

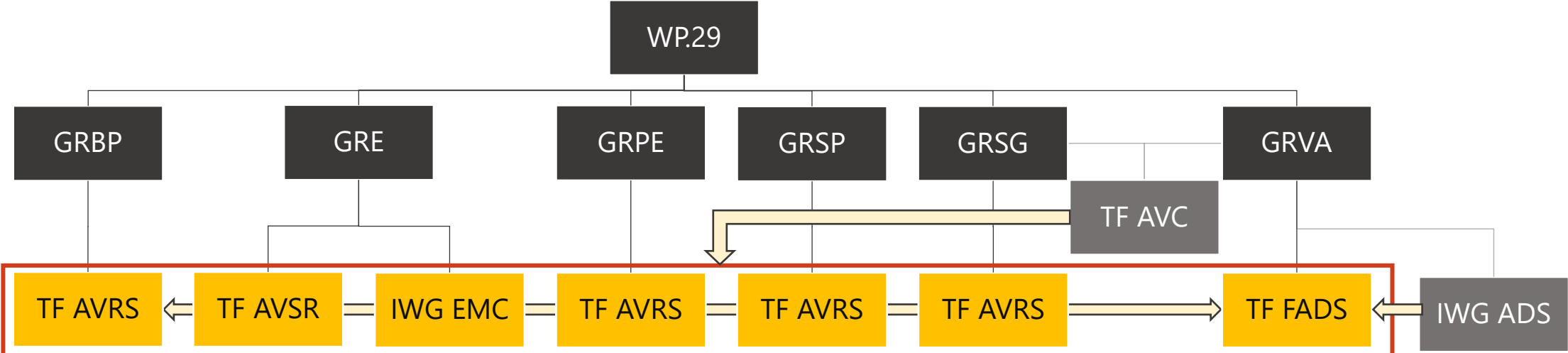
Submitted by the co-chairs of the task force on
regulatory fitness for automated driving systems
(TF FADS)

Informal document **GRVA-19-49**
19th GRVA, 25 June 2024
(For review at the
Troy meeting 20 to 24 May 2024
Agenda item No. 4(h)(i))

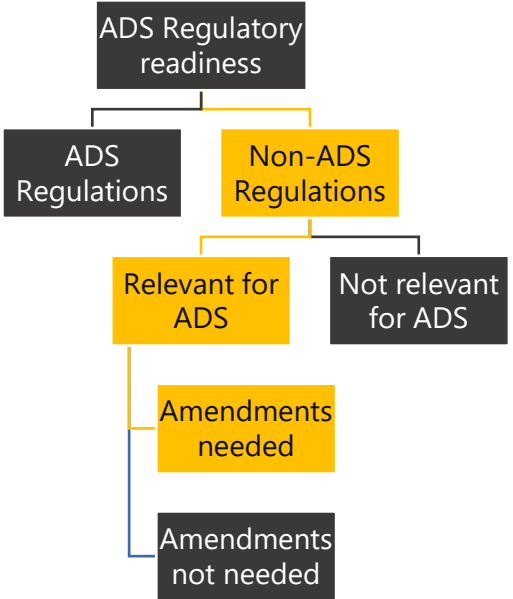
Task Force on regulatory **F**itness for **A**utomated **D**riving **S**ystems

Status report

Context and purpose (1/2)

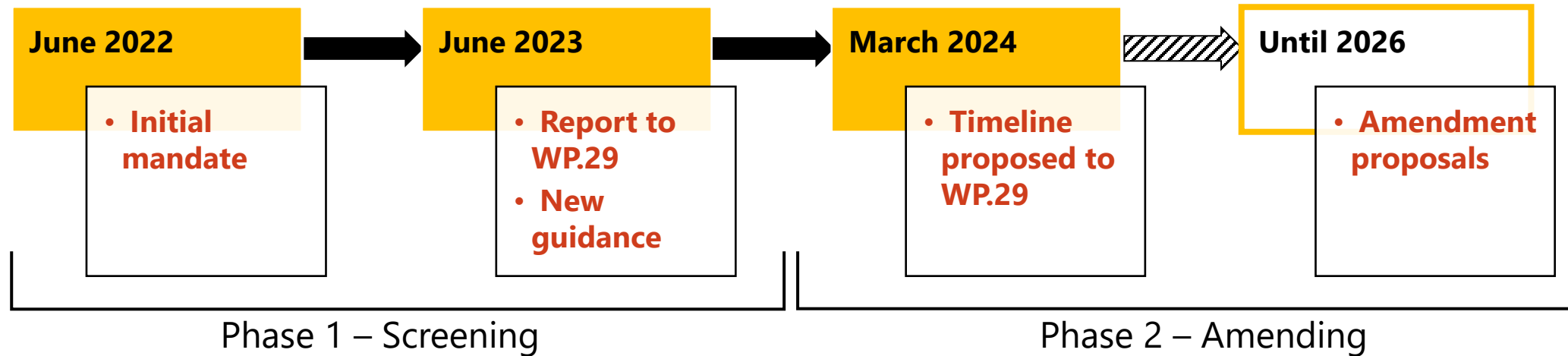


Expert groups on regulatory fitness for ADS



- 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 UN GTRs

Context and purpose (2/2) – Work of all WP.29 expert groups



Initial mandate

- Scan UN Regulations and GTRs to determine which ones are relevant for automated vehicles, including those with or without manual controls, those without occupants, etc.

Report to WP.29 (ECE/TRANS/WP.29/2023/86, updated version WP.29-192-18):

- Contains global results, summary sheets for each screened Regulations
- Has been updated and submitted as an informal document to the 192nd session of WP.29

New guidance from WP.29 in June 2023

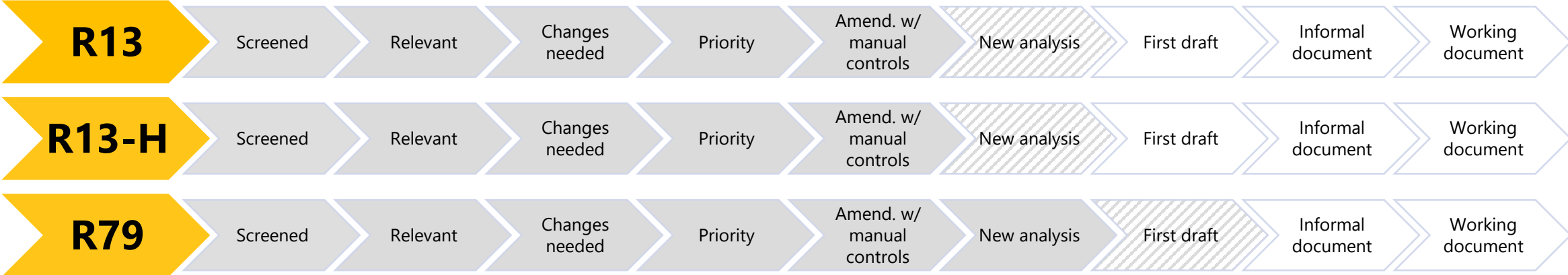
- All groups may start **drafting amendments** to proposed “priority Regulations”
- **Coordination** between groups shall continue for common definitions, translations and solutions to cross-GR issues

In March 2024, the expert groups proposed a harmonised timeline to WP.29 (WP29-192-17)

Status of GRVA Regulations (overview)

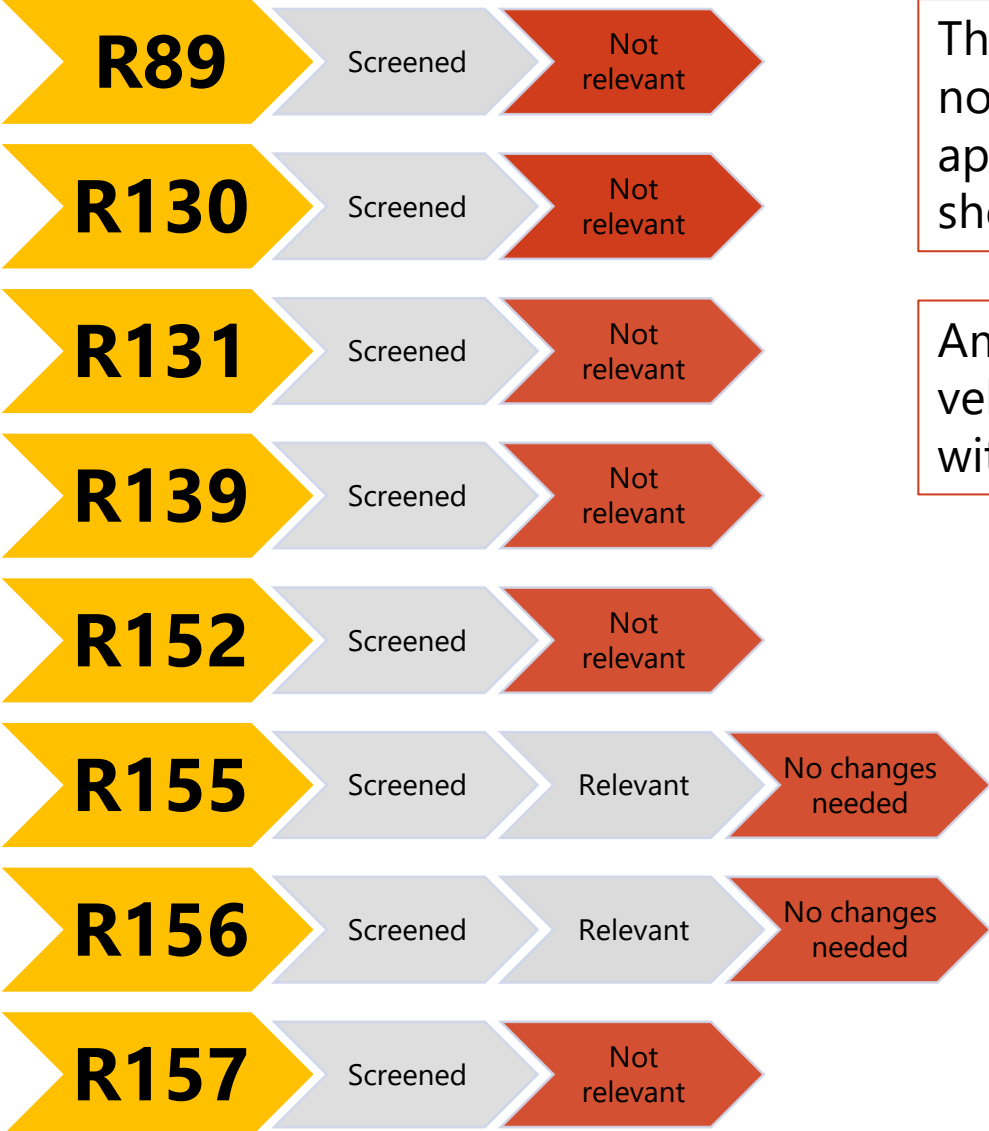


Status of GRVA Regulations (Regulations with active tasks)



UN Regulations Nos. 13, 13-H and 79 are the top priorities of FADS.
Active work is ongoing towards the production of first drafts in June 2024.

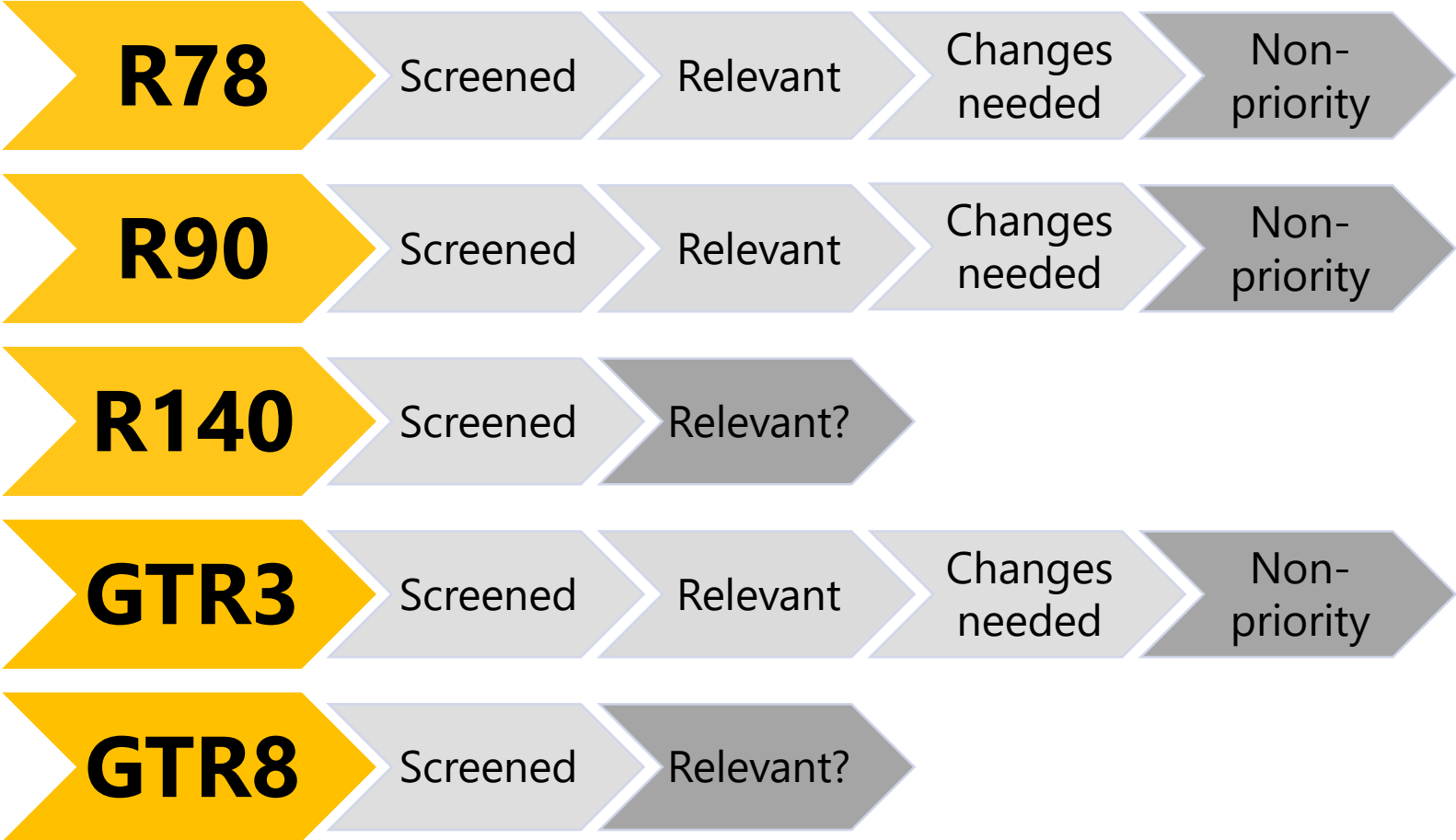
Status of GRVA Regulations (Regulations no longer considered)



These Regulations are no longer considered because they are not relevant for automated vehicles, because they are already applicable to automated vehicles, or because these functions should be covered by complying with the ADS Regulation.

Amendments may still be necessary to exclude automated vehicles from their scope, to insert requirements specific to ADS with transitions of control, etc.

Status of GRVA Regulations (Regulations on hold)

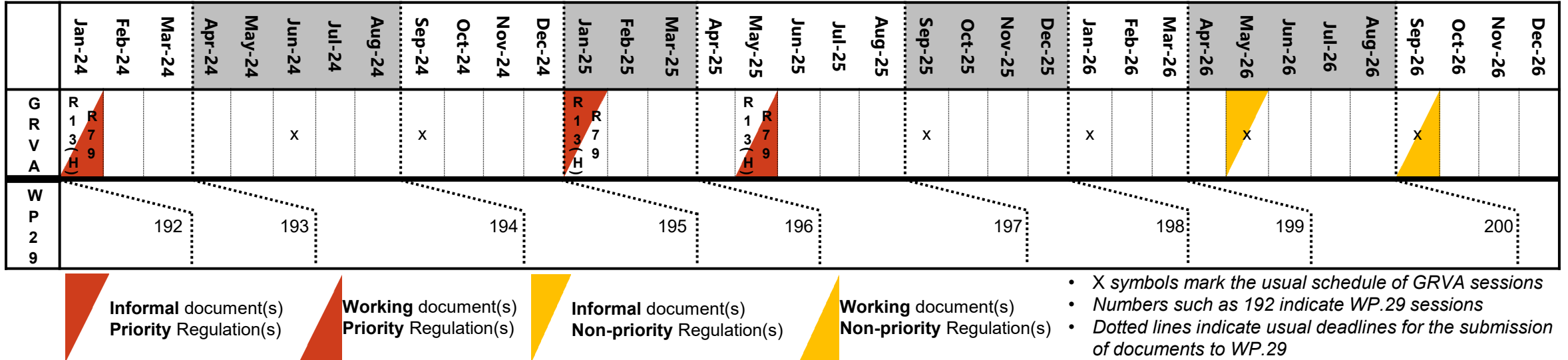


Non-priority Regulations will be amended in 2025 and 2026 depending on the priorities given by GRVA.

R140/GTR8 (ESC) were previously classified as “not relevant” (performance fulfilled by the ADS), but further research on these Regulations may be desirable.

Proposed timeline — 2024 to 2026, as presented at the 192nd session of WP.29

(below is a **tentative timeline**; the schedule of meetings, and adoption of working documents, is the prerogative of WP.29 and its subsidiary Working Parties)



- **January 2024: working documents for R13, R13-H and R79 (with manual controls) adopted by GRVA**
- January 2025: informal documents for R13, R13-H and R79 (without manual controls)
 - May 2025: working documents
- After September 2025: documents for other GRVA Regulations, depending on new priorities
 - Candidates include R78 (braking of vehicles of Category L), R140/GTR8 (ESC)

Other recent activities

Harmonization and support to other GRs

- Information sharing and harmonization
- Centralization and consolidation of guidelines for translations and ADS-relevant keywords
- Support to GRE TF AVSR on R48 proposal for amendments regarding ADS

Special meeting with experts from the United States

On 22 May 2024, experts from the United States Department of Transportation's National Highway Traffic Safety Administration (NHTSA) presented their national activities on ADS considerations for Federal Motor Vehicle Safety Standards (FMVSS) to FADS.

FADS expressed its appreciation for the extensive work of NHTSA on their national standards, and welcomes further collaboration with the United States.

Schedule for 2024

Amendments to GRVA Regulations:

- **June 2024:** meeting in Bristol, United Kingdom (hosted by UK VCA)
- **September 2024:** meeting in Brussels, Belgium (hosted by EC)
- **November/December 2024 (tbc):** meeting in China (hosted by CN)

Harmonisation and support to other GRs:

- **June 2024:** Joint meeting of the WP.29 expert groups in London, United Kingdom (hosted by UK)
- Proposed date of next update of the expert groups to WP.29: **194th session in November 2024**
 - Main deliverable: guidelines on technical translations