
Provisional annotated agenda of the 86th GRPE* (with informal documents received until 28 May 2022, 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/2022/9
[GRPE-86-01-Rev.2](#), [GRPE-86-02](#) and [GRPE-86-03](#)

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 March 2022 session of WP.29 on issues related to GRPE.

Documentation: [GRPE-86-04](#)

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 the International Organization of Motor Vehicle Manufacturers (OICA) to correct the recursive formula of the 05, 06 and 07 series of amendments to UN Regulation No. 83 in the procedure for verifying the conformity of production.

Documentation: ECE/TRANS/WP.29/GRPE/2022/10
[GRPE-86-12](#)

GRPE may wish to consider a proposal from the expert of OICA proposing to incorporate corrections and clarifications which were identified during the development of the 02 and 03 series of amendments to UN Regulation No. 154 into the original and 01 series of amendments to UN Regulation No. 154.

Documentation: ECE/TRANS/WP.29/GRPE/2022/11
ECE/TRANS/WP.29/GRPE/2022/12

GRPE may wish to consider a proposal from the expert of OICA proposing a new supplement to the 05, 06 and 07 series of amendments to UN Regulation No. 83 (Emissions of M₁ and N₁ vehicles) allowing measurement equipment compliant with the technical requirements of UN Regulation No. 154 to be used for test performed as part of the application of UN Regulations No. 83 and 101.

Documentation: ECE/TRANS/WP.29/GRPE/2022/13

GRPE may wish to consider a proposal from the expert of 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

* All document symbols starting with GRPE-85-XX are informal documents for this session of GRPE

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/2022/14
ECE/TRANS/WP.29/GRPE/2022/15
ECE/TRANS/WP.29/GRPE/2022/16
[GRPE-86-08](#), [GRPE-86-09](#), [GRPE-86-10](#), [GRPE-86-11](#)

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/2022/17
[GRPE-86-36](#)

GRPE may wish to consider a proposal from the expert of OICA proposing to integrate requirements for Special Purpose Vehicles in the 06 and 07 series of amendments to UN Regulation No. 83 and to amend definitions for Special Purpose Vehicles in Consolidated Resolution on the Construction of Vehicles (R.E.3), respectively.

Documentation: ECE/TRANS/WP.29/GRPE/2022/18
ECE/TRANS/WP.29/GRPE/2022/19

GRPE may wish to consider an update from the expert of the European Commission on the development of the 08 series of amendments to UN Regulation No. 83.

Documentation: [GRPE-86-07](#)

GRPE may wish to consider a proposal from the expert of OICA proposing to revise the requirements of UN Regulation No. 154 with regards to the calculation of run-in factors.

Documentation: [GRPE-86-14](#), [GRPE-86-15](#), [GRPE-86-16](#) and [GRPE-86-28](#)

GRPE may wish to consider a proposal from the expert of OICA proposing to clarify the requirements for sampling of vehicles for In-Service Conformity (ISC) testing in the 06 and 07 series of amendments to UN Regulation No. 83.

Documentation: [GRPE-86-24-Rev.1](#)

GRPE may wish to consider a proposal from the expert of OICA seeking advice on the Introductory Provision in the newly adopted 02 Series of Amendments to UN Regulation No. 154.

Documentation: [GRPE-86-31](#)

GRPE may wish to consider a summary table from the secretariat showing all the proposals from agenda item 3.(a), and their readiness for adoption.

Documentation: [GRPE-86-32](#)

(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 a proposal from the expert of the Clean Air Association to amend UN GTR No. 15, proposing an amendment to the definition of a "defeat device".

Documentation: [GRPE-86-20](#)

(c) Worldwide harmonized Real Driving Emissions test procedure

GRPE may wish to reconsider the proposal submitted to the November 2020 of WP.29, proposing a draft new UN Regulation on RDE, to potentially solve remaining elements to finalize the proposal.

Documentation: (ECE/TRANS/WP.29/2020/120)
[GRPE-86-29](#)

4. Heavy duty vehicles

GRPE may wish to consider a presentation from the expert of the USA on the latest “Proposed Rule and Related Materials for Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards” released recently in the country.

Documentation: [GRPE-86-33](#)

(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 expert of OICA proposing to amend 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/2022/20
[GRPE-86-13](#), [GRPE-86-25](#)

(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 proposing to amend 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/2022/21
[\(GRPE-86-25, also under agenda item 4.\(a\)\)](#)

GRPE may wish to consider a proposal prepared by the expert of OICA to amend UN Regulation No. 24 to permit the usage of the reference fuel required for emission testing when the manufacturer applies for other type approval at same time.

Documentation: ECE/TRANS/WP.29/GRPE/2022/22

GRPE may wish to consider a proposal prepared by the expert of OICA to amend UN Regulation No. 85 to permit the usage of the reference fuel required for emission testing when the manufacturer applies for other type approval at same time.

Documentation: ECE/TRANS/WP.29/GRPE/2022/23

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 observations from the expert of Euromot on type-approval of engines operated on H2 for agricultural & forestry tractors and NRMM.

Documentation: [GRPE-86-06](#)

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

Documentation: [GRPE-86-34](#)

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

Documentation: [GRPE-86-23](#)

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 review the technical reports for Amendment 5 to UN GTR No. 2 and for a new UN GTR on Durability, submitted to the June 2022 session of WP.29

Documentation: [ECE/TRANS/WP.29/2022/107](#)
[ECE/TRANS/WP.29/2022/109](#)

(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-86-26](#) and [GRPE-86-27](#)

9. Electric Vehicles and the Environment (EVE)

(a) UN GTR No. 21 (DEVP) and [22] on in-vehicle battery durability

GRPE may wish to consider proposals to amend UN GTRs Nos 21 or [22] on in-vehicle battery durability, if any.

(b) Other activities of IWG on EVE

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

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 consider a update by the GRPE Ambassador to IWVTA on a proposal for extension of DETA to improve the use of the Unique Identifier for UN Regulations.

Documentation: [GRPE-86-21-Rev.1](#) and [GRPE-86-22](#)

12. Vehicles Interior Air Quality (VIAQ)

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

Documentation: [GRPE-86-35](#)

13. Lifetime compliance

GRPE may wish to consider the draft Framework Document on Vehicle Whole-Life Compliance (ECE/TRANS/WP.29/2021/148), to develop elements to improve the draft proposal to be considered by the IWG on Periodic Technical Inspection (PTI) and WP.29.

Documentation: (ECE/TRANS/WP.29/2021/148)

GRPE may wish to consider a presentation from the expert of Switzerland on new requirements during PTI tests regarding particulates number measurement.

Documentation: [GRPE-86-05](#)

GRPE may wish to consider a presentation from the expert of the EC (JRC) to provide an update to the European Commission PN-PTI guidance document.

Documentation: [GRPE-86-30](#)

14. Priority topics for GRPE activities

GRPE may wish to consider a presentation from Japan on the next steps with respect to Life Cycle Analysis (LCA) in GRPE, together with a draft Terms of Reference (ToRs) for the creation of a new IWG on LCA.

Documentation: [GRPE-86-17](#) and [GRPE-86-18](#)

GRPE may wish to consider a presentation from the Russian Federation on the next steps with respect to Life Cycle Analysis (LCA) in GRPE

Documentation: [GRPE-86-19](#)

15. Election of Officers

In compliance with Rule 37 of the Rules of Procedure (ECE/TRANS/WP.29/690 as amended), GRPE will elect the Chair and Vice-Chair of the sessions scheduled for the year 2023.

16. Any other business

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