

Table 4
Subjects under consideration by the Working Party on Pollution and Energy (GRPE)

<i>GRPE</i>						
<i>Priority</i>	<i>Justification/Background information</i>	<i>References</i>	<i>Allocations /IWGs/TFs</i>	<i>Timeline (GRPE session)</i>	<i>Chair /sponsor(s)</i>	<i>Comments</i>
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]	

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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**

<i>Subject</i>	<i>Document symbol ECE/TRANS/WP.29/...</i>	<i>Documentation availability</i>
4.1. 1958 Agreement		For document symbols and its availability, please refer to the agenda of the latest session (GRPE/202X/1)
4.1.1 Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
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 M ₁ and N ₁ vehicles);		
85 (Measurement of the net power);		
96 (Diesel emission (agricultural tractors));		
101 (CO ₂ 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 Emissions		
Tyre Wear Emissions or amendment to UN Regulation No. 117		
4.2. 1998 Agreement (Global)		For document symbols and its availability, please refer to the agenda of the latest session (GRPE/202X/1)
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));		

<i>Subject</i>	<i>Document symbol ECE/TRANS/WP.29/...</i>	<i>Documentation availability</i>
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)		
4.2.1. Proposal for developing new UN Global Technical Regulations		
Real Driving Emissions Brake Particulate Emissions In-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		
Particle Measurement Programme (PMP)		For document symbols and its availability, please refer to the agenda of the latest session (GRPE/202X/1)
Environmental and Propulsion Performance Requirements (EPPR) for L-category vehicles		
Electric Vehicles and the Environment (EVE)		
Vehicles Interior Air Quality (VIAQ)		
Global Real Driving Emissions (RDE)		
Automotive Life Cycle Assessment (A-LCA)		