

# ADS IWG Status Report

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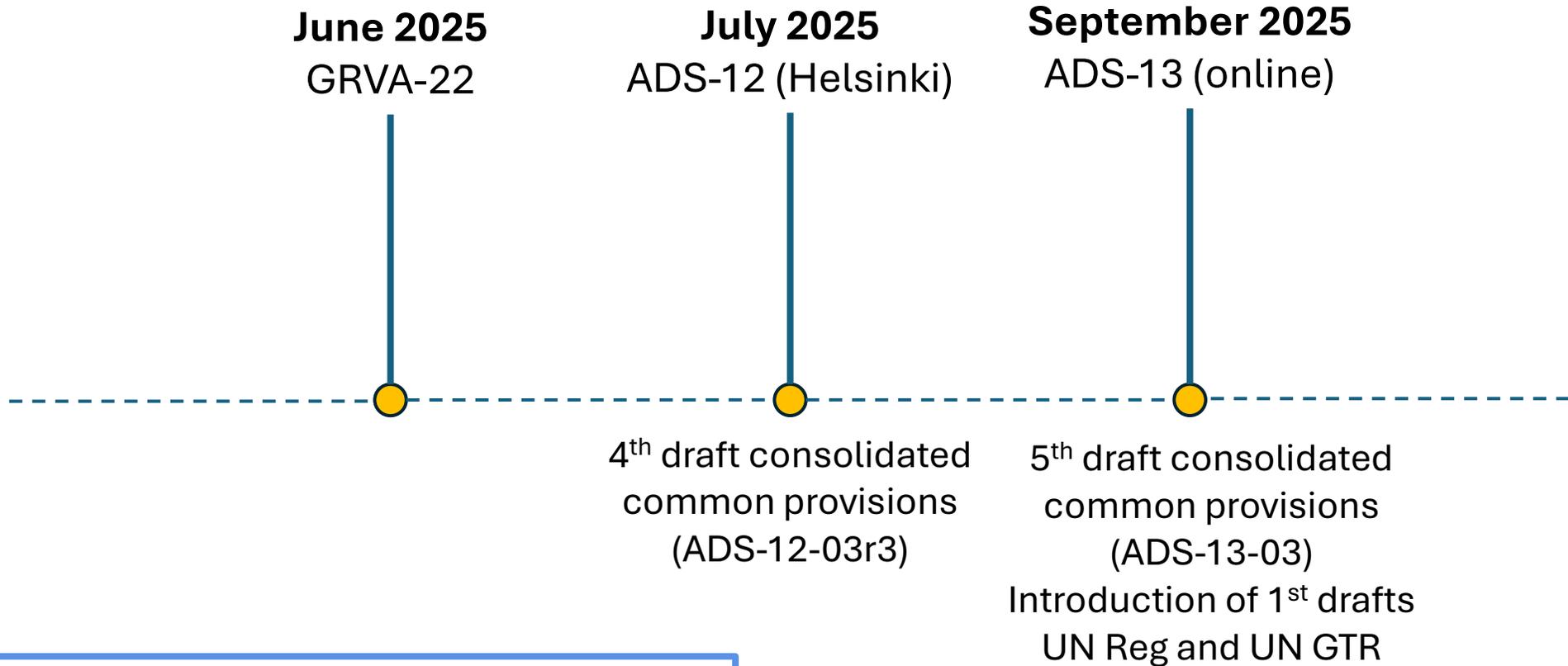
Report to GRVA



# Content

- Progress since 22<sup>nd</sup> GRVA (slide 3)
- Overview of the common provisions (slides 4-8)
- Forward planning (slides 9-11)
  - Timeline
  - Priorities for IWG #14 (Canada) and beyond
- Key points for GRVA (slide 12)

# Progress since 22<sup>nd</sup> GRVA (June 2025)



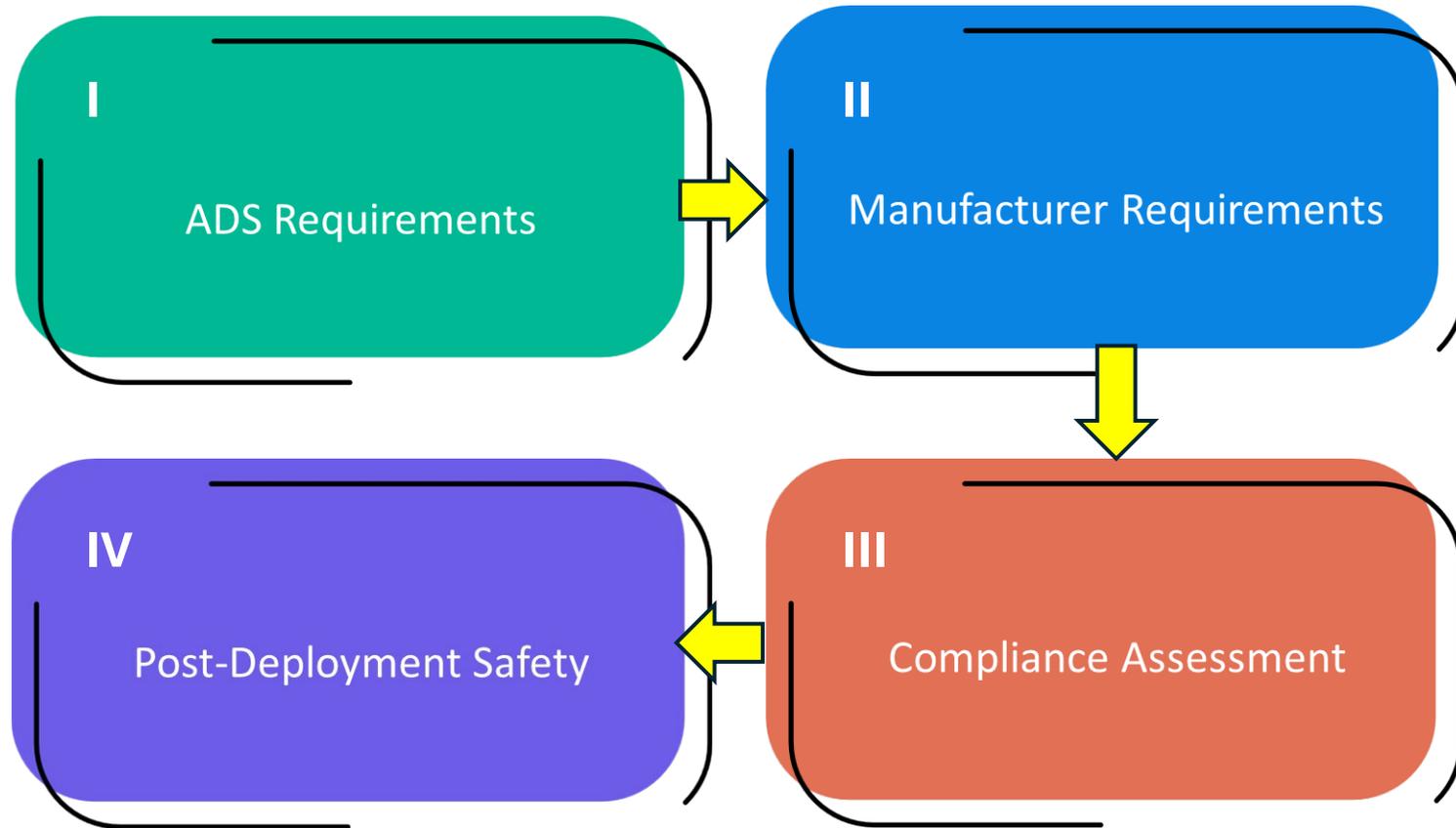
Two hybrid and online sessions dedicated to “common provisions” applicable to both a GTR and a UN Regulation.

GRVA ADS Workshops | EDR/DSSAD IWG | FADS/AVRS/AVSR | AVC...

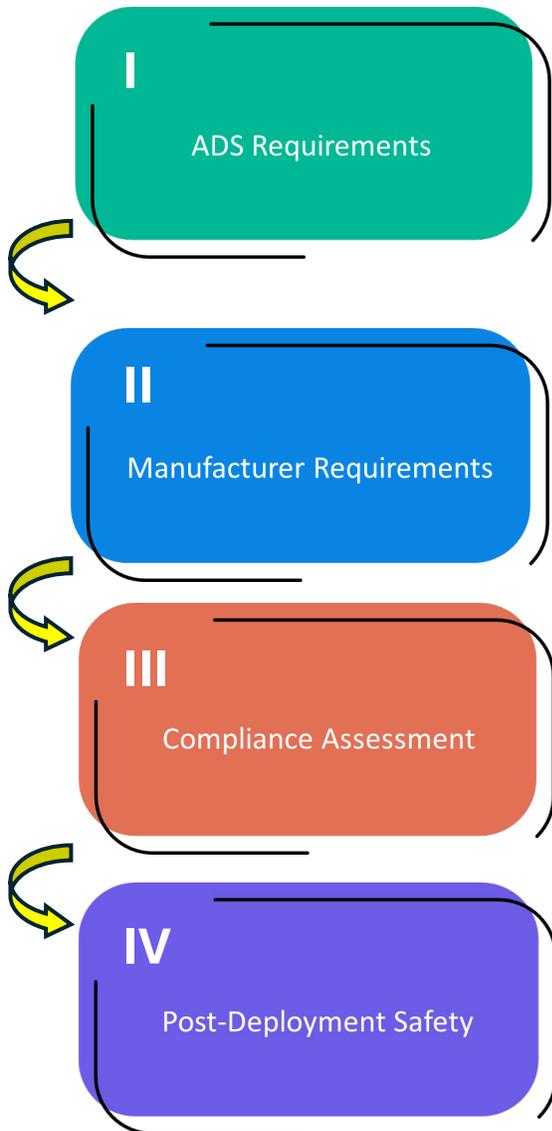
Liaison with other WP.29 IWG and task forces

# Overview of common provisions

## Main Components of the Common Provisions



# Overview of common provisions (ADS-13-03)



High-level requirements applied depending on ADS use case:

- Free from unreasonable risk (functional safety and ‘safety of the intended functionality’)
- DDT performance across nominal, critical, and failure traffic situations
- Safety of Interactions between ADS and ADS users
- Other safety requirements (cyber security, software updates, DSSAD, facilitating periodic technical inspection, managing signals from other systems)

Requirements on the manufacturer:

- Safety Management System
- Testing Environments
- Safety Case

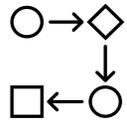
Assessment of manufacturer’s validation against requirements:

- Safety Management System Audit
- Testing Credibility Assessment
- Safety Case Assessment (including confirmatory testing)

Assess manufacturer capabilities based on in-service monitoring and reporting requirements:

- Safety monitoring
- Remedial actions if needed
- Short-term and periodic performance reporting

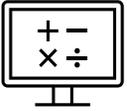
# II. Manufacturer requirements



## Minimum requirements for the manufacturer's safety management system

A Safety Management System (SMS) is a systematic approach to managing safety.

- Organisational safety policies, principles and culture
- Processes for risk management and ADS design and development
- Personnel competencies



## Minimum requirements for credible testing environments

Ensure that the physical test environments and toolchains (e.g. virtual testing toolchains) are appropriate for their use.



## Minimum requirements for providing a valid ADS safety case

Structured presentation of claims supported by SMS and testing outcomes that the ADS meets or exceeds the requirements of the regulation and is free from unreasonable risks to the ADS vehicle user(s) and other road users.



## Minimum requirements for in-service monitoring and reporting

Establishes minimum requirements for capabilities to monitor the performance of ADS in use and establishes requirements for reporting on ADS safety performance.

# III. Compliance assessments



## **Audit the Safety Management System**

Verify compliance with SMS requirements.  
A single SMS may cover multiple ADS.  
Periodic certification anticipated



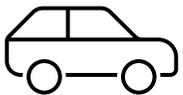
## **Assess test environment**

Verify the credibility of the manufacturer's ADS testing organisation and management, including application of SMS outcomes to ensure effective testing of the ADS.



## **Assess safety case**

Assess the safety case for completeness and robustness, and that each requirement of the regulation is addressed within the safety case. Assess that the ADS is free from unreasonable risk.

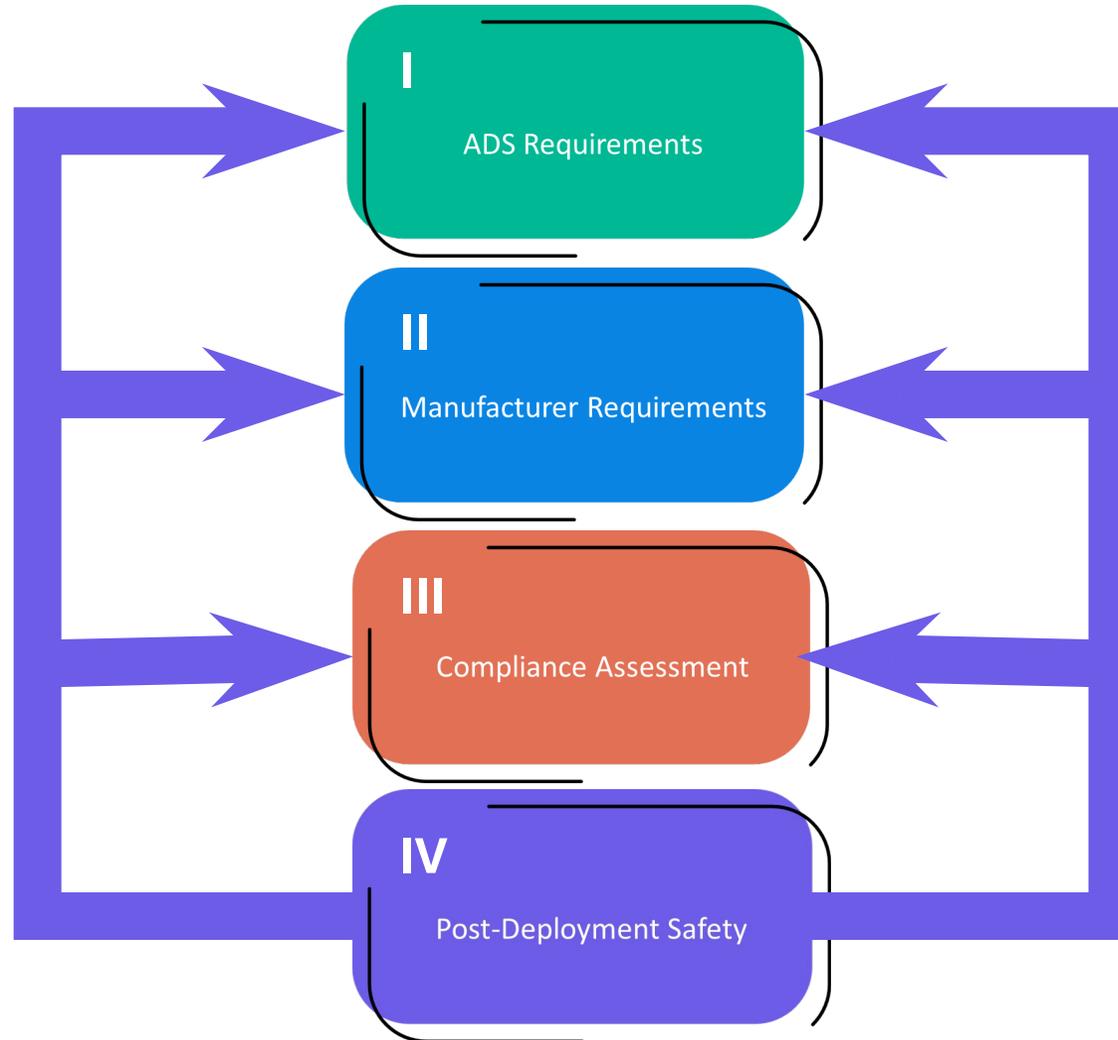


## **Perform confirmatory testing**

Confirm that the evidence provided by the manufacturer accurately represents the ADS performance.

# IV. Post-deployment safety

Capabilities to monitor ADS performance and comply with reporting requirements verified as part of initial ADS assessment

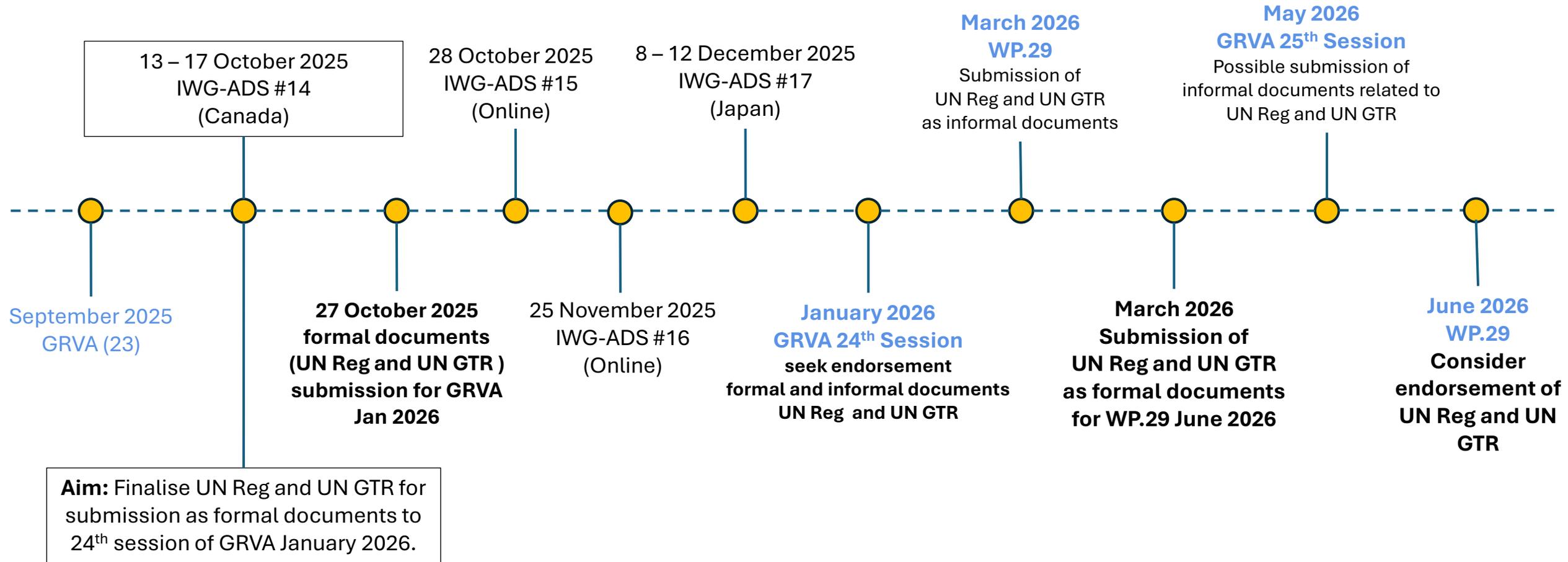


In-service monitoring and reporting provides feedback to assess effectiveness and support improvements

*“pre-approval”*

*“post-approval”*

# Plan going forward



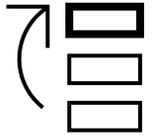
\* ADS IWG activities in 2026 not shown

# Priorities for IWG #14 (Canada)



## Aim of the meeting

Finalise working documents (GTR and UNR) for 24th session of GRVA January 2026 (submission deadline for working documents 27th October 2025).



## Priority items

Priority will be given to:

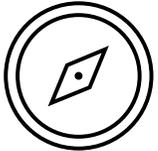
1. Close off remaining open items
2. Review and remove square brackets []
3. Integration of latest workshop text and DSSAD text
4. Address any 'major issues'



## Known remaining open items

1. Cybersecurity and software updating
2. Confirmatory testing
3. DSSAD
4. Concept of 'useful life'/'lifetime' of an ADS

# Looking beyond Canada



## Post-Canada priorities

1. Addressing any major issues not fixed during IWG-ADS #14 in Canada (informal documents prepared in the IWG-ADS meeting #15 in Tokyo 8-12 December submitted to GRVA #24 in January 2026)
2. Supporting workshop task 3 on developing the guidance document
3. Consideration of items for further amendments to the GTR and UNR ('parking lot' items)

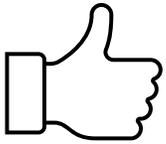


## Parking lot items

Parking lot items identified for further consideration by the IWG:

1. Allowing more expansive ADS to ADAS transitions
2. Defining remote assistance for an ADS

# 23<sup>rd</sup> session GRVA: key points



## **Please note**

Please note:

1. The progress of the IWG to date
2. The timelines, priorities and remaining open items of the IWG



## **Key documents**

Document [ADS-12-03/Rev.3](#) reflects the output of discussions up to and including our last hybrid meeting (meeting #12 Helsinki)

Documents from our online meeting in September (meeting #13) can be found on our [wiki page](#) (including draft UN GTR, UN Reg and side-by-side text) and will be further reviewed by the IWG in Canada.



## **Mandate**

Current mandate runs until June 2026.

Early discussions in IWG suggest further work beyond June 2026.

The IWG foresee a discussion on the mandate of the IWG in GRVA-24 (Jan 2026).

Thank you

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