

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

GRPE						
Priority	Justification/Background information	References	Allocations /IWGs/TFs	Timeline	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.	UNR on RDE	IWG on RDE	June 2020	EC-JP-KR	Adopted in GRPE June 2020
		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	June 2022	EC	Delayed
		Amendment to UN Regulation No. 49 to reflect latest regulatory evolution	GRPE	January 2021	EC	Submitted earlier
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.	[tbd]	[IWG on LCA]	[2025]	[tbd]	to be discussed with GRPE in January 2022
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.	UN GTR No. 21 on DEVP	IWG on EVE	June 2020	US-CAN	Adopted by WP.29 November 2020
		UN GTR on in Vehicle Battery durability	IWG on EVE	June 2024 January 2022- June 2023	US-CAN, China, EC, Japan	1st version in GRPE Nov 2021
		Heavy Duty Hybrids	GRPE	[2022]	[tbd]	
	Sub-23 nm exhaust particles for light and heavy-duty	Amendments to UN GTR No.	IWG on PMP	June January 2022 +	EC	Light duty laboratory adopted

Particulate emissions: Provisions to limit airborne particulates from different sources	applications, in the laboratory and on the road	15 Resolution on HDV application				in GRPE June 2020 - still Development on-going for PEMS-PN and heavy duty application
	Brake emissions	New UN GTR	IWG on PMP	January 2023	EC	
	Tyre wear emissions	tbd	IWG on PMP / GRPE	[June 2023]	[EC]	

Commented [DP(1)]: Shifted to GRBP