

Provisional annotated agenda of the 87th GRPE* (with informal documents received until 10 January 2023, 20.00 CET)

1. Adoption of the agenda

In accordance with Chapter III, Rule 7 of the Rules of Procedure (ECE/TRANS/WP.29/690 as amended) of the World Forum for Harmonization of Vehicle Regulations (WP.29), the first item on the provisional agenda is the adoption of the agenda.

Documentation: [ECE/TRANS/WP.29/GRPE/2023/1](#)
[GRPE-87-01-Rev.2](#), [GRPE-87-02-Rev.1](#), [GRPE-87-03-Rev.1](#),
[GRPE-87-04-Rev.1](#)

2. Report on the last session of the World Forum for Harmonization of Vehicle Regulations (WP.29)

The Working Party on Pollution and Energy (GRPE) may agree to consider a brief oral report by the secretariat about the highlights of the June and November 2022 sessions of WP.29 on issues related to GRPE.

Documentation: [GRPE-87-05-Rev.1](#), [\(WP.29-187-06\)](#)

3. Light vehicles

(a) UN Regulations Nos. 68 (Measurement of the maximum speed, including electric vehicles), 83 (Emissions of M₁ and N₁ vehicles), 101 (CO₂ emissions/fuel consumption), 103 (Replacement pollution control devices) and 154 (Worldwide harmonized Light vehicles Test Procedures (WLTP))

GRPE may wish to consider a proposal from the expert of International Organization of Motor Vehicle Manufacturers (OICA) proposing to harmonize the requirements of the 06 and 07 series of amendments to UN Regulation No. 83, the 01 series of amendments to UN Regulation No. 101 and the original, 01, 02 and 03 series of amendments to UN Regulation No. 154 respectively, and to ensure consistent type-approval test conditions with the introduction of the 08 series of amendments to UN Regulation No. 48.

Documentation: [ECE/TRANS/WP.29/GRPE/2023/10](#)
[ECE/TRANS/WP.29/GRPE/2023/11](#)
[ECE/TRANS/WP.29/GRPE/2023/12](#)
[GRPE-87-13-Rev.1](#), [GRPE-87-14](#)

GRPE may wish to consider a proposal from the expert of OICA proposing to harmonize the requirements for the determination of CO₂ emissions, fuel and electric energy consumption of the discharge requirement for OVC-HEV with an operating mode switch with its stop criterion. The proposal is also aiming at harmonizing the preconditioning requirement between the 01 series of amendments of UN Regulation No. 101 (Annex 9, determination of electric range) and 06 and 07 series of amendments of UN Regulation No. 83 (Annex 14, provisions for emissions test procedures for HEV).

Documentation: [ECE/TRANS/WP.29/GRPE/2023/13](#)

* All document symbols starting with GRPE-87-XX are informal documents for this session of GRPE

GRPE may wish to consider a proposal from the expert of Japan for new supplements to the 02 and 03 series of amendments to UN Regulation No.154, with additional proposals by the expert from France, EC and OICA.

Documentation: [GRPE-87-17](#), [GRPE-87-18](#), [GRPE-87-19](#), [GRPE-87-06 \(France\)](#), [GRPE-87-15 \(OICA\)](#), [GRPE-87-27 \(EC\)](#), [GRPE-87-28 \(EC\)](#)

GRPE may wish to consider a proposal from the expert of Australia to amend the 00, 01, 02 and 03 series of amendments to UN Regulation No.154 modifying the type approval numbering.

Documentation: [GRPE-87-33](#)

GRPE may wish to consider a proposal from the expert of OICA to amend UN Regulation No. 154 proposing an alternative method in Annex B9.

Documentation: [GRPE-87-11](#)

GRPE may wish to consider a proposal from the expert of OICA to amend UN Regulation No. 154 proposing harmonization of Diesel Cloud Point measurement standard.

Documentation: [GRPE-87-12](#)

GRPE may wish to consider a proposal from the expert of France to amend UN Regulation No. 101 (and UN Regulation No. 24) proposing to include additional elements in the information document.

Documentation: [GRPE-87-07](#)

GRPE may wish to consider agenda item 3.(c) before tackling the next topic on UN Regulation No. 83.08.

GRPE may wish to consider a proposal from the expert of the European Commission for a new 08 series of amendment to UN Regulation No. 83.

Documentation: [ECE/TRANS/WP.29/GRPE/2023/2](#)
[GRPE-87-10 \(OICA\)](#), [GRPE-87-25 \(Clean Air Association\)](#),
[GRPE-87-26](#), [GRPE-87-43](#)

(b) UN Global Technical Regulations Nos. 15 (Worldwide harmonized Light vehicles Test Procedures (WLTP)) and 19 (Evaporative emission test procedure for the Worldwide harmonized Light vehicle Test Procedure (WLTP EVAP))

GRPE may wish to consider proposals to amend UN GTRs Nos 15 or 19, if any.

(c) Worldwide harmonized Real Driving Emissions (RDE) test procedure

GRPE may wish to consider a proposal from Japan and the European Commission for a new UN Regulation on Global RDE, [with additional proposals by the expert from OICA](#).

Documentation: [ECE/TRANS/WP.29/GRPE/2023/3](#)
[GRPE-87-08 \(OICA\)](#) and [GRPE-87-09 \(OICA\)](#)

4. Heavy duty vehicles

(a) UN Regulations Nos. 49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines) and 132 (Retrofit Emissions Control devices (REC))

GRPE may wish to consider a proposal from the experts of Australia and the European Commission amending the 06 ~~and 07~~ series of amendments to UN Regulation No. 49 to correct drafting errors in formulas.

Documentation: [ECE/TRANS/WP.29/GRPE/2023/5](#)

GRPE may wish to consider a proposal from the experts of the European Commission and OICA amending the 07 series of amendments to UN Regulation No. 49 to permit the use of

hydrogen (H₂) in internal combustion engines as fuel for emissions type approval of heavy-duty vehicles.

Documentation: ECE/TRANS/WP.29/GRPE/2023/6
[GRPE-87-30](#), [GRPE-87-31](#)

- (b) **UN Global Technical Regulations Nos. 4 (World-wide harmonized Heavy Duty Certification procedure (WHDC)), 5 (World-Wide harmonized Heavy duty On-Board Diagnostic systems (WWH-OBD)) and 10 (Off-Cycle Emissions (OCE))**

GRPE may wish to consider proposals to amend UN GTRs Nos. 4, 5 or 10, if any.

- (c) **Worldwide provisions for Heavy Duty vehicles Fuel Economy**

GRPE may wish to receive a status report on the activities of harmonized provision for Heavy Duty vehicles Fuel Economy, if any.

5. UN Regulations Nos. 24 (Visible pollutants, measurement of power of C.I. engines (Diesel smoke)), 85 (Measurement of the net power), 115 (LPG and CNG retrofit systems), 133 (Recyclability of motor vehicles) and 143 (Heavy Duty Dual-Fuel Engine Retrofit Systems (HDDF-ERS))

GRPE may wish to consider a proposal from the expert of OICA amending UN Regulation No. 85 to permit the use of hydrogen (H₂) in internal combustion engines as fuel for emissions type approval of heavy-duty vehicles.

Documentation: ECE/TRANS/WP.29/GRPE/2023/7
[GRPE-87-16-Rev.1](#)

GRPE may wish to consider a proposal from the expert of France amending UN Regulation No. 85 to allow for higher tolerances for pressure measurements in paras 4.7 and 4.8 to Annex 5.

Documentation: [GRPE-87-32](#)

6. Agricultural and forestry tractors, non-road mobile machinery

- (a) **UN Regulations Nos. 96 (Diesel emission (agricultural tractors)) and 120 (Net power of tractors and non-road mobile machinery)**

GRPE may wish to consider proposals to amend UN Regulations Nos. 96 and 120, if any.

- (b) **UN Global Technical Regulation No. 11 (Non-road mobile machinery engines)**

GRPE may wish to consider proposals to amend UN GTR No. 11, if any.

7. Particle Measurement Programme (PMP)

GRPE may wish to consider a proposal from the Informal Working (IWG) on PMP for a new UN GTR on brake particulate emissions.

Documentation: ECE/TRANS/WP.29/GRPE/2023/4
[GRPE-87-40](#), [GRPE-87-41](#)

GRPE will receive a status report from the IWG on PMP.

Documentation: [Forthcoming](#)

GRPE may wish to receive a status report from the Task Force on Tyre Abrasion (TFTA).

Documentation: [GRPE-87-35](#)

8. Motorcycles and mopeds

(a) UN Regulations Nos. 40 (Emission of gaseous pollutants by motorcycles) and 47 (Emission of gaseous pollutants of mopeds)

GRPE may wish to consider proposals to amend UN Regulations Nos. 40 and 47, if any.

(b) UN Global Technical Regulations Nos. 2 (World-wide Motorcycle emissions Test Cycle (WMTC)), 17 (Crankcase and evaporative emissions of L-category vehicles), 18 (On-Board Diagnostic (OBD) systems for L-category vehicles) and [XX] (Durability)

GRPE may wish to consider proposals to amend UN GTRs Nos. 2, 17, 18 and [XX] (Durability), if any.

(c) Environmental and Propulsion Performance Requirements (EPPR) for L-category vehicles

GRPE will receive a status report from the IWG on EPPR and may wish to discuss updated Terms of References for the IWG.

Documentation: [GRPE-87-22](#) and [GRPE-87-23-Rev.1](#)

9. Electric Vehicles and the Environment (EVE)

(a) UN GTR No. 21 (DEVP) and 22 (In-Vehicle Battery Durability)

GRPE may wish to consider proposals to amend UN GTRs Nos. 21 or 22, if any.

(b) Other activities of IWG on EVE

GRPE may wish to consider a proposal from the IWG on EVE for a request for authorization to develop a new UN GTR on in vehicle battery durability for electrified heavy-duty vehicles.

Documentation: [ECE/TRANS/WP.29/GRPE/2023/8](#)

GRPE will receive a status report from the IWG on EVE and consider revised Terms of References for the group.

Documentation: [GRPE-87-42](#)

10. Mutual Resolution No. 2 (M.R.2)

GRPE may wish to consider a proposal to amend Mutual Resolution No. 2 (M.R.2), if any.

11. International Whole Vehicle Type Approval (IWVTA)

GRPE may wish to receive an update from the GRPE Ambassador to the IWG on IWVTA and IWG on DETA regarding the use of Unique Identifiers (UIs) in UN Regulations.

Documentation: [GRPE-87-20](#) and [GRPE-87-21](#)

12. Vehicles Interior Air Quality (VIAQ)

GRPE will receive a status report from the IWG on VIAQ.

13. Lifetime compliance

GRPE may wish to consider a proposal from the IWG on Periodic Technical Inspection (PTI) to amend Consolidated Resolution No. 6 (R.E.6) to add the possibility to perform a particle number (PN) test on diesel cars of categories M and N during PTI tests.

Documentation: [ECE/TRANS/WP.29/GRPE/2023/9](#)

GRPE may wish to consider a proposal from the IWG on PTI to discuss the Terms of Reference of the Taskforce on emission anti-tampering, as part of the IWG on PTI.

Documentation: [GRPE-87-24, \(ECE/TRANS/WP.29/GRPE/85, paras. 66 to 68\)](#)

GRPE may wish to consider a proposal from the expert from CITA in Belgium introducing first results of the introduction of PN Counting in PTI in Belgium.

Documentation: [GRPE-87-36](#)

14. Automotive - Life Cycle Assessment (A-LCA)

GRPE will receive a status report from the IWG on A-LCA, and be updated about the latest version of the draft Terms of References.

Documentation: [GRPE-87-38, GRPE-87-39](#)

15. Priority topics for GRPE activities

GRPE may wish to consider proposals to update the list of priority topics and/or to discuss specific items from the list of priority topics.

Documentation: [GRPE-87-29](#)

16. Any other business

GRPE may wish to consider a presentation from the European Commission on the Euro 7 proposal released in Autumn 2022.

Documentation: [GRPE-87-37](#)

GRPE may wish to consider a presentation from the Co-Chair of the Taskforce on the Fitness of GRVA Regulations and GTRs for ADS.

Documentation: [GRPE-87-34](#)

GRPE may wish to consider any other proposals, if any.
