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| *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 | 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. | tbd | IWG on LCA | 2023-2025 | tbd | to be discussed 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 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 | 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 | 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 UNR | TF TA GRBP/GRPE | June 2023 | EC-FR | TF TA operating under GRBP . GRPE and IWG PMP directly participating] |