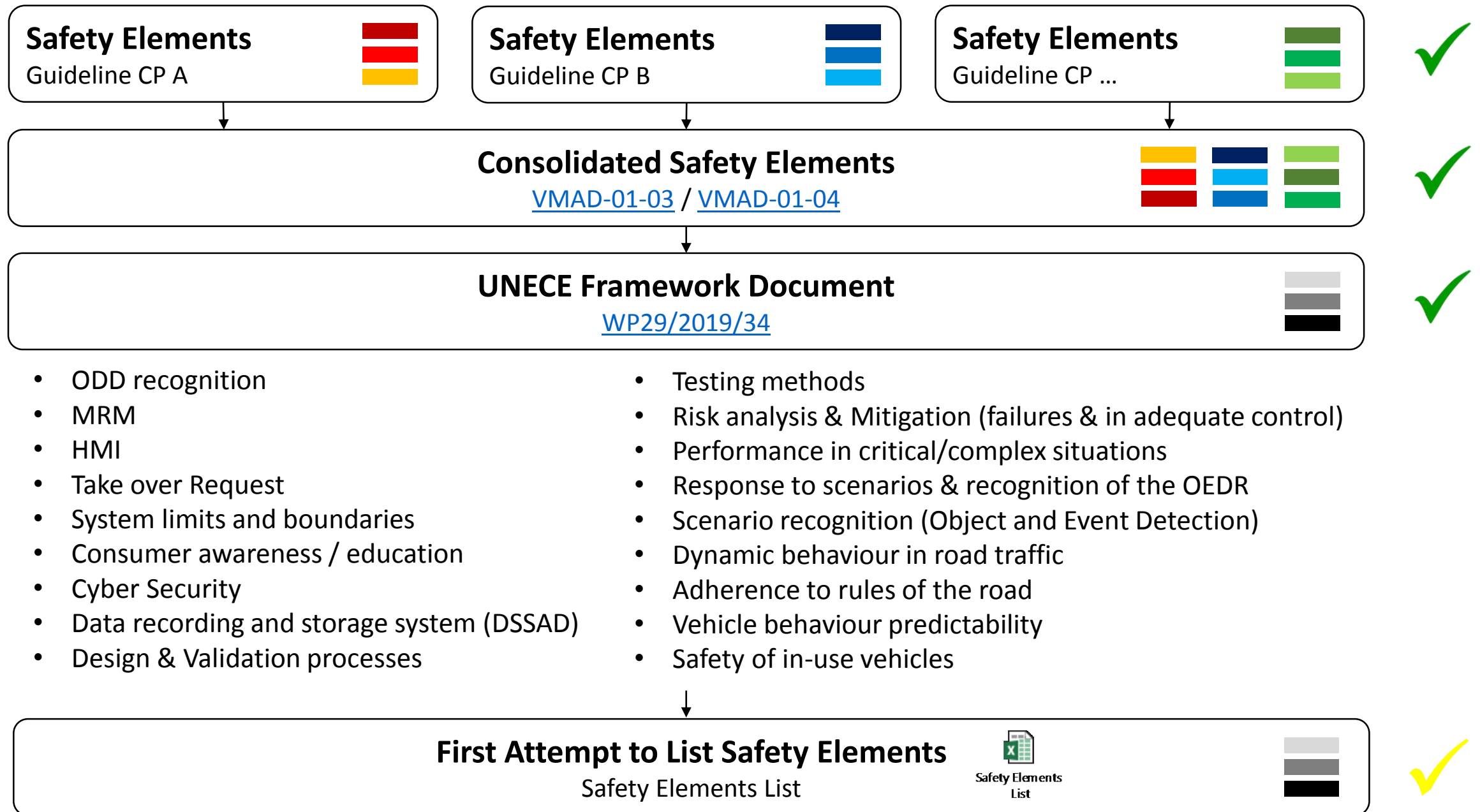


Presentation for FRAV First Session

Summary

- Listing of national / regional guidelines on Automated / Autonomous Driving
- Clarification of FRAV and VMAD synergy / boundaries

1. Listing of national / regional guidelines on Automated / Autonomous Driving



2. Clarification of FRAV and VMAD synergy / boundaries


Functional Requirements
 Applicable to all ADS / ODD combinations

- System Safety**
- Adhere to Road Traffic Laws
- Dynamic behavior in road traffic
- ...
- HMI**
- System Status / Malfunction
- Takeover Request
- ...
- OEDR**
- Other road users
- ...
- ODD**
- Recognition
- Environmental
- Speed
- Geographic
- ...
- Failsafe Response**
- Minimal Risk Manoeuvre
- ...

Functional Requirements

Safety Elements List

Pass / Fail criteria for functional requirements



Safety Elements List

FIELD DATA

Accident Taxonomy
 Traffic flow observation data

ISO

(e.g. Test Scenario for AVs)

Dynamic Scenario Collection

Foreseeable / Preventable Occurrence / Severity

Scenario List

...

Cut Out

Cyclists

Pedestrian Crossing

Intersections

Processes / Documentation

- SOTIF Safety of the intended function
- ISO 26262 Functional Safety . . .

Virtual Testing

- Simulation Tools

Pass / Fail criteria

Track Test

Real World Test

Limited set of tests
 See Safety Elements vs MPA



FRAV VMAD

CLOSE COLLABORATION