Industry views on GRVA priorities and organization

GRVA-01 - 2018, September 25-28

Geneva
AD landscape - before June 2018

WP29

GRRF

ITS-AD IWG

AD
level 3/4/5
Highway, Urban, Inter-urban

SG 1
Test & Audit

SG 2
Real world

AutoVeh TF

CS & OTA TF

ACSF IG

ACSF B2
Level 3/4
Hands-off lane keeping on Motorway

ACSF C HMI
(industry)

RCM (UK)

PTI ACSF TF
(Swe)

DSSA TF
(UK)

GRRF
Task Forces

Stand-alone subjects

CEL step 2 TF
(UK)

TCF (Swe)
Industry input – Road map

2020

Level 2 hands-off lane keeping

ACSF B2 Level 3/4
Hands-off lane keeping on Motorway
(including CEL step 2, PTI ACSF, DSSA and general requirements for CS & OTA)
PC/LCV HCV

HCV Trailers

CS & OTA new reg.

AD Highway (based on 3-pillars)

AD Urban

AD Inter-urban

Platooning (longitudinal)

Platooning (Longi + lat.)

Indicative information, for discussion only.
Industry input – GRVA day 2

- **Current certification way:**
  - Test worst case vehicle configuration
  - CEL Assessment (audit)

- One set of requirements **per functionality**
- Very low pace / (rather) design restrictive / not applicable to further steps

**New way to certify: 3 pillars**
1. Road test
2. Track test
3. Audit / Assessment

- Achieving a balance between a set of **general safety objectives** and relevant **test scenarios** for **use cases** (highway, urban, inter-urban):
  - The objective is to define a modular frame for future developments,
  - To cover different vehicle categories (e.g. PC, city buses, shuttles, trucks...) and use cases
Considerations

Generals

• Define priorities and road map
• Define the right organization to implement the road map
• Take into considerations limited resources (experts, secretariat, rooms, travels...)
• AD is not the only subject: AEBS M1 N1, Modular Vehicle Combinations...
• No double work
• Realistic deadline
• Review road map on a regular base and adjust priorities and resources when needed

Concrete proposals – food for thoughts

• GRVA coordinates other GRs when it comes to AD related amendments
• Other GRs appoints an ambassador at GRVA, to synch the amendments