

VMAD SG2. Simulation and Virtual Testing

18° meeting

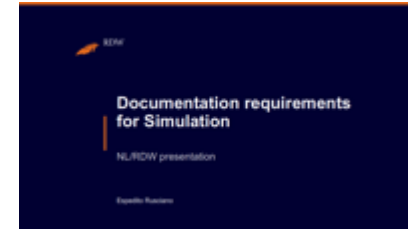
12 May 2021

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Call for inputs to validation

- RDW (10/02).
- AVL (17/02)
- WMG and PEARS (24/02)
- CITA and JRC (03/03)
- SAFE and general discussion (10-17/03)
- UTAC and JRC (31/03)
- All presentations on UNECE-VMAD wiki page:

<https://wiki.unece.org/pages/viewpage.action?pageId=117508578>



New Master Document Chapter on Virtual Testing focusing on Credibility Assessment

- Introduction, motivation and scope
- Components of the credibility assessment
 - M&S (Models and Simulation) Management.
 - Team's Experience and Expertise.
 - M&S Analysis and description
 - Data/Input pedigree.
 - Verification
 - Validation.
 - Uncertainty characterization.

First round of comments

- First comments provided by DE, NL, Safe, JP, BMW
 - **General agreement about the framework** but further details required on
 - Introduction for why the credibility assessment is required
 - Clearer description on roles and responsibilities (OEM versus assessor)
 - Provide further details on the ‘criticality assessment’
 - Data required in “release archive”
 - Training and expertise of personnel
 - How to define scenarios for toolchain validation (OEM vs assessor)
 - How to define correlation threshold for toolchain validation (OEM vs assessor)
 - Does the subsystem assessment fit under verification or validation

New version of the document

- Comments received by CATARC and PTB
- Inputs received by RDW, CLEPA, SAFE

Next steps

- 12/05
 - Presentation of the inputs received
 - First reaction by the SG2
- 19/05
 - Meeting cancelled as overlapping with VMAD
 - Deadline for submitting additional comments to the new version or additional contributions (pending inputs from UK and AVL)
- 26/05
 - Meeting overlapping with GRVA -> Meeting cancelled
 - Distribution of new version of the document (first final draft)
- 02/06
 - Final round of comments on the overall framework and first final draft

Thank you!

For any question on the work of VMAD-SG2

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The material shared during the VMAD-SG2 meetings is available on the UNECE wiki page:
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