Provisional agenda item 4(f)



View on the Certification of AV's

- Current achievements and future tasks -

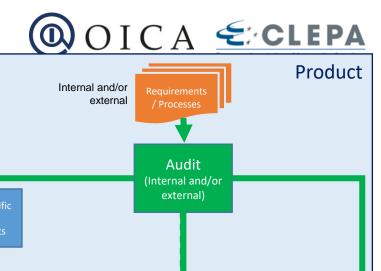


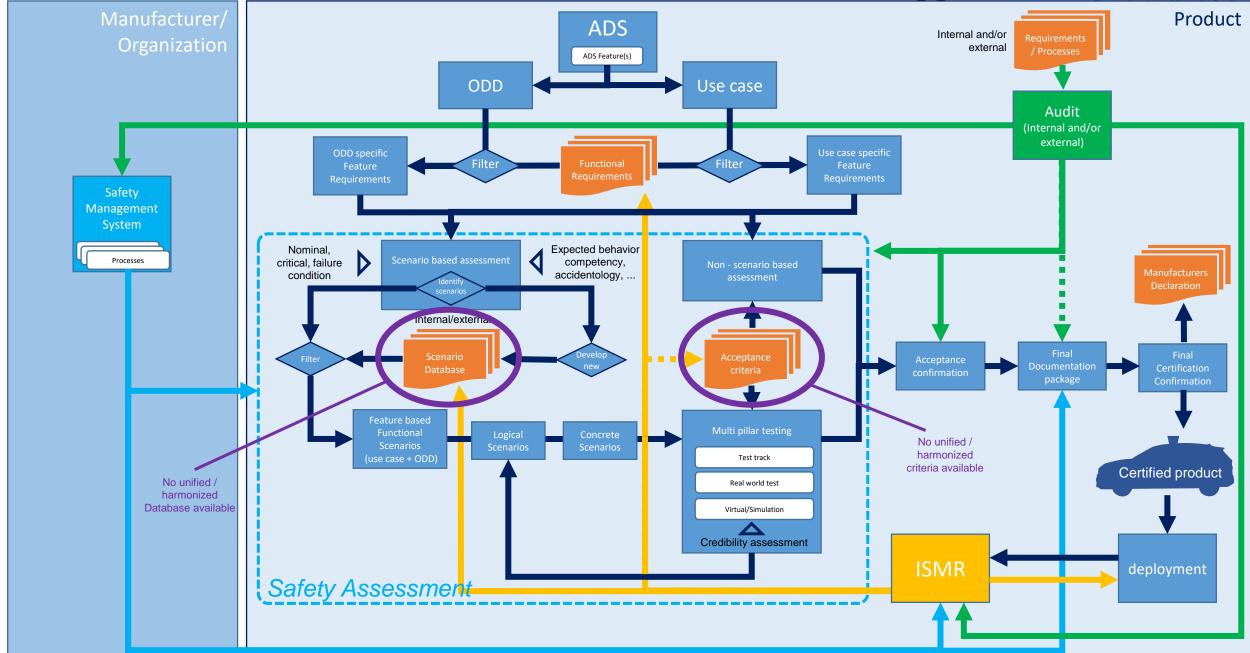


Assessment of the expected deliveries

- 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







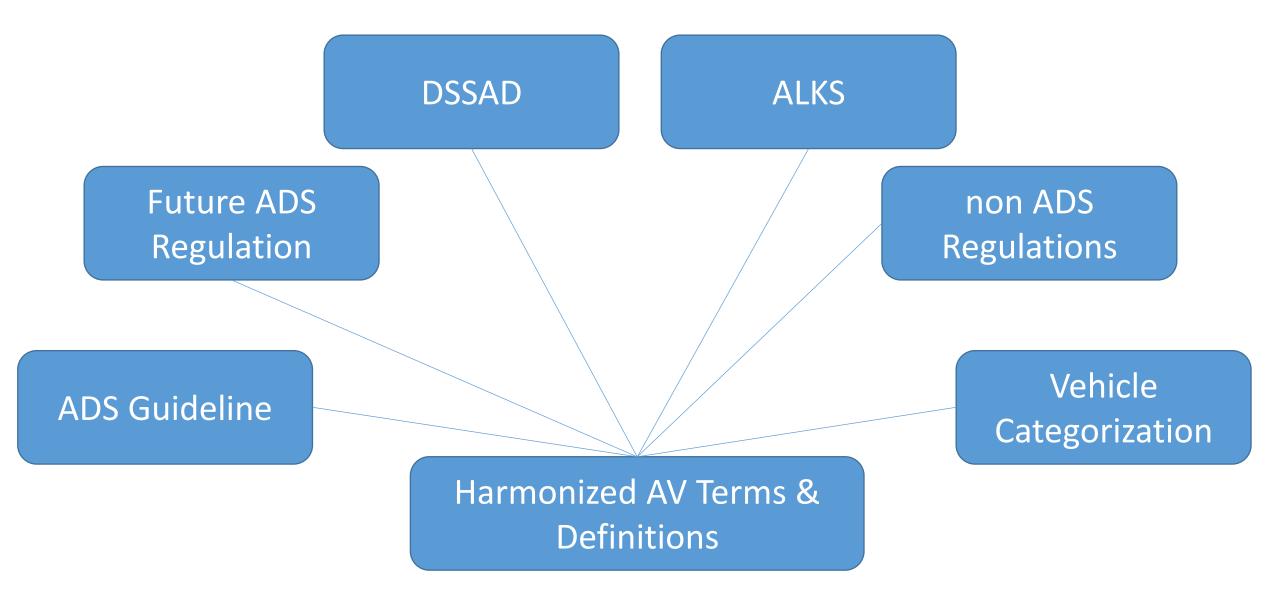


Outcome of the assessment

- 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
 - Scenario Database/catalog
 - 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







ADS Regulation

Gtr (98A), UN R (58A) Still unclear how the work will continue after delivery of the FRAV/VMAD guidline doc

Amended non ADS Regulations

Work in GR TF's progressing

Coordination important, incl. use of common definitions, etc.

Vehicle Categorization

Revisions of R.E.3 & S.R.1

Joint Workshop/TF of GRVA and GRSG needed



Thank you