

# Report from the Informal Working Group on AEBS

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- **Discussion about virtual testing for AEBS-M1/N1**
- **Technical review of AEBS for large animals and motorcycles**
- **PBC reference (GRVA-09-17 and GRVA-09-18)**

8<sup>th</sup> GRVA in December 2020:

**We confirmed working documents in March session of WP29**

- **ECE-TRANS-WP29-2021-015e**
- **ECE-TRANS-WP29-2021-016e**
- **ECE-TRANS-WP29-2021-018e**



IWG meetings 15th meeting in web (14 December 2020):

- **Discussion about virtual testing for AEBS-M1/N1**
- **Technical review of AEBS for large animals and motorcycles**

- **Discussion about virtual testing for AEBS-M1/N1**

Documents: AEBS-15-06 (Proposal from France)

AEBS-15-09 (Feedback from OICA/CLEPA)

Example of correlation : Pedestrian turning scenario

UTAC CERAM  
AVSimulation



AEBS-12-07 Rev.1

We discussed about the virtual testing of AEBS-M1/N1.

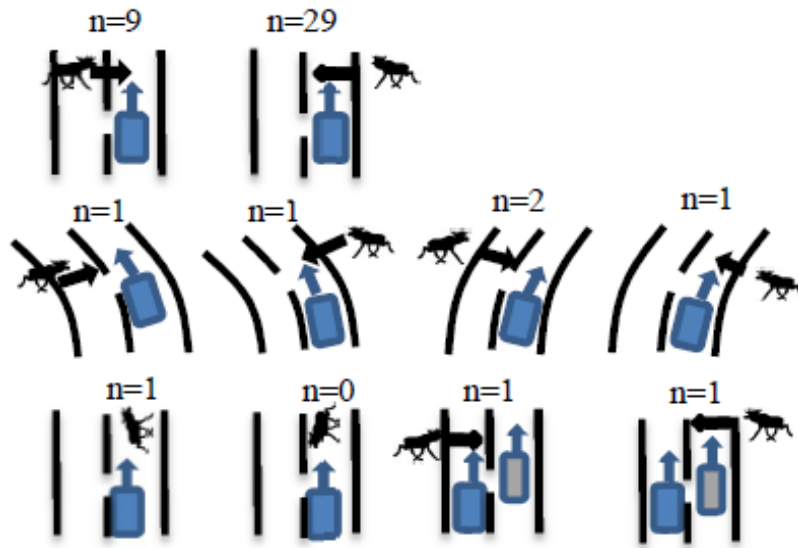
About the discussion about simulation issues, we received an opinion that VMAD-SG2 started to discuss about this issue, and VMAD-SG2 can be the right place.

We would like to receive guidance from GRVA on the way to proceed with virtual testing.

- **Technical review of AEBS for large animals and motorcycles**

Documents: AEBS-15-03, AEBS-15-04 (Proposal from Sweden)

AEBS-15-15 (Feedback from OICA/CLEPA)



*Figure 9. Collision type and number of fatalities per collision type*  
AEBS-15-03

Our TOR prescribed to review about the technology of Car to Animals and Car to Motorcycles. In the informal meeting, we confirmed technologies regarding these issues based on our TOR. Sweden introduced their research paper about accidents of large animals. And OICA/CLEPA explained about that they don't have an experience of AEBS for large animals and motorcycles. And OICA/CLEPA explained that there are no ISO activities towards developing a standard for a dedicated animal dummy.

A. Ydenius, A. Kullgren, M. Rizzi, E. Engström, H. Stigson, J. Strandroth, Fatal car to moose collisions: real-world in-depth data, crash tests and potential of different countermeasures, Environmental Science, 2017.

**Thank you  
for your attention**