UNECE IWG on EPPR for L-category vehicles

State of play

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Outline

✓ Background
✓ Past and next meetings
✓ State of play
  ▪ GTR on Evaporative and Crankcase emissions
  ▪ GTR on OBD-I
  ▪ GTR2
  ▪ OBD 2
✓ Roadmap
Background

ToR and mandate

✓ Priority to work under 1998 Agreement but will also work under 1958 Agreement
✓ Amend GTR No2 and develop new GTRs with respect to Environmental and Propulsion unit Performance Requirements
✓ Create synergies with 58th Agreement and where possible develop common requirements in form of UN Reg(s)
✓ Exchange information on current and future regulatory requirements for ‘light vehicles’
✓ Adopted at WP29 Nov 2013
Topics to be covered by EPPR

- **Environmental performance:**
  - Type I: Tailpipe emissions test after cold start (revision);
  - Type II: Tailpipe emissions test at (increased) idle / free acceleration;
  - Type III: Emission test of crankcase gases;
  - Type IV: Evaporative emissions test;
  - Type V: Durability testing of pollution control devices;
  - Type VII: Measurement of CO2 emissions, fuel consumption, electric energy consumption and electric range determination;
  - Type VIII: On-board diagnostics environmental verification tests.

- **Propulsion unit performance:**
  - Unified rules and test procedures to measure power and torque for propulsion technologies fitted on L-category vehicles
  - Unified measurement of maximum design vehicle speed and/or power for restricted L-category vehicles should be developed and agreed upon.

Background
# Meetings

<table>
<thead>
<tr>
<th>Past Meetings</th>
<th>Next Meetings</th>
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<tr>
<td>16th meeting in Geneva, 06 June 2016 (OBD)</td>
<td>audio-web conference, 10 Feb 2017(GTR 2)</td>
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<td>audio-web conference, 01 Sep 2016 (GTR 2)</td>
<td>19th meeting in Japan, March 2017 (GTR2)</td>
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<td>17th meeting in USA, 17-19 Oct 2016 (GTR 2)</td>
<td>audio-web conference, May 2017(GTR 2)</td>
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<td>audio-web conference, 11 Nov 2016 (GTR 2)</td>
<td>20th meeting in Geneva, June 2017 (GTR2) *</td>
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<td>audio-web conference, 19 Dec 2016 (GTR 2)</td>
<td>audio-web conference, July 2017(GTR 2)</td>
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<td>18th meeting in Geneva, 9 Jan 2017 (GTR2-OBD2)</td>
<td>21st meeting,October 2017 (GTR2)</td>
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<td>audio-web conference, 10 Nov 2017(GTR 2)</td>
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<td>audio-web conference, 15 Dec 2017(GTR 2)</td>
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Evaporative and Crankcase emissions

- Adopted by the GRPE in its 72nd Session (Jan 2016)
- The proposal for a new UN GTR on crankcase and evaporative emissions from two- or three-wheeled motor vehicles equipped with a combustion engine (ECE/TRANS/WP.29/2016/66, ECE/TRANS/WP.29/2016/67, ECE/TRANS/WP.29/AC.3/36/Rev.1) was established in the UN Global Registry on 17 November 2016 by consensus vote of the following Contracting Parties present and voting ...
OBD-I

✓ Adopted by the GRPE in its 73rd Session of the GRPE (June 2016)
✓ The proposal for a new UN GTR on the measurement procedure for two- or three-wheeled motor vehicles with regard to on-board diagnostics (ECE/TRANS/WP.29/2016/112, ECE/TRANS/WP.29/2016/113, ECE/TRANS/WP.29/AC.3/36/Rev.1) was established in the UN Global Registry on 17 November 2016 by consensus vote of the following Contracting Parties present and voting …
GTR2

- EPPR-11-15 Rev1 = proposal EC
- IMMA has identified the differences between current GTR2 & EPPR-11-15 Rev1
- Extensive document. Split the work, during 2016 and 2017
- Japan has requested and the IWG has accepted to take the EURO 5 regulation as the basis for discussion and development of GTR 2 revision.
- Intentions to present an informal documents to GRPE (June 2017)

OBD2

- Start full work on this item from beginning 2018 (agreed by all parties)
Thank You