

# 29<sup>th</sup> Session Status Review and Session Orientation

---

Web Conference

15 June 2022



# Adoption of the agenda

Agenda item		Documentation
1. Adoption of the agenda	12:45-12:50	FRAV-29-01
2. Session orientation and status review	12:50-13:10	FRAV-29-03
3. FRAV mandate extension	13:10-14:10	
3.1. FRAV amendment		
3.2. FRAV milestones		
3.3. VMAD coordination		
4. FRAV work plan	14:10-15:45	
4.1. 30 <sup>th</sup> FRAV session dates/venue		
4.2. 30 <sup>th</sup> FRAV session objectives		
4.3. Preliminary discussion		
5. Other business	14:45-15:00	
5.1. Presentation of Rules of the Road concept to WP.1		(UK)
6. FRAV status and next steps	15:00-15:15	
6.1. Next session: [19-21 July, Paris]		
6.2. Future sessions (tentative)		
6.2.1. 13-14 September		
7. Any other business		

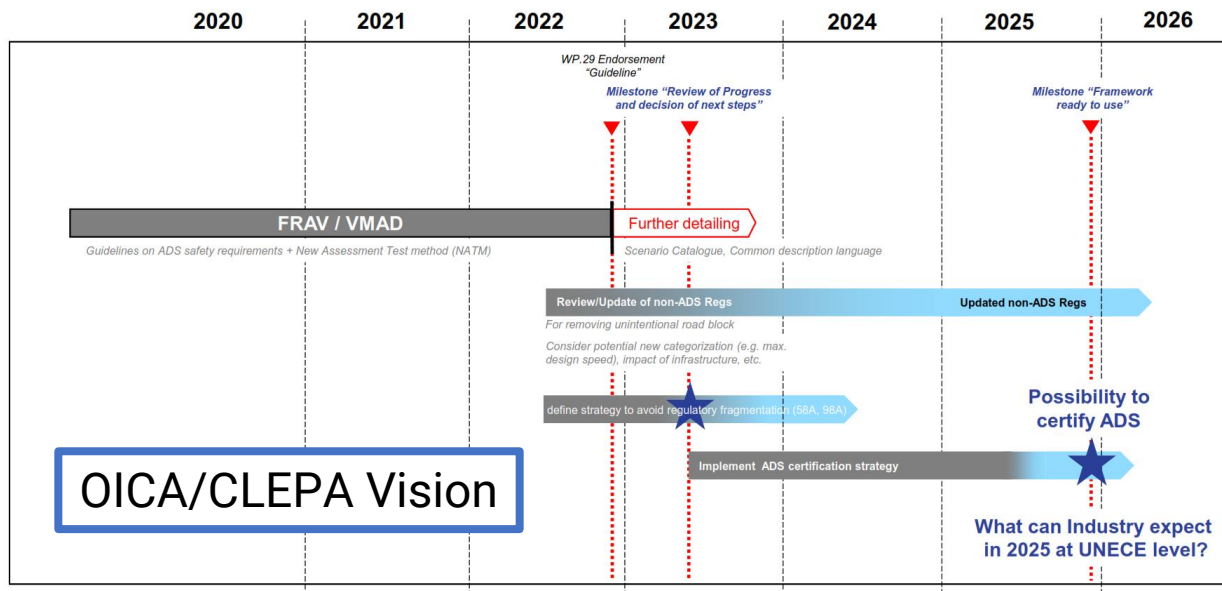
The FRAV mandate will be extended until June 2024. Two additional years to fully deliver on current Terms of Reference.

- Reported on FRAV status to GRVA
  - Draft FRAV guidelines and recommendations (GRVA-13-36)
  - FRAV status report (GRVA-13-37)
- FRAV mandate extension to June 2024
  - Endorsed by GRVA for recommendation to WP.29
  - Formal decision during June WP.29 session
  - VMAD mandate extension to June 2024
- Other stakeholder input to GRVA
  - OICA/CLEPA vision for ADS regulatory roadmap (GRVA-13-18)
  - ITU/T “Molly problem” technical report (GRVA-13-34) Data recording, eCall responses, etc. to driverless vehicle-VRU collision in absence of witnesses

# Mandate extension

- Two steps:
  - Complete “current tasks” June 2023
  - Deliverable for June 2024
- GRVA chair and secretary to draft amendment to FDAV
- **Views on the FDAV amendment?**

GRVA agreed that the group would finalize its current tasks during the first 12 months of the mandate extension. GRVA requested the Chair and the Secretary to draft an amendment proposal to the Framework Document on Automated/Autonomous Vehicles (FDAV), detailing the envisaged milestones of FRAV for the extended mandate including a preview for the time beyond.



## Implications?

- March 2023: Interim FRAV document (companion to VMAD Master Document)
- March 2024: Complete FRAV/VMAD documents fulfilling mandates
- November 2025: Legal text(s) under one or more Agreements

# Mandate extension

Title	Description of work / ECE/TRANS/WP.29/2019/2	Corresponding principles/elements	Allocation to	Main targets	Activities		Deliverable/ Deadline for submission to WP29
					Current activities	Future Activities	
Functional Requirements for automated/ autonomous vehicles)	This work item should cover the functional requirements for the combination of the different functions for driving: longitudinal control (acceleration, braking and road speed), lateral control (lane discipline), environment monitoring (headway, side, rear), minimum risk manoeuvre, transition demand, HMI (internal and external) and driver monitoring. This work item should also cover the requirements for Functional Safety.	a. System safety b. Failsafe Response c. HMI /Operator information d. OEDR (Functional Requirements) e. Operational Design Domain  <div style="border: 1px solid black; padding: 5px; display: inline-block;">Terms of Reference</div>	GRVA/  FRAV informal group	Automated / Autonomous vehicles	Identification and definition of high-level performance requirements for ADS	Draft initial WP.29 guidelines for ADS safety requirements based on "current activities" including the requirements on motorway use case.	March 2021
					High-level definition of safety of ADS and mandatory manufacturer description of ADS		Proposal for WP.29 guidelines on ADS safety requirements
FRAV deliverables as adopted in November 2021 (WP.29/2021/151)							GRVA of September 2021 for delivery to WP.29 of November 2021 (information) / March 2022 (endorsement)
							GRVA of February 2022 for delivery to WP.29 of March 2022 (information)/ June 2022 (endorsement)

- Propose to hold face-to-face session in July
  - Define work plan: mandate, milestones, status of work, open issues, objectives, paths, organization...
  - 19-21 July available at OICA facilities in Paris
    - Dates conflict with TRB-ACTS in California
    - Prior week not feasible in Paris (Bastille Day on 14<sup>th</sup>)
    - Following week not feasible (experts unavailable)
- Preliminary input?
  - Vision for Document 5 by March 2023...
  - Agenda/structure for FRAV-30 discussions...
  - Issues, hurdles on the critical path...
  - Views on March 2024 deliverable and cooperation with VMAD...

## **FRAV Calendar**

[Session 30: 19-21 July]

[Session 31: 13-14 September]

GRVA meets during 26-30  
September.