# Table 4

**Subjects under consideration by the Working Party on Pollution and Energy (GRPE)**

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| *GRPE* |
| *Priority* | *Justification/Background information*  | *References* | *Allocations/IWGs/TFs* | *Timeline(GRPE session)* | *Chair/sponsor(s)* | *Comments* |
| Improvement of exhaust emissions requirements to ensure real drive performance on the road | Revise technical requirements to allow technological progress, ensure technological neutrality by introducing consistent and long-lasting performance-based emissions measures, at type approval, in use and potentially over the lifetime of the vehicle.   | UN Regulation on RDE | IWG on RDE | January 2023 | EC-JP-KR | Adopted in GRPE June 2020, revision needed |
| UN GTR on RDE | IWG on RDE | [June 2023 (Phase 2)] | EC-JP-KR | Directly to Phase 2 |
| 08 Series to UN Regulation No. 83 | GRPE | [January 2023] | EC |  |
| Life Cycle Assessment | Quantify and monitor progress towards Carbon neutrality of road transport by 2050. Internationally harmonized procedure to measure carbon footprint of different technologies for fuels and vehicles from production to use and disposal. | new WP.29 Resolution | IWG on A-LCA | June 2025 | JP-KR | Started in June 2022 and further explored during the next sessions of GRPE |
| New propulsion energy | Develop technical regulation to ensure environmentally friendly and level-playing market introduction of new form of propulsion energy, such as hydrogen and electricity. | New amendment to UN GTR No. 21 on DEVP | IWG on EVE  | June 2023 | US-CAN  | Update candidate method if needed |
| New amendment to UN GTR No. 22 / new UN GTR on in Vehicle Battery durability  | IWG on EVE | January 2024 | US-CAN, China, EC, Japan | Other vehicle categories and other subsequent steps |
| Heavy Duty Hybrids/Electric and Hydrogen propulsions  | GRPE | [2023] | [tbd] |  |
| Particulate emissions:Provisions to limit airborne particulates from different sources | Sub-23 nm exhaust particles for light- and heavy-duty applications, in the laboratory and on the road | New UN resolution on HD lab test | IWG on PMP | Jan 2022 | EC | New resolution adopted by WP.29 in June 2022.still on-going for PEMS-PN  |
| Brake emissions | New UN GTR | IWG on PMP | January 2023 | EC |  |
| Tyre wear emissions /Tyre Abrasion (TA). Develop regulations for tyres to limit the emissions of microplastics to the environment | New UN Regulation / amendment to existing UN Regulation | TF TA GRBP/GRPE | January 2024 | EC-FR | TF TA operating under GRBP . GRPE and IWG PMP directly participating |

**Subjects under consideration by the Working Party on Pollution and Energy (GRPE) at its 85th session**

| *Subject* | *Document symbol ECE/TRANS/WP.29/...* | *Documentation availability* |
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| **4.1. 1958 Agreement**4.1.1 Proposal for draft amendments to existing UN Regulations (1958 Agreement): | For document symbols and its availability, please refer to the agenda of the latest session (GRPE/202X/1) |
| 24 (Visible pollutants, measurement of power of C.I. engines (Diesel smoke));40 (Emission of gaseous pollutants by motorcycles); 47 (Emission of gaseous pollutants of mopeds)49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines); 68 (Measurement of the maximum speed, including electric vehicles);83 (Emissions of M1 and N1 vehicles); 85 (Measurement of the net power); 96 (Diesel emission (agricultural tractors));101 (CO2 emissions/fuel consumption)103 (Replacement pollution control devices);115 (LPG and CNG retrofit systems); 120 (Net power of tractors and non-road mobile machinery); 132 (Retrofit Emissions Control devices (REC)); 133 (Recyclability of motor vehicles);  |
| 143 (Heavy duty dual-fuel engine retrofit systems)154 Worldwide harmonized Light vehicles Test Procedure (WLTP Regulation) |  |
| 4.1.2. Proposal for draft new UN Regulations |  |
|  Real Driving EmissionsTyre Wear Emissions or amendment to UN Regulation No. 117 |  |
| **4.2. 1998 Agreement (Global)**2 (Worldwide motorcycle emissions test cycle (WMTC));4 (Worldwide harmonized Heavy-Duty Certification Procedure (WHDC));5 (Worldwide harmonized Heavy duty on-board diagnostic systems (WWH-OBD));10 (Off-Cycle Emissions (OCE));11 (Non-road mobile machinery engines);15 (Worldwide harmonized Light Vehicle Test Procedure (WLTP));17 (Crankcase and evaporative emissions of L-category vehicles);18 (On-Board Diagnostic (OBD) systems for L-category vehicles)19 (Evaporative emission test procedure for the Worldwide harmonized Light vehicle Test Procedure (WLTP EVAP));21 (Determination of Electrified Vehicle Power (DEVP))22 (In-vehicle Battery Durability for Electrified Vehicles)23 (Measurement procedure for two- and three-wheeled vehicles equipped with a combustion engine with regard to durability of pollution-control devices) | For document symbols and its availability, please refer to the agenda of the latest session (GRPE/202X/1) |
| 4.2.1. Proposal for developing new UN Global Technical RegulationsReal Driving EmissionsBrake Particulate EmissionsIn-vehicle battery durability for heavy duty vehicles |  |
| **4.3. 1997 Agreement (Inspections)**Nil |  |
| **4.4. Proposal for draft recommendations or amendments to existing recommendations** |  |
|  Nil |  |
| **4.5. Miscellaneous items** | For document symbols and its availability, please refer to the agenda of the latest session (GRPE/202X/1) |
| Particle Measurement Programme (PMP)Environmental and Propulsion Performance Requirements (EPPR) for L-category vehiclesElectric Vehicles and the Environment (EVE) Vehicles Interior Air Quality (VIAQ)Global Real Driving Emissions (RDE)Automotive Life Cycle Assessment (A-LCA) |