

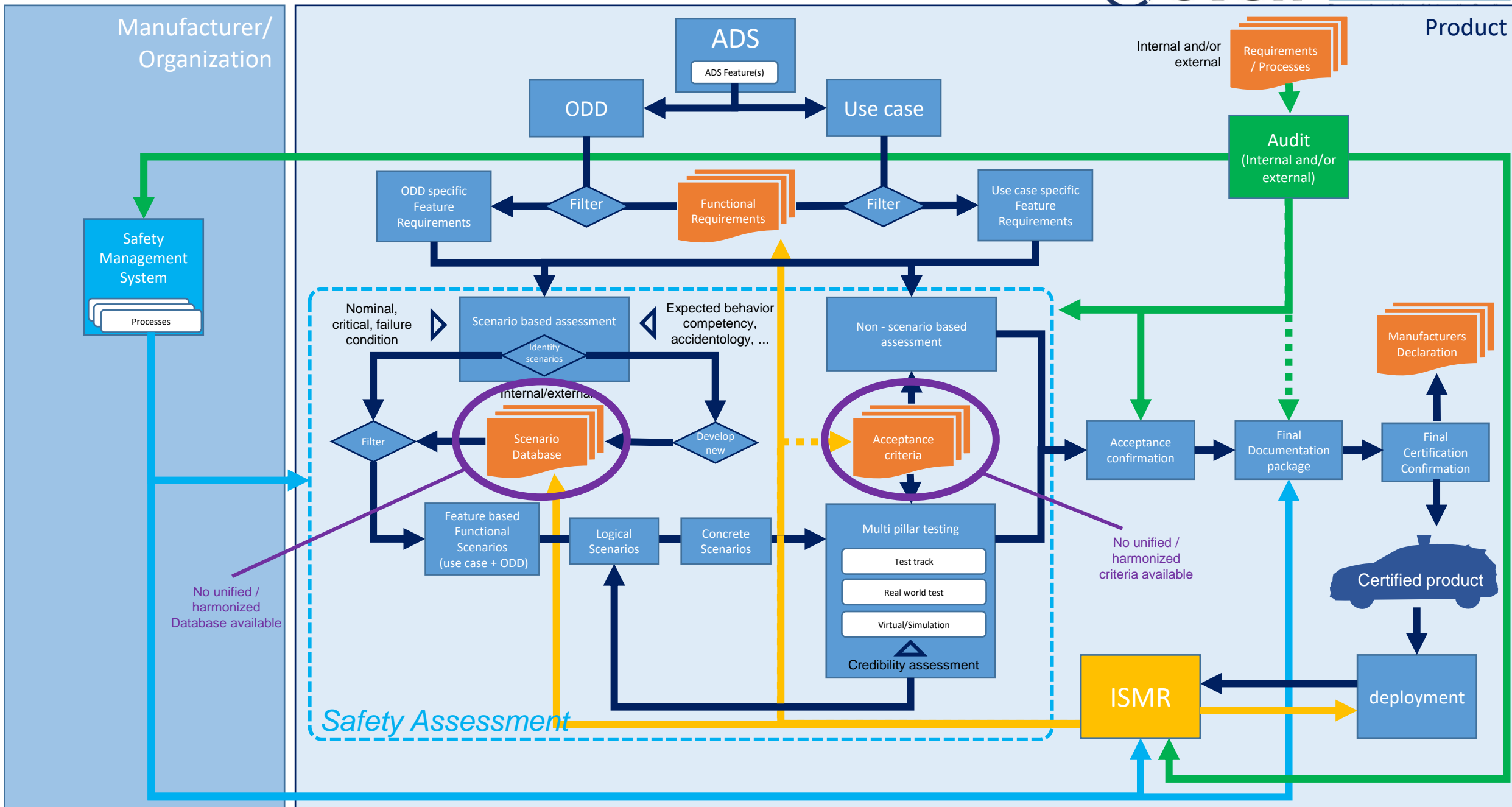
# View on the Certification of AV's

- Current achievements and future tasks -

## *Assessment of the expected deliveries*

- OICA/CLEPA has developed an overview on how Automated Vehicles could be certified (=> agreement neutral approach)
- The aim was to identify missing elements required for certification of Automated Vehicles, requiring further consideration under GRVA
- During this exercise the content of the former informal document GRVA-09-10 (presentation on the Certification of Automated Vehicles) was confirmed, taking also into account the latest developments in FRAV, VMAD and the Integration Group

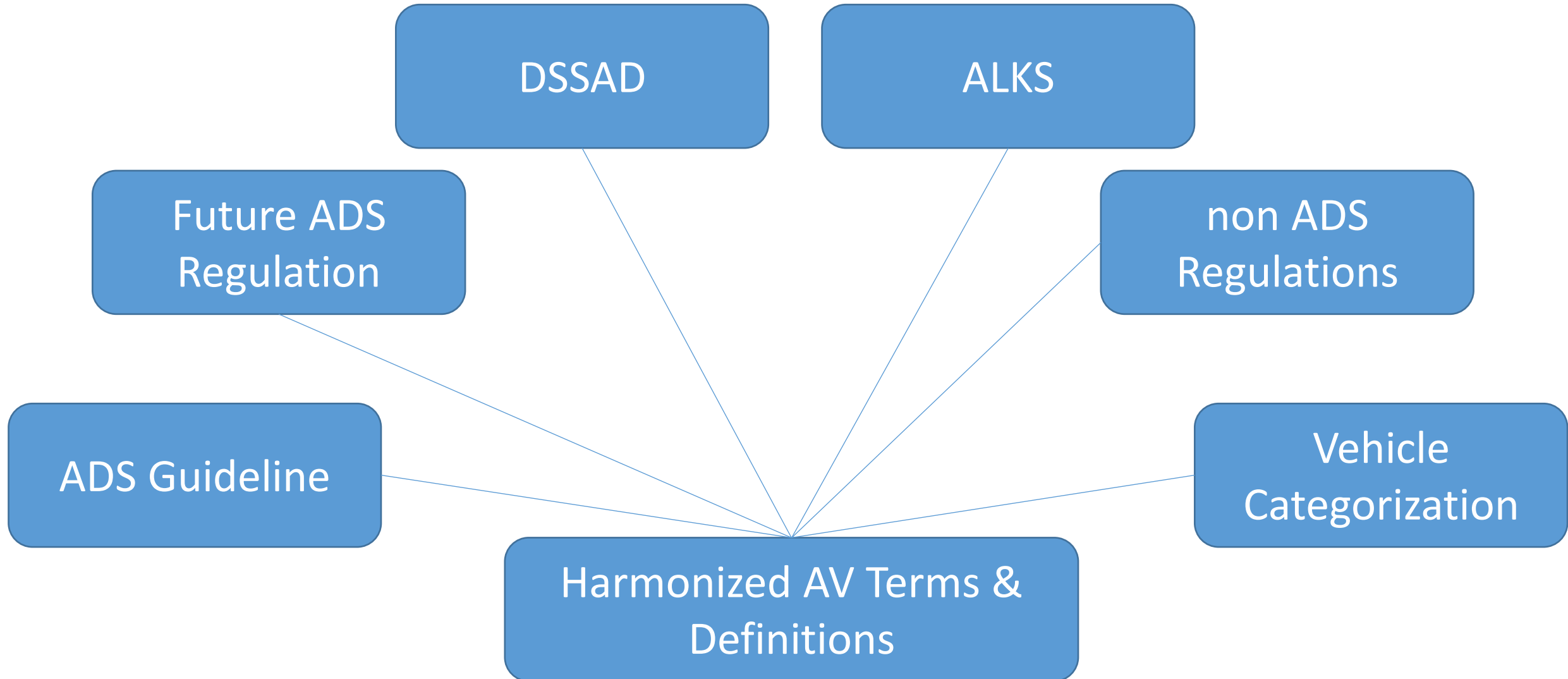
# ADS certification overview: „Big picture“ on how it works



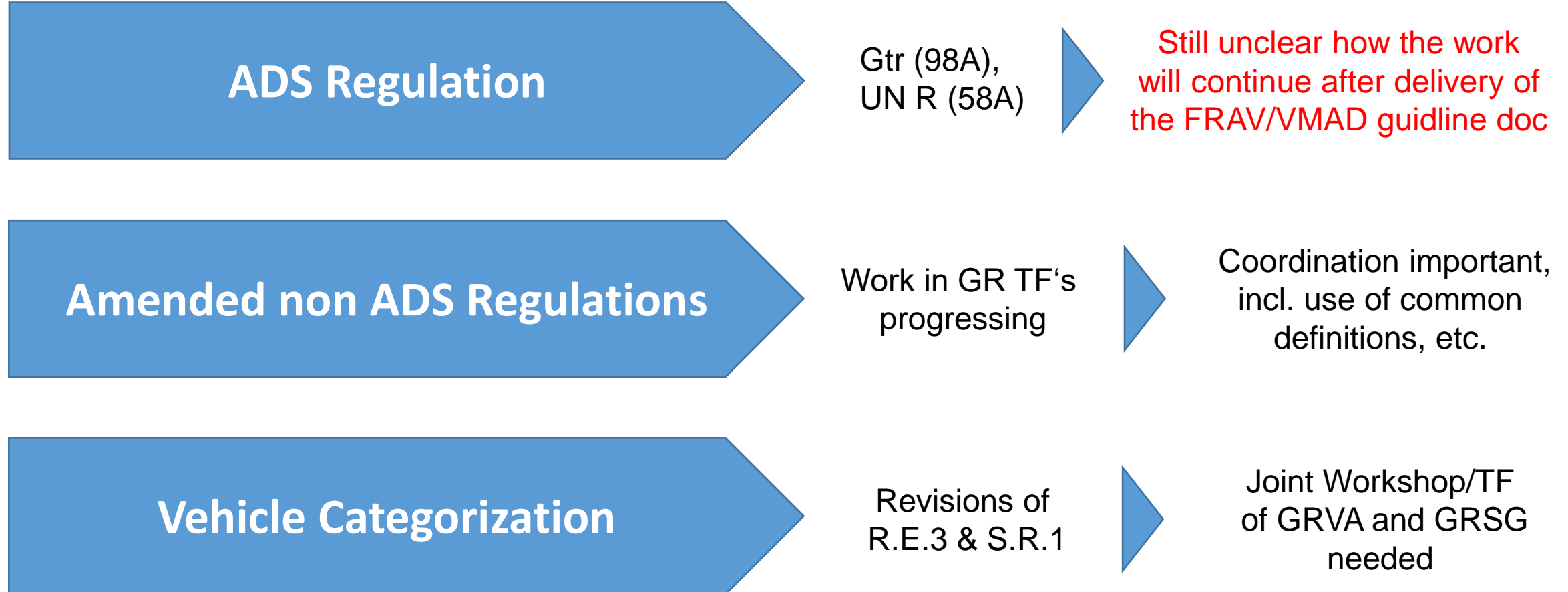
## *Outcome of the assessment*

- In principle all topics needed for an ADS Regulation (GTR or UN R) seem to be addressed by the outcome of FRAV and VMAD
  - Potential for improvement/harmonization for future activity on the topics of
    1. Scenario Database/catalog
    2. Acceptance criteria
- => Even though these topics are not addressed in a harmonized way yet, it would be possible to use the concept for certification making use existing solutions (e.g. scenario database from research projects, manufacturer justified acceptance criteria, etc.)

## Need for harmonized AV definitions



## Needs for certifications of AV's





Thank you