66th GRB

EU Regulation on AVAS requirements

Presentation by the European Commission expert
State of play

- Adoption by EC: 26 June 2017
- Approval by co-legislators: final non-objection expected
- EU OJ publication: estimated October 2017
- Amendments to include latest UN R138 requirements: procedure start after such requirements enter into force & are published in EU OJ
Detailing requirements of Acoustic Vehicle Alerting System (AVAS)

• Commission empowered to detail by 1/7/2017 AVAS requirements that are already in Annex VIII to Reg. (EU) No 540/2014

• Commission Delegated Regulation taking into account the UNECE relevant work

• Result of current UNECE work:
  - UNECE Regulation No 138 on QRTV adopted in the 168th WP29 (March 2016)
  - UNECE R138 amendment 01 for AVAS pause switch in the 171st WP29 (March 2017)
Regulation on AVAS requirements:


- **Legal obligations:**
  - to detail the requirements in Annex VIII by completing them
  - to have the AVAS on all new EV and HEV types by 1/7/2019 and all new EV and HEV by 1/7/2021

- **Articles**
  1) Amendment of Annexes I and VIII to Reg. 540/2014
  2) Entry into force
Regulation on AVAS requirements

Requirements

- Based on the technical requirements drafting in Annex VIII, Reg. 540/2014
- Completing the *technical* requirements of Annex VIII, Reg. 540/2014 by *referring* to requirements of UN R138
- *Accepting* the necessary *admin* requirements from UN R138 alternatively to corresponding admin requirements of the EU legislation (Annex I, Reg. 540/2014)
Regulation on AVAS requirements

• Current technical requirements in AVAS delegated act in accordance with:

a) Annex VIII to Regulation (EU) No 540/2014 - legal obligation in Article 8 of that Regulation

b) UN R138.00 after 1 July 2019 (new types) or after 1 July 2021 (new vehicles)

c) UN R138.00 voluntarily before the dates in b)
Thank you for your attention

DG GROW – Unit C4

Further information: