

EPPR Roadmap

Proposal from Chair/ Secr

9th EPPR- Geneva

January 2015

EPPR mandate (June 2013)

- **November 2012: 158th session of WP.29 – agreement on establishment of informal working group by adoption of the mandate regarding environmental and propulsion performance requirements for L-category vehicles.**
- **January 2013: 1st meeting of the EPPR informal working group. Review and adoption of the Rules of Procedure and Terms of Reference.**
- **June 2013: .GRPE (66th session) meeting of the EPPR informal working group. Presentation of draft final roadmap and related programme management items to GRPE submitted for adoption.**
- **November 2013: 158th session of WP.29, adoption of GRPE decision regarding the final roadmap and related programme management items.**
- **2013-2016: meetings of the working group, regularly reporting to GRPE and the Administrative Committees (AC 1 and AC 3)**
- **January 2016: Present a final report as an informal document to GRPE**
- **2016: possible adoption of UN Regulation(s) and Global Technical Regulation(s)**

Topics to be covered by EPPR

- Environmental performance:

- **Type I: Tailpipe emissions test after cold start (revision);** PRIORITY
- Type II: Tailpipe emissions test at (increased) idle / free acceleration;
- **Type III: Emission test of crankcase gases;**
- **Type IV: Evaporative emissions test;** PRIORITY
- 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.** PRIORITY

- 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.

Preliminary status of proposals

Proposal by Chair and Secr

- New GTR on Evap and Crankcase (L1/L3)
 - Evaporative emissions
 - Crankcase requirements (placeholder for crankcase test)
 - Possible timeline for Informal doc and tech report June -15 (L1/L3)
- New GTR on OBD (L3)
 - OBD UN Stage I
 - Possible timeline for informal doc and tech report June -15 (L3)
- GTR 2 (L1/L3) amended including
 - Test type I
 - Test type II
 - Test type VII on Energy efficiency (CO₂, FC)
 - proposal to focus on conventional propulsion in phase I
 - Cover electric range and consumption in phase II after 2016
 - Possible timeline for informal doc and tech report Jan -16 (L1/L3)

Proposal for Phase II (after 2016)

Proposal by Chair and Sec

- GTR on Evap and Crankcase
 - Develop Crankcase test (L1/L3)
 - Amend GTR on Evap and Crankcase for 3-wheelers
- GTR on OBD
 - Amend GTR on OBD UN Stage I for 3-wheelers
 - Amend GTR on OBD UN Stage II for (L3)
- GTR 2
 - Amend GTR 2 for 3-wheelers (conventional propulsion)
 - Amend GTR 2 for electric range and consumption
- New GTR on durability (L1/L3)
- New GTR on PuPPR(Vmax,Power, Torque) (L1/L3)
- Transposition of GTRs into UN regs

Possible deliverables acc. to mandate for Phase I (final report GRPE Jan 2016)

Proposal by Chair and Secr

- GTR Informal document incl tech report on Evap and Crankcase emissions for L1/L3 (Crankcase test for Phase II) (June 2015)
- GTR Informal document incl tech report on OBD UN Stage I for L3 (June 2015)
- Amended GTR 2 incl tech report (Type I, II and VII) for conventional propulsion L1/L3 (Jan 2016)

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