

ITS Lisbon 2023 SIS 43

Result from German project "VV-Methods"-- VVM building blocks for safety assurance --

24 June 2023

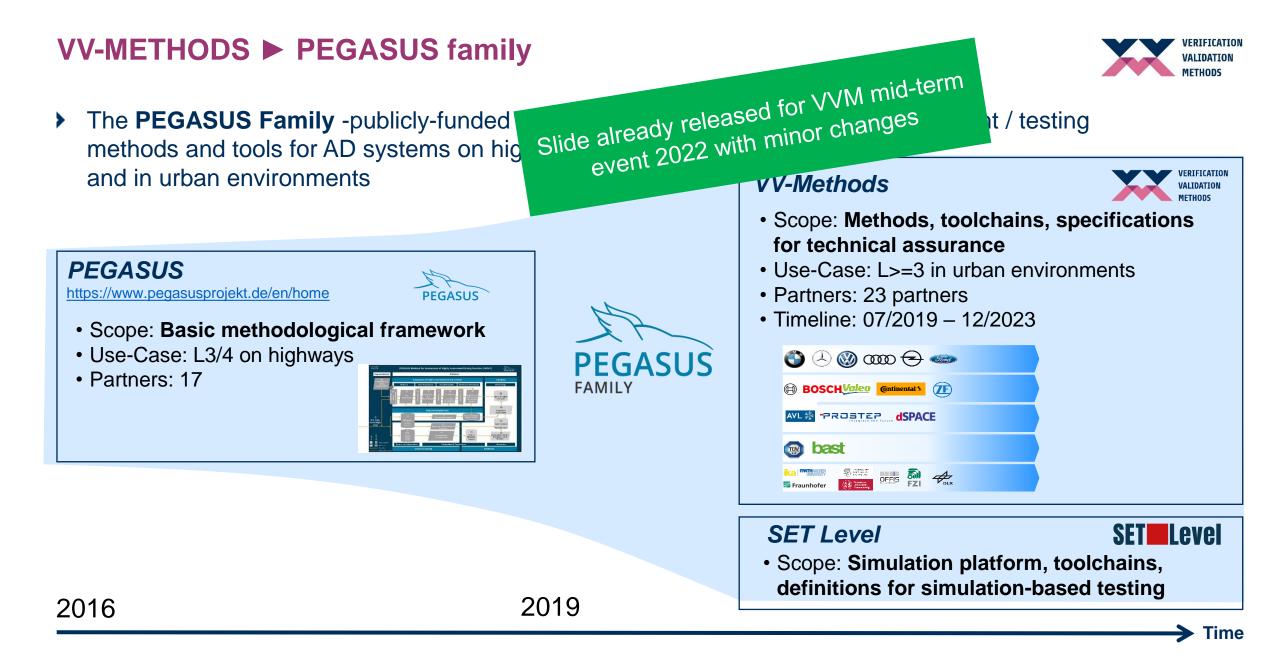
Roland Galbas, Robert Bosch GmbH

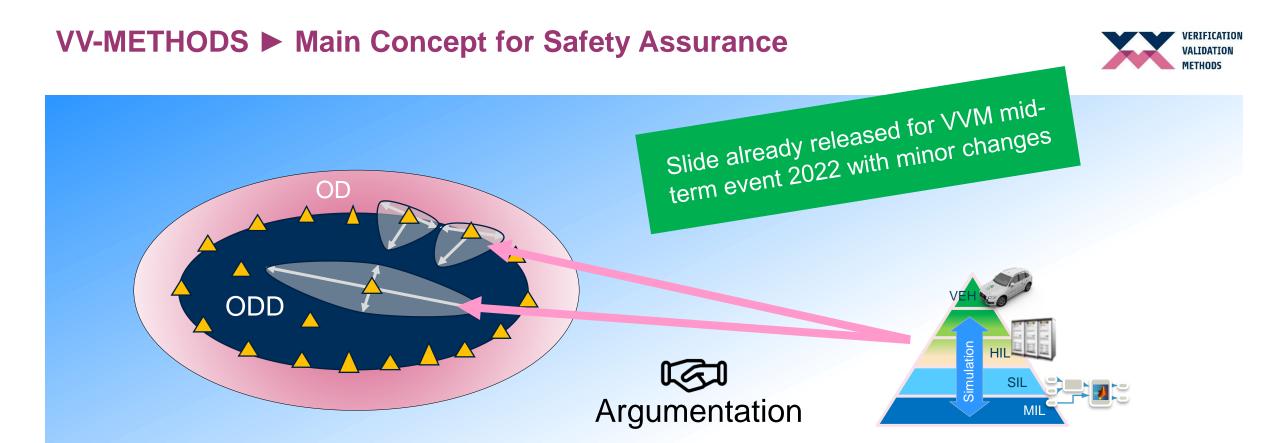


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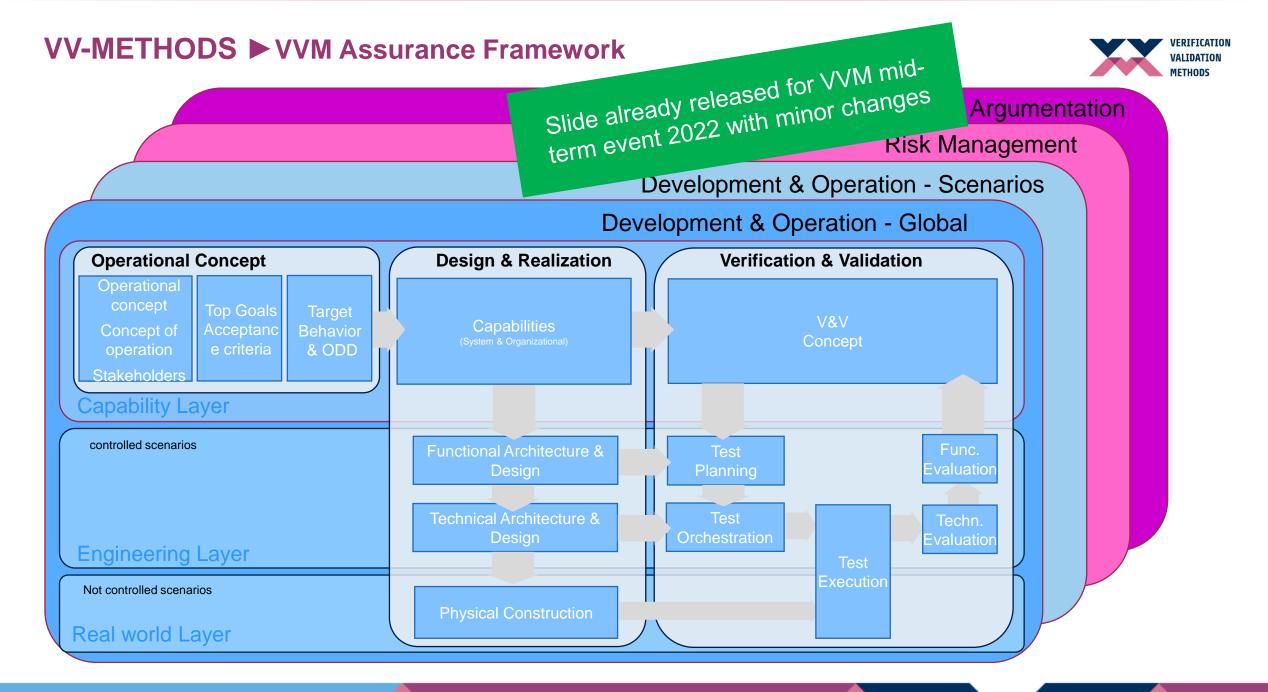




Concept

Systematic argumentation of ODD coverage by argumentation

full system test



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VV-METHODS Process link to virtual release

X

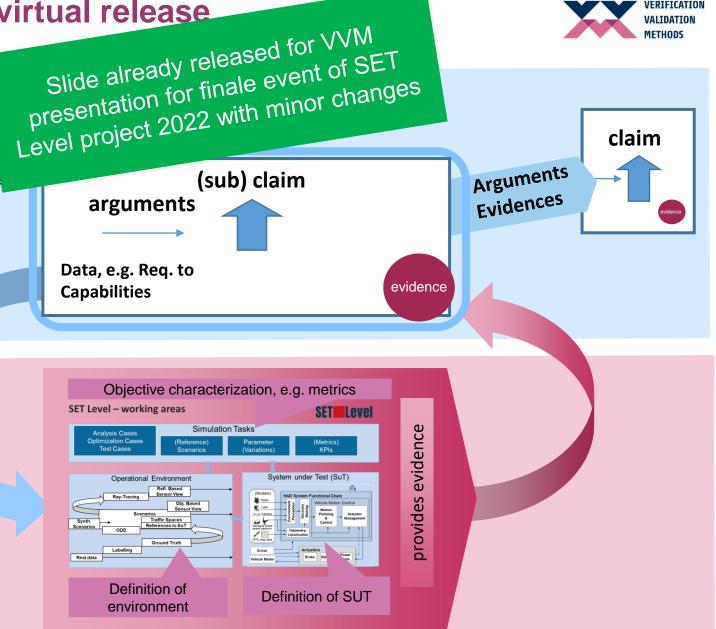
Argumentation

- → Based on VVM argumentation structure the simulation task / goal of the Credible Simulation Process can be defined.
- → Claims incl. assumptions can be argued via exact fitting evidences.

SET Level

Virtual safety assurance

→ Simulation objectives, environment and system under test are derived by claims, arguments and system data as, so requirements to models can also be derived.



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Thank you!

Roland Galbas, Robert Bosch GmbH



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