested the creation of an RDE IWG
- The GRPE accepted the proposal during its June 2018 meeting
- Creation of RDE IWG accepted by AC.3 in its June 2018 meeting
Meetings

The group met already on:

1. 11-12 September 2018 in Brussels
2. 27-28 November 2018 in Brussels
3. 9 January 2019 in Geneva

And planned next meeting for 1-2 April 2019 in Japan
Confirmed Roles:

Chair: European Union (P. Dilara)
Vice-chairs: Japan (Y. Kono) and Korea (J. Park)
Secretaries: OICA (P. Mendoza-Villafuerte), JASIC (N. Ichikawa)
1st Meeting

- Presentation of development of the RDE methodology in Europe
- Presentation of Japanese methodology
- Presentation and discussion of the joined text of the two methodologies, based on the RDE4 version
- Discussion on ToR
- Work is needed in order to understand how other CPs driving and boundary conditions can be taken into account
2nd Meeting

- Presentation of Indian RDE methodology
- Presentation of the scope of the US work for RDE development
- Continuation of the discussion on a consolidated text
- Presentation by JRC of changes made in the RDE4 act
- Presentation of the OICA position
3rd Meeting

- Presentation of Korean RDE methodology
- Presentation by JRC of testing guidelines and of RDE data and tool available by JRC
- Discussion on creation of a common RDE database with data relevant for the further development of RDE GTR
- Discussion on ToR, tasks and timeline
Work on the RDE GTR

- GTR should contain only technical procedures
- The group is considering how to adapt the procedures in order for them to work in various regions
- Extra testing may be required
- The issue of how to deal with the uncertainty of measurements is still open
  - CEN is developing a standard on the performance of PEMS
  - In case this is not ready in time, we will need to take this up in the GTR
Detailed task list-1

- Driving and emission data collection: 1 June 2019
- Evaluation of Temperature and Altitude boundaries using regional needs: first delivery by 1 April 2019 meeting in Tokyo
- Evaluation of cumulative altitude gain: 1 April 2019
- Introduction of certification lab cycles other than WLTP (FTP, MIDC,...): first delivery on 1 October 2019, final delivery end 2019*

*in case the work cannot be performed in time for having a draft text by end of 2019, maybe to be postponed for second phase.
Detailed task list-2

- Evaluation of trip composition: first delivery April meeting, final for June 2019
- Annex on uncertainty of measurements: October 2019
- Evaluation of trip severity/trip dynamics: First delivery for June 2019
- Evaluation of emissions corrections and moderate/extended conditions: October 2019
- Drafting of GTR: already started, informal for January 2020 GRPE
Plans

- 4th meeting on 1-2 April 2019, Tokyo, Japan
- 5th meeting during GRPE in May 2019 (half-day)
- 6th meeting 9-10 July 2019, Wien, Austria (proceed by a practical workshop on the 8th)
- 7th meeting in October 2019, Seoul, Korea
- 8th meeting and Informal document in time for January 2020 GRPE meeting
- 9th meeting in February 2020 to prepare working document
- 10th meeting with Working document in June 2020 GRPE meeting
Thank you for your attention!

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