

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	Improvement of Non Road Mobile Machinery control of conformity of emissions in real world	UN Regulation No. 96	GRPE	[2025]	NL	
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	January 2026	US, Canada, China, Japan, EC	Amd.1 to GTR 21 Adopted at GRPE 90
		New amendment to UN GTR No. 22	IWG on EVE	January 2026	US, Canada, China, Japan, EC	Amd.1 to GTR 22 Adopted at GRPE 90
		Power determination future of regulations	GRPE	[tbd]	[tbd]	Workshop May 2024
		New UN GTR on Heavy Duty Battery Durability	GRPE	October 2024	US, Canada, China, Japan, Korea, UK, EC	
Particulate emissions:	Exhaust PN : switch from PN23 to PN10 in all related UNRs and UN GTRs	UNR [49, 96, 154, 168]	IWG on PMP	[tbd]	EC	

Provisions to limit airborne particulates from different sources		UN GTR [4, 15] R.E.7				
	Light duty Brake emissions	Amd. 2 to UN GTR No. 24	IWG on PMP	[January 202 ?]	EC	ToR PMP.
	Heavy duty brake emissions	[tbd]	IWG on PMP	June 2025	EC	
	Tyre wear emissions /Tyre Abrasion (TA). Develop regulations for tyres to limit the emissions of microplastics to the environment	amendment to UN Regulation No.117	TF TA GRBP/GRPE	January 2024	EC-FR	TF TA operating under GRBP . GRPE and IWG PMP directly participating Test method(s) description for C1-tyres. C2, C3 tyre at a later stage. Market assessment and threshold definition at a later step.
Autonomous Vehicles	Screening of GRPE Regulations on the readiness for Autonomous Vehicles	All GRPE Regulations	TF-AVRS	Deadline for screening on request of WP.29 => March 2024 [Further actions tbd]	[NL]	First action is screening, further actions for GRPE need to be discussed.

**Subjects under consideration by the Working Party on Pollution and Energy (GRPE)
at its 89th 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)		
[168] (Global Real Driving Emissions)		
4.1.2. Proposal for draft new UN Regulations		
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</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>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)		
24 (Laboratory Measurement of Brake Emissions for Light-Duty Vehicles)		
4.2.1. Proposal for developing new UN Global Technical Regulations 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) Environmental and Propulsion Performance Requirements (EPPR) for L-category vehicles Electric Vehicles and the Environment (EVE) Vehicles Interior Air Quality (VIAQ) Automotive Life Cycle Assessment (A-LCA)		For document symbols and its availability, please refer to the agenda of the latest session (GRPE/202X/1)