



**MINISTÈRE
DE LA TRANSITION
ÉCOLOGIQUE
ET DE LA COHÉSION
DES TERRITOIRES**

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Virtual testing for AEBS – UNR n°152



- ✓ During last GRVA 16th session : discussions on documents GRVA-15-19 & GRVA-15-20 aiming to propose the opportunity for a virtual testing assessment for AEBS under regulation UNE n°152.
- ✓ Presentation of document GRVA-16-22 from OICA supporting the principle with a way forward harmonizing the process of validation, based on credibility assessment developed by VMAD.
- ✓ Proposal to switch the document under an official one (GRVA/2023/22) with request to the concerned contributors to bring inputs.
- ✓ Depending on the feedbacks received, France proposed to manage a dedicated workshop to complete the proposal, with concrete amendment proposals.

- ✓ [Bast] Concerns about what extent virtual testing replaces physical testing and what good methods for the simulation validation exist. Link should be done with the current activities from Euro NCAP.
- ✓ [Industry] Proposal to define a dedicated annex for virtual testing which does not inhibit innovation with regard to the usage of virtual testing. Keen to adopt a virtual testing procedure leading up to have no more physical testing.
- ✓ [United Kingdom] Concerns regarding the lack of sufficient detail to ensure that the manufacturer, approval authority and technical service are well aware of what should be conducted to suitably validate any simulation, as management process, the simulation of the perception system or the acceptance criteria.
- ✓ [Netherlands] Preference to always keep the possibility to also validate via physical testing. I.e., virtual testing can work complementary and can only partially - but not completely - replace physical testing. In addition, some concerns about the tool to be used should be discussed.

- ✓ Feedbacks received too late and during summer break to manage a dedicated workshop in good conditions.
- ✓ France proposes to organize a workshop based on ECE/TRANS/WP.29/GRVA/2023/22 and feedbacks received :

2023 November 7th, 9:00 am to 5:00 pm

**French Ministry of ecological transition
Paris La Defense, Sequoia Tower
1 Pl. Carpeaux, 92800 Puteaux**

Hybrid session

For contribution, please send intention to :

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