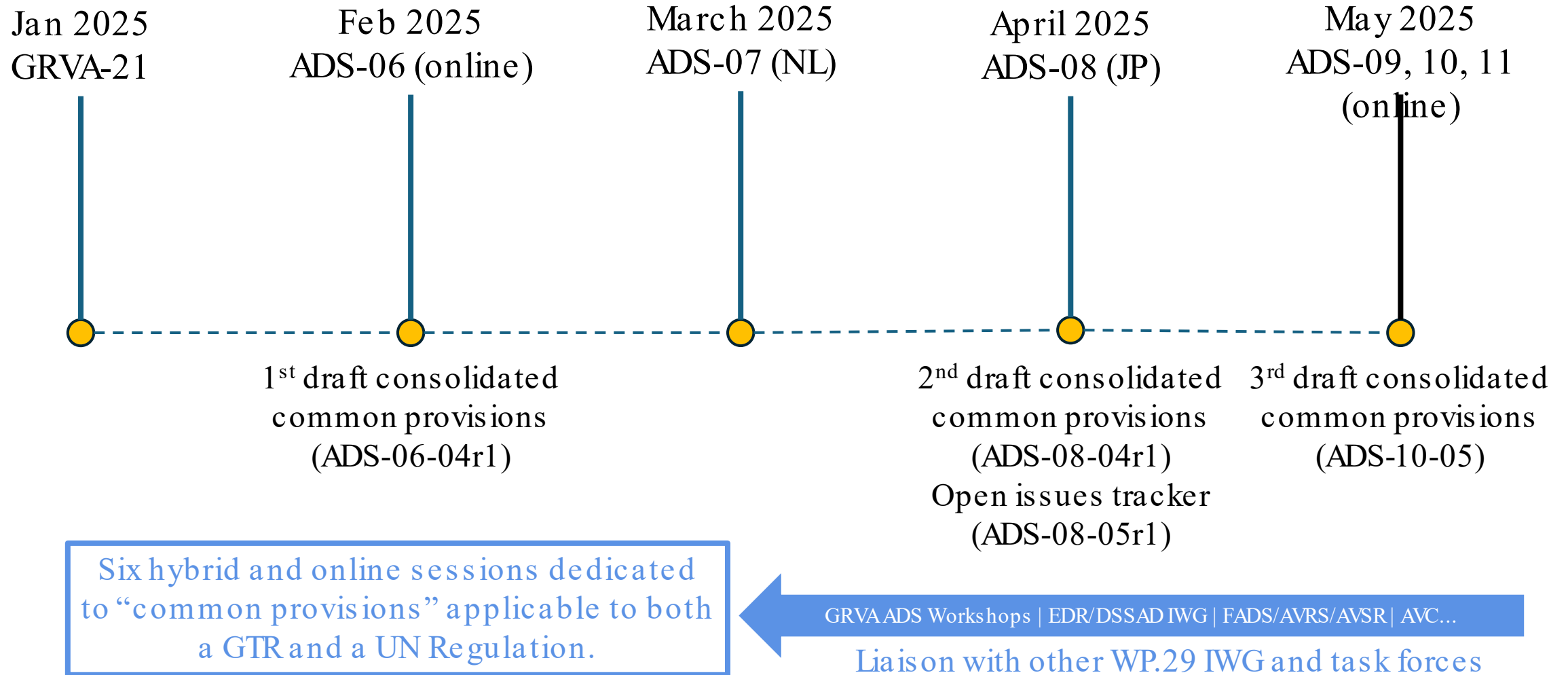


ADS IWG Status Report

Report to GRVA



Progress since GRVA last January



Overview of common provisions (ADS-10-05)

Document ADS-10-05
10th ADS IWG session
23 May 2025

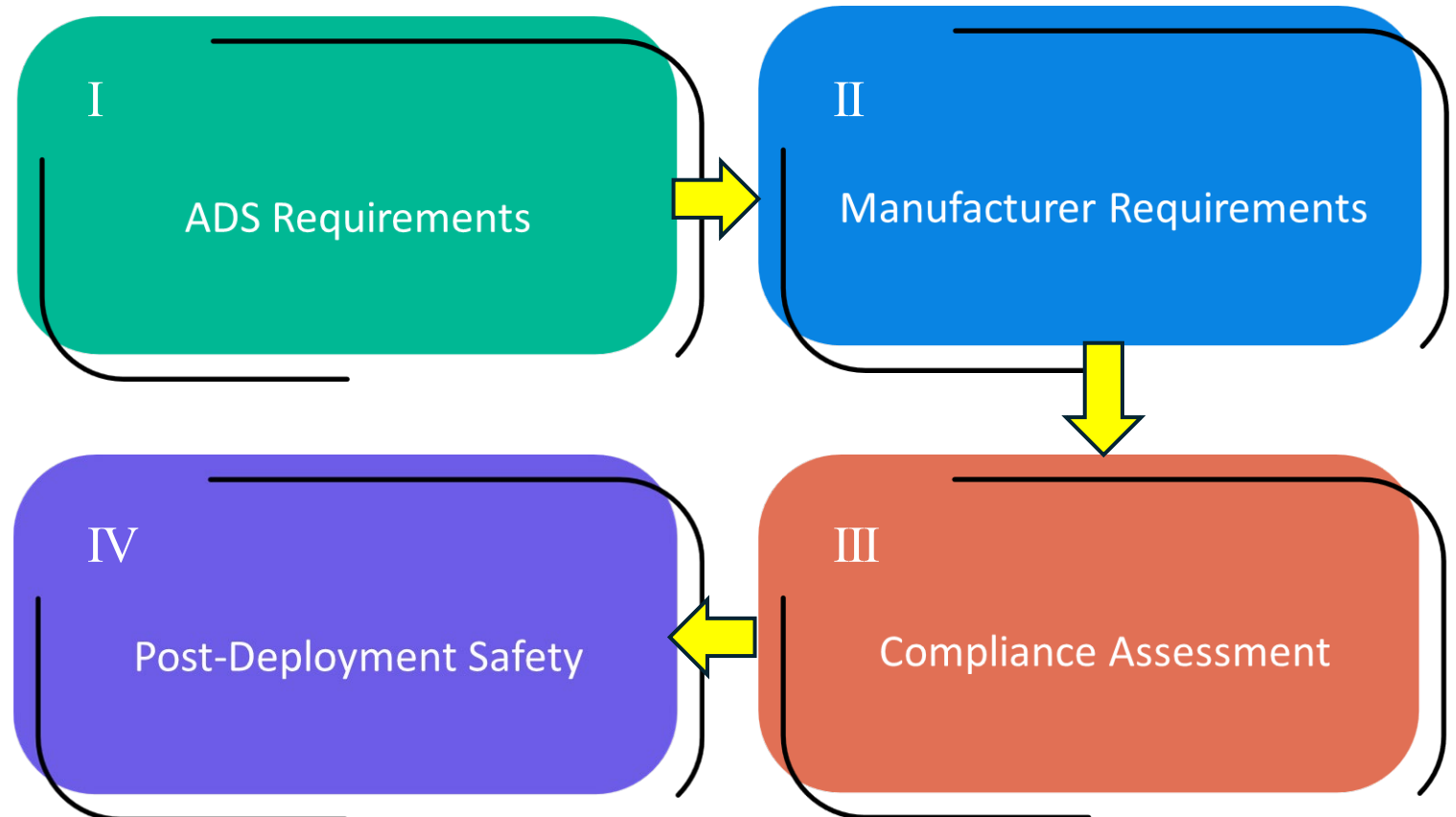
Consolidated Draft of Common Provisions on ADS Safety
(Version 1.5: 23 May 2025)

This document consolidates the ADS IWG work up to and including the 8th meeting in Tokyo in April 2025. This consolidated document will act as the base document going forward until separated into a draft GTR and a draft UNR (currently foreseen for the July ADS IWG meetings). Where text appears in two columns, the left and right columns present GTR and UNR variants, respectively, of the same provision.

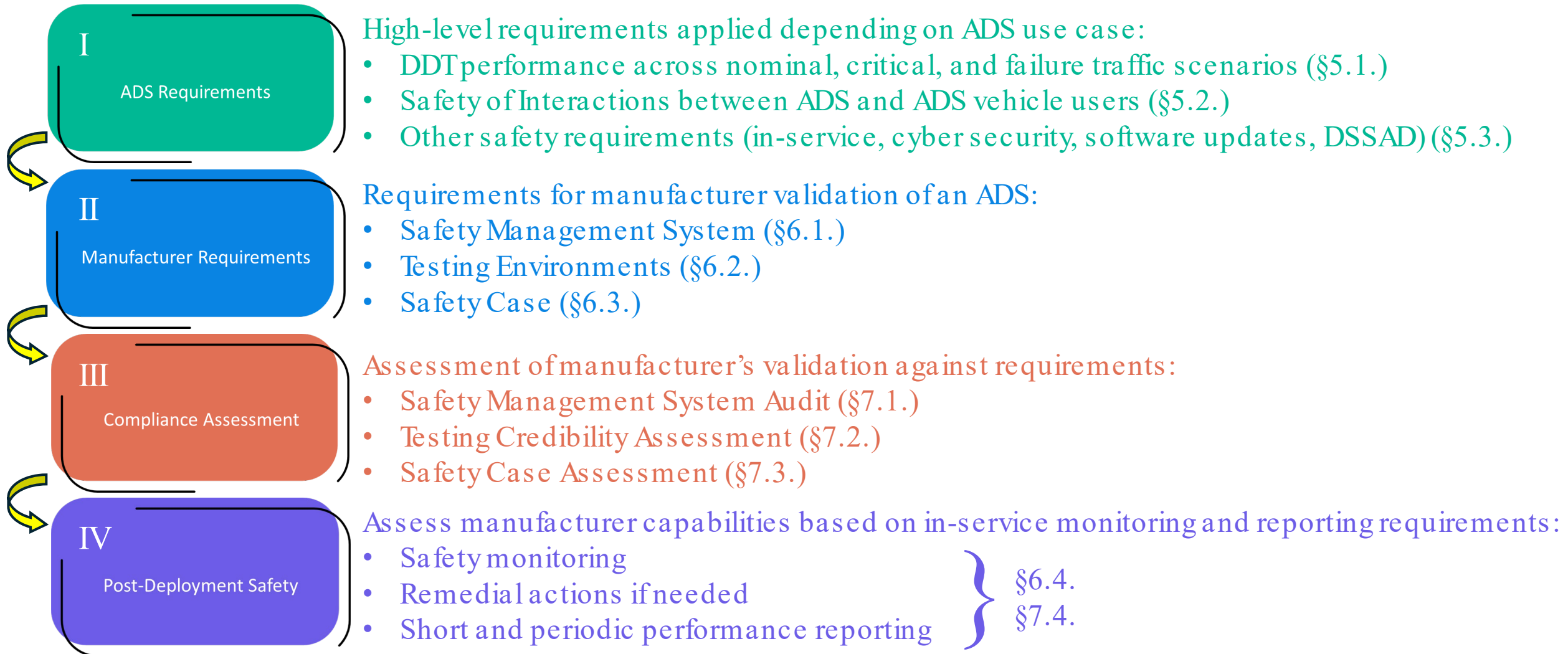
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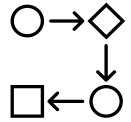
Main Components of the Common Provisions



Overview of common provisions (ADS-10-05)



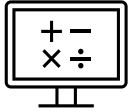
II. Manufacturer requirements



Minimum requirements for the manufacturer's safety management system (§6.1)

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 (§6.2)

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 (§6.3)

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 (§6.1) and reporting (§6.4)

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 (§7.1)

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



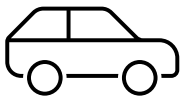
Assess test environment (§7.2)

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 (§7.3)

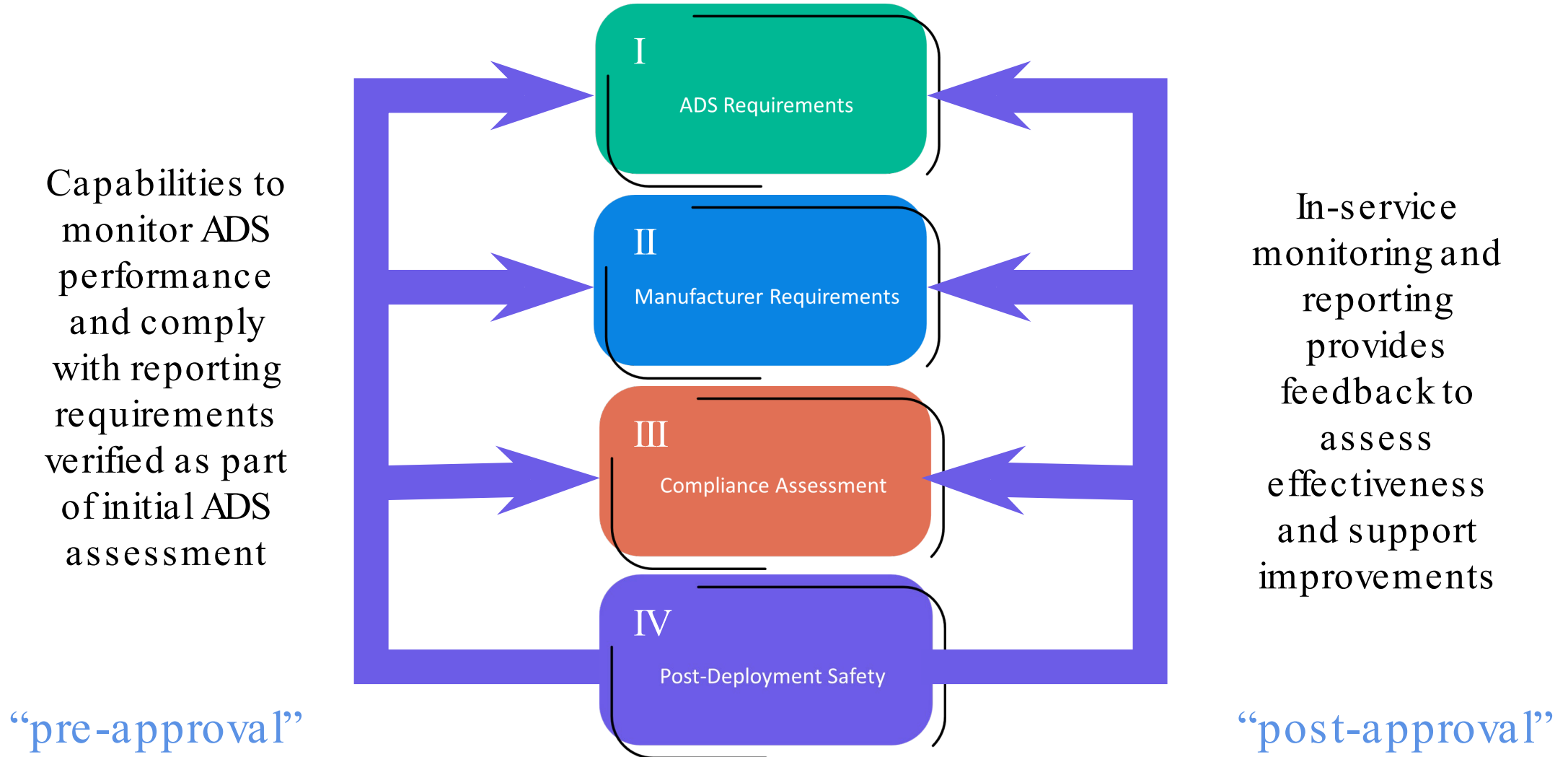
Assess the ADS safety concept and the claims, arguments, and evidence for its effectiveness against the ADS safety requirements and mitigation of safety risks identified per the SMS.



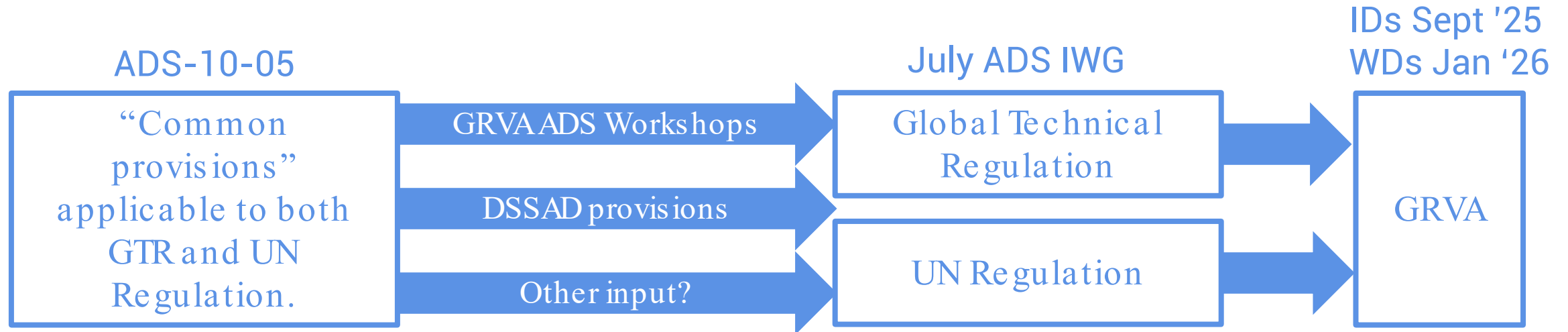
Perform confirmatory testing (§7.3)

Verify claims for behavioural competencies made in the safety case by selectively reproducing testing used to generate the evidence for those claims.

IV. Post-deployment safety

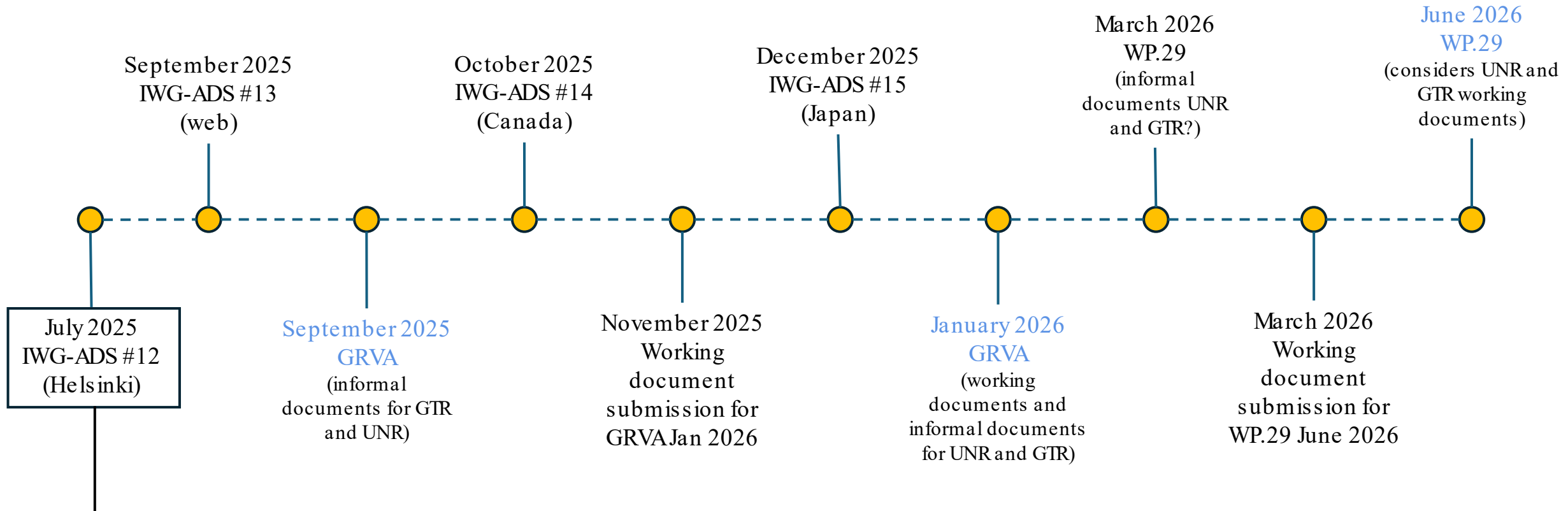


Outlook



- ADS IWG finalising common provisions.
- Input from GRVA workshops: awaiting further input.
- Input from EDR/DSSAD IWG: review of DSSAD guidance document and coordination ongoing.
GRVA feedback on expected integration outcome.
- Developing documents for GTR and UNR.

Plan going forward



Goals:

1. Complete 'common provisions'
2. Decisions on integration of DSSAD guidance
3. GTR and UNR integration document (structure and content placement for common provisions, deliverables 1 and 2 from GRVA workshops, and DSSAD guidance).

Note: Anticipate discussions on ADS IWG after formal submissions in early November 2025 (e.g., further work, terms of reference).

Thank you

