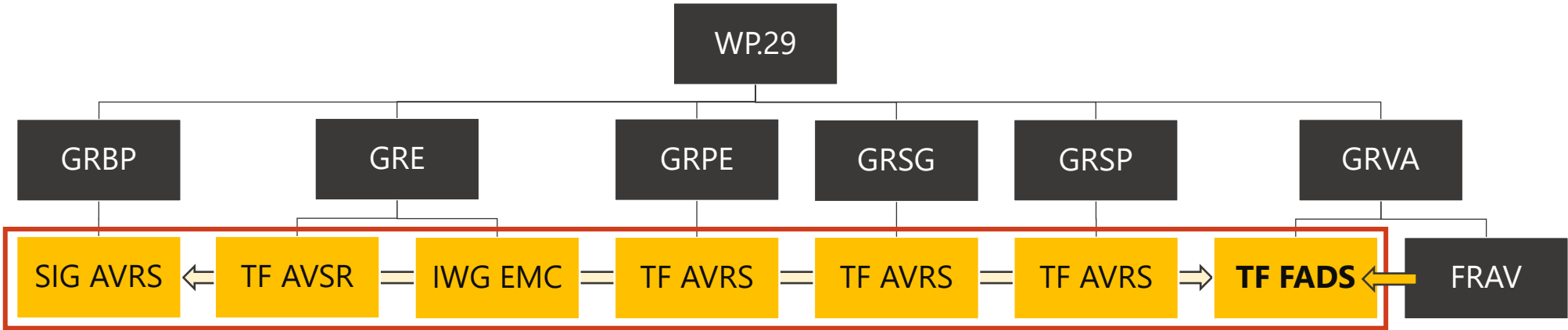


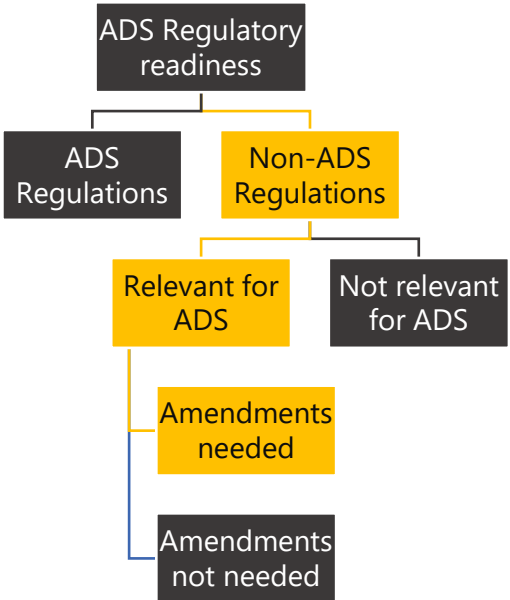
Task force on regulatory **Fitness** for **ADS**

Status report

Context and purpose



Expert groups on regulatory fitness for ADS



- Contracting Parties and the industry need a regulatory environment for automated vehicles, including non-ADS Regulations
- Which existing Regulations are relevant for automated vehicles? Which ones need to be amended before being applicable to ADS vehicles?
- The WP.29 expert groups on regulatory fitness for ADS are screening and amending these relevant UN Regulations and GTRs

Recent actions

Report to WP.29 (WP29/2023/86) (re-submitted with translation as GRVA/2023/18):

- Contains global results, summary sheets for each screened Regulations
- Adopted by WP.29 (and GRVA/2023/18 endorsed by GRVA)
- Will be updated in March 2024 to reflect the continued progress of the groups

Current mandate

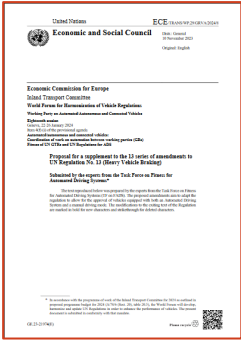
- All groups may start **drafting amendments** to proposed “priority Regulations”
- The groups shall present a **timeline** for amending relevant regulations at **WP.29 in March 2024**
- **Coordination** between groups shall continue for common definitions, translations and solutions to cross-GR issues

Meetings since last GRVA

- October 2023 (hosted by FR) – 1st joint meeting of the fitness groups and 11th FADS meeting
- November 2023 (remote) – 12th FADS meeting
- January 2024 (hosted by FR) – 13th FADS meeting

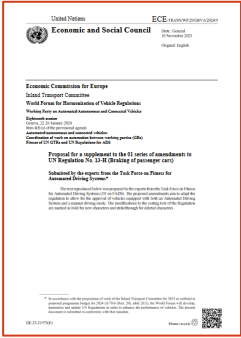
Result: amendment proposals to UN R13, R13-H and R79 for ADS vehicles

Documents for the 18th session of GRVA



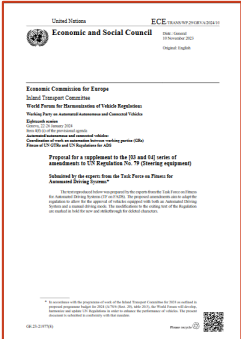
GRVA/2024/8
Supplement to **R13**

GRVA-18-30
Am. To GRVA/2024/8



GRVA/2024/9
Supplement to **R13-H**

GRVA-18-31
Am. To GRVA/2024/9



GRVA/2024/10
New supplement to **R79**

GRVA-18-32
Am. To GRVA/2024/10

Informal Document GRVA-18-33
With GRVA, 22-23 January 2024
Functional agenda item 4 (a) (i)

QUESTIONS AND ANSWERS

Regarding the proposals for amendments to UN Regulations Nos. 13, 13-H and 79
(ECE/TRANS/WP.29/GRVA/2024/8, 9 and 10)

This document was prepared by the experts of the task force on regulatory fitness for automated driving systems (TF on FADE), based on the proceedings of the 11th, 12th and 13th meetings of the task force.

Ia. Scope of the Regulations and “dual-mode” vehicles

Question: GRVA agreed during its 13th session, and as requested by FADE, that the amendment proposals should only tackle “dual-mode vehicles”. However, the proposals as submitted only mention “manual controls”. Why did FADE not strictly follow the guidance from GRVA?

Answer: The purpose of limiting the scope of these first amendments was to benefit from the fact that vehicles must be equipped with the manual controls requested by the Regulations as they are currently worded, which checked to reduce the number of parameters to amend.

Ib. Scope of the Regulations and Automated Lane Keeping Systems

Question: Why do the proposals exclude vehicles equipped with an Automated Lane Keeping System (ALKS), as defined in UN Regulation No. 157?

Answer: The intention of the proposed amendments was to not affect vehicles approved under UN Regulation No. 157. Consequently, ALKS vehicles were exempted from the proposed “special provisions” on ABE vehicles. Otherwise, technical characteristics of already approved ALKS vehicles could be affected, e.g. on the detection of medicated failures in lane-keeping system. However, the definitions proposed to paraphrase other than the “special provisions” do apply to ALKS vehicles.

Furthermore, ALKS vehicles already comply with harmonized requirements of a UN Regulation on ABE, namely UN Regulation No. 157. Therefore, the paragraphs (such as 3.3.1. in R79) requiring demonstration of compliance with national/regional regulations for ABE and the required declaration of the manufacturers are redundant.

GRVA-18-33

Questions and Answers

Next steps and priorities

- **Priority 1:** Full focus on **amendments to R13, R13-H and R79** for all ADS vehicles
- **Priority 2: Support other expert groups** on their amendment proposals and coordinate common items
- Schedule of alternating short and long meetings in 2024
 - Potential alignment of dates with GRSG/GRVA TF AVC for in-person meetings
- FADS aims to present amendment proposals at the 21st GRVA session in **January 2025**
- The remaining relevant GRVA Regulations (R78, R90, GTR3) will be amended afterwards (timeline to be aligned with the other fitness expert groups)

Requesting validation from GRVA

- **Priorities:** amendments, support, coordination
- **Timeline** of January 2025 for R13, R13-H and R79