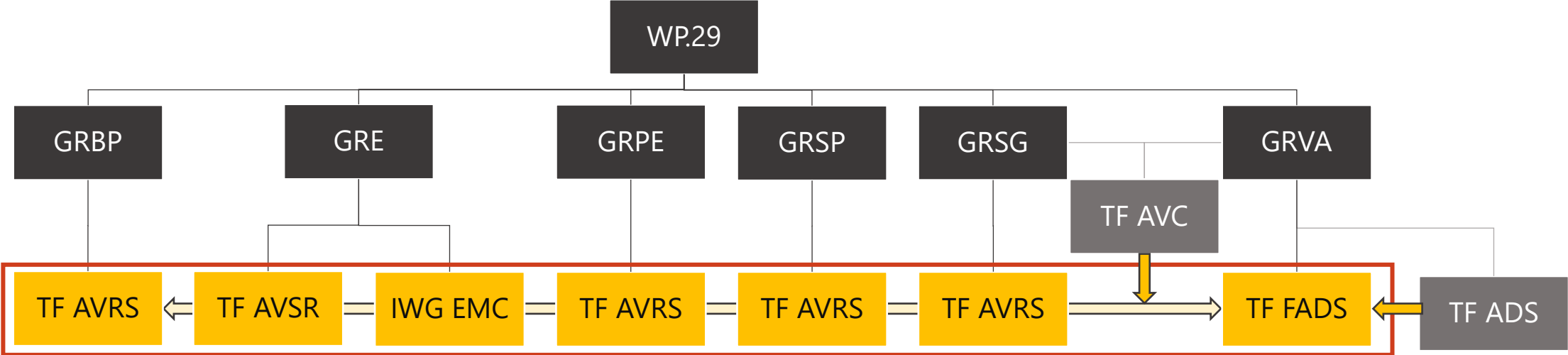


Regulatory fitness for Automated Driving Systems

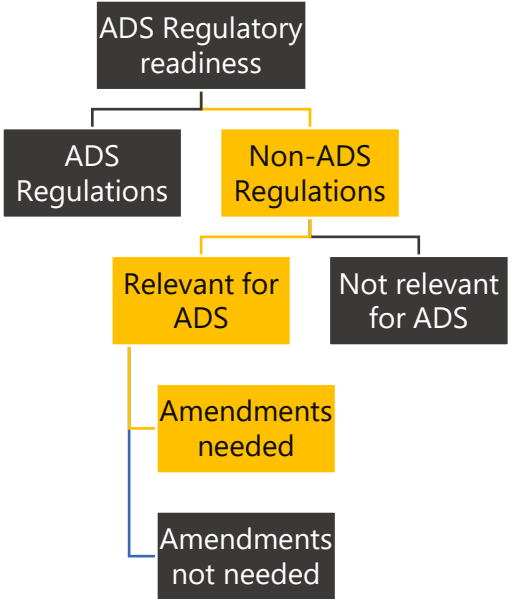
Status report

GRBP TF AVRS — GRE TF AVSR — GRE IWG EMC — GRPE TF AVRS — GRSG TF AVRS — GRSP TF AVRS — GRVA TF FADS

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 GTRs

Context and purpose (2/2)

Report to WP.29 (WP29/2023/86):

- Contains global results, summary sheets for each screened Regulations
- Adopted by WP.29 (and GRVA/2023/18 endorsed by GRVA)
- Has been updated and submitted as an informal document to the 192nd session of WP.29

Guidance received from WP.29 in June 2023

- All groups may start **drafting amendments** to proposed “priority Regulations”
- The groups shall propose 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

Activities since June 2023

Individually

- GRBP TF AVRS started its detailed analysis of changes required in priority Regulations
- GRE IWG EMC and GRE TF AVSR submitted working documents (R10 and R48) to the 89th and 90th sessions of GRE
- GRPE TF AVRS completed the screening of most Regulations under its purview
- GRSB TF AVRS started the process of identifying amendments for R107
- GRSP TF AVRS started the classification of required changes and the identification of stakeholders to consult (WP.1, WP.15)
- GRVA TF FADS submitted working documents (R13, R13-H and R79) at the 18th session of GRVA (adopted)

Collectively

- Re-submission of the original report WP29/2023/86 with translation as GRVA/2023/18
- **Joint meeting** to discuss common topics in Paris, France on 16–17 October 2023
- Active support to the GRSB/GRVA joint task force on automated vehicle categories

Rationale for the proposed timeline

Internal factors

- The availability of experts on each relevant Regulation and on ADS technology is limited
- Some Regulations require interactions between the GR expert group and the IWG/TF on that specific Regulation
- Multiple testing protocols must be reworked
- Common tools (such as technical translations) can now be built based on the first amendment proposals, such as those adopted at the 18th GRVA session in January 2024.

External factors

- Work of GRSG/GRVA joint task force on **automated vehicle categories** started in 2024
- **UN Regulation and GTR on ADS** expected in 2026

Proposed timeline — 2024 to 2026

(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)

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26			
GRBP		X							X					X							X					X								X					
GRE				10R07 048						X						X						X															X		
GRPE	X				X					X																			X							X			
GRSG				R107						X						R107						X						X								X			
GRSP					X						X						X						X						X								X		
GRVA	R13(H) 79				X				X				R13(H) 79				R13(H) 79					X				X				X					X				
WP29			192		193					194				195								196					197									198		199	200

Pending final review of GRPE Regulations

 Informal document(s) Priority Regulation(s)	 Working document(s) Priority Regulation(s)	 Informal document(s) Non-priority Regulation(s)	 Working document(s) Non-priority Regulation(s)
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- X symbols mark the usual schedule of GR sessions
- Numbers such as 192 indicate WP.29 sessions
- Dotted lines indicate usual deadlines for the submission of documents to WP.29

Planned joint activities

- Increased frequency of **online joint meetings** to:
 - Share progress
 - Check amendment proposals
 - Consolidate technical translation guidelines
- At least one **in-person joint meeting** in 2024 for coordination of work, discussion on open issues and preparation of deliverables
- Proposed date of next update to WP.29: **194th session in November 2024**
 - Main deliverable: guidelines on technical translations