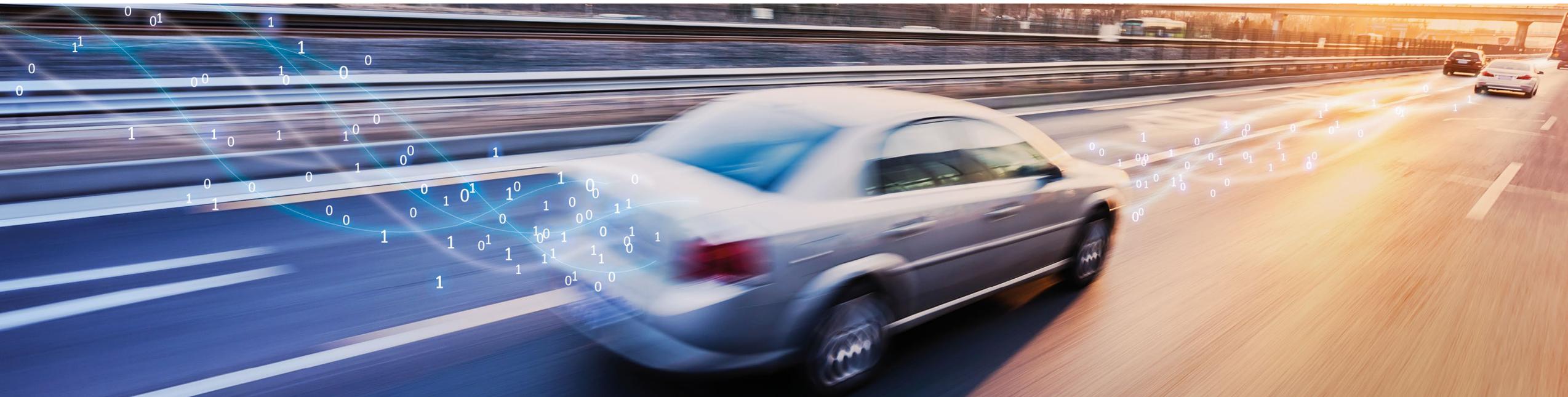


Report from the Technical Steering Committee

Stefan Romainczyk
NI – Speaker of ASAM TSC

October 8/9, 2020
Aachen

Bernd Wenzel
Senior Technical Consultant – ASAM e.V.

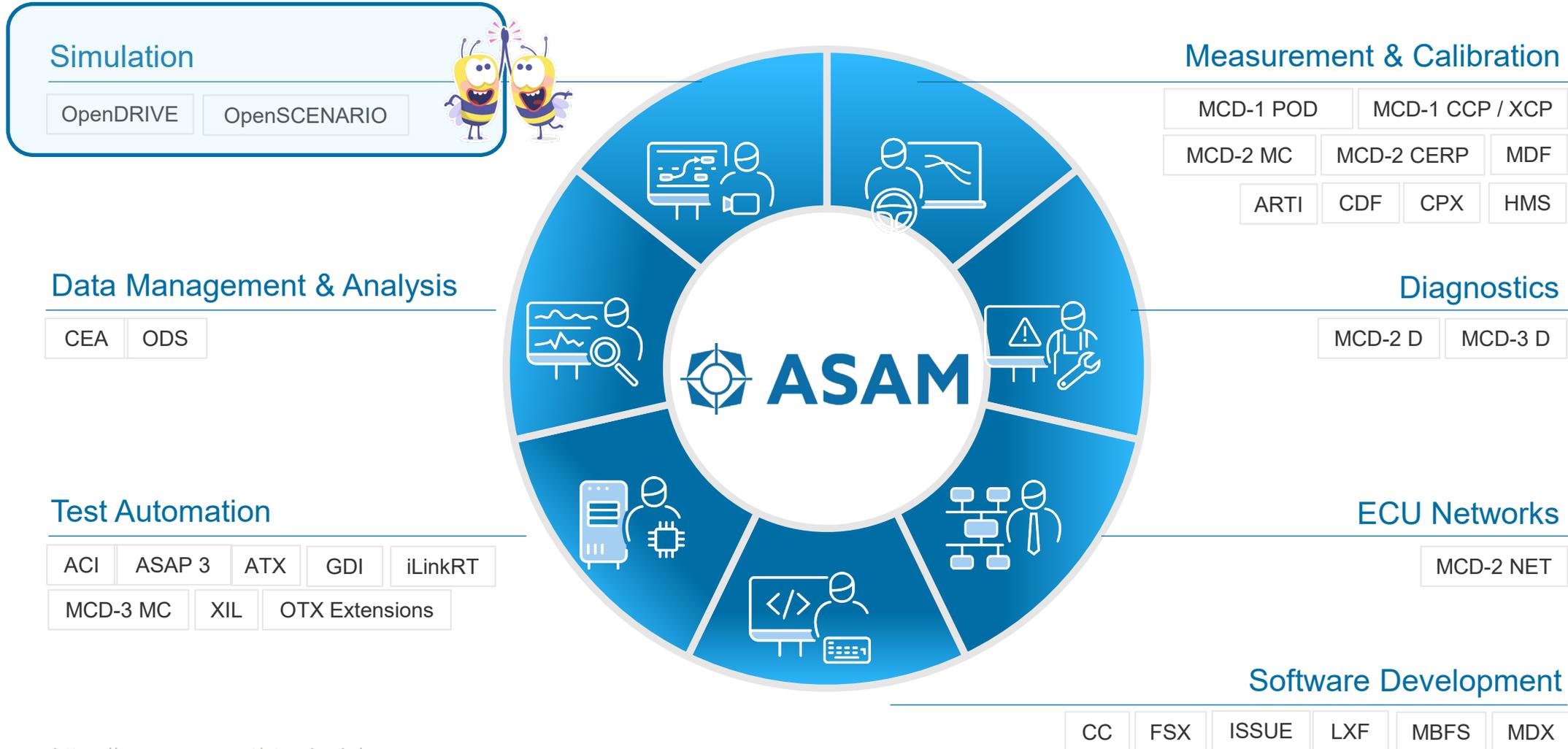


Agenda

- 1 New Domain „Simulation“**
- 2 ASAM Project Report of TSC from 2019 – today**
- 3 OpenX Coordination Group**
- 4 Executive Summary**

ASAM Standards Portfolio

Currently seven Domains (Status September 2020)



<https://www.asam.net/standards/>

TSC Project Report

TSC Project Report

- ASAM Project Report of TSC from 2019 – today
- Status of actual releases (top) and new project starts (bottom) over the last months
- OpenX Standards highlighted in [blue](#)

Release and Project Roadmap for 2019

First ASAM OpenX Standards Released, New Standard Development Methods, New Domain started

2019

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Releases

- ASAM iLinkRT 2.0.0
- ASAM ASAP-3 3.0.0

- ASAM MDF 4.2.0

Project Starts

- ASAM iLinkRT 3.0.0
- ASAM ARTI

- ASAM OpenDRIVE 1.6.0
- ASAM OpenSCENARIO 1.0.0

- ASAM OpenCRG 1.2.0

- ASAM SOVD 1.0.0

Concept Project

- ASAM OpenDRIVE
- ASAM OpenSCENARIO

Status September,08 2020

Release and Project Roadmap for 2020

Standards covered in March 2020 TSC meeting

2020

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Releases

- ASAM ODS 6.1.0
- ASAM XIL 2.2.0
- ASAM OTX Extensions 3.0.0
- ASAM Run-Time Interface 1.0.0 (ARTI)
- [ASAM OpenDRIVE 1.6.0](#)
- [ASAM OpenSCENARIO 1.0.0](#)

Concept Project

- [ASAM OpenSCENARIO Concept](#)

Project Starts

- [ASAM OpenLABEL](#)
- ASAM ODS 6.1.0 Maintenance
- ASAM OTX 3.1.

Status September,08 2020

Release and Project Roadmap for 2020

Standards covered in May 2020 TSC meeting

2020

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Releases

- ASAM HMS 1.0.0

Project Starts

- ASAM OpenSCENARIO 1.1.0
- ASAM OpenSCENARIO 2.0.0
- ASAM OSI
- ASAM OpenX Ontology
- ASAM SCDL

Status September,08 2020

Release and Project Roadmap for 2020

Standards covered in July 2020 TSC meeting

2020

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Releases

Project Starts

- ASAM XCP SW Debug 1.1.0

Concept Project

- ASAM XIL access to SOC
- ASAM OpenODD

Status September,08 2020

Release and Project Roadmap for 2020

Agenda for next 2020 TSC meeting – Outlook on upcoming standardization effort

2020

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Releases *)

- ASAM OpenCRG 1.2.0
- ASAM iLinkRT 3.0.0

Concept Project

- ASAM OpenDRIVE
- ASAM OpenLABEL

Project Starts *)

- ASAM OpenLABEL 1.0.0

*) Not all finally approved

OpenX – Coordination Group

The OpenX portfolio so far...

OpenSCENARIO

- Dynamic scene description

OpenDRIVE

- Static road network

OpenCRG

- Detailed Road surface description

Open Simulation Interface

- Interface for environmental perception of AD functions

OpenLABEL

- Labels and labelling format for objects & scenarios

OpenODD

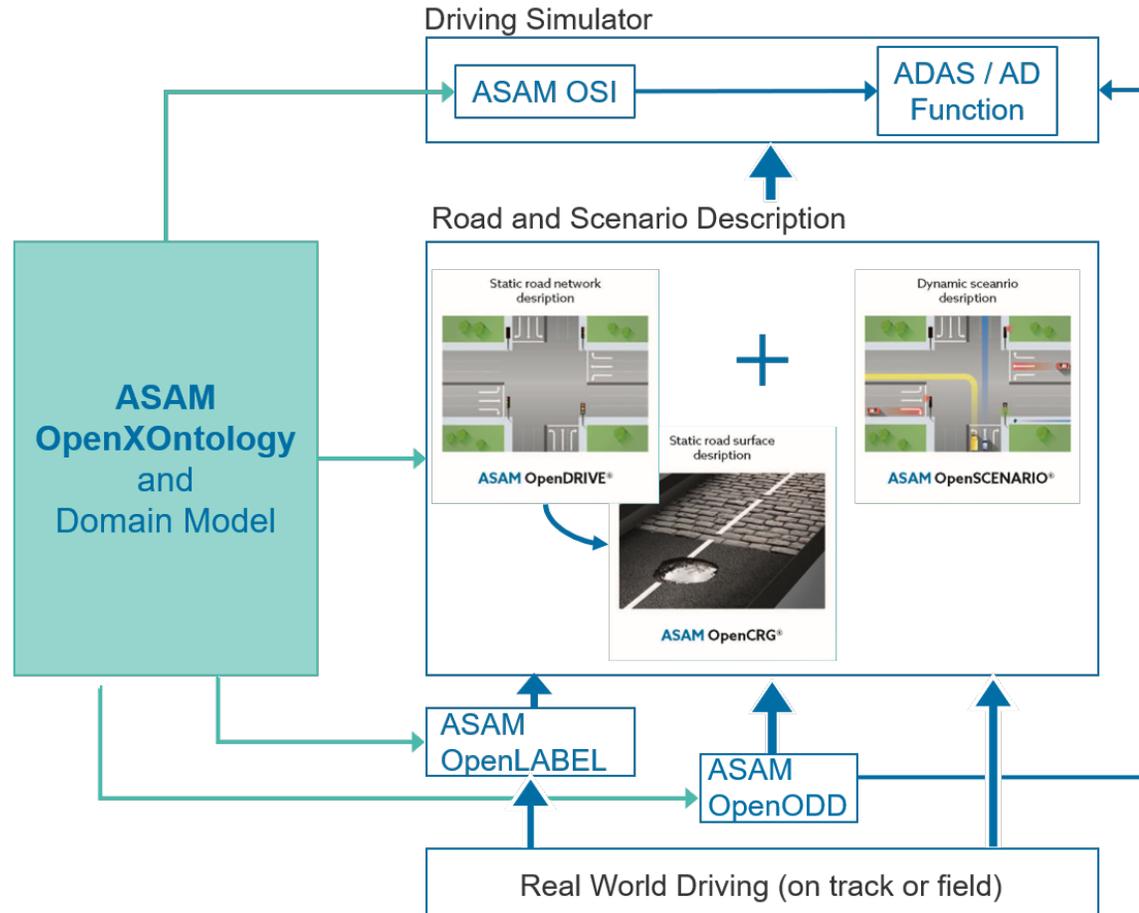
- ODD definition format

OpenXOntology

- Extendable domain ontology for on road driving

ASAM OpenX Overview

Simulation standards interactions



Coordination Group: Simulation

Coordinating the OpenX Activities

- Bundle Domain Expertise to relieve TSC:
 - Recommend roadmap for ASAM simulation
 - Propose potential for further standardization
 - Preparatory steps to accelerate TSC decisions
 - Mentor existing community
- Coordination Group Composition
 - ASAM OpenX Project Representatives
 - BoD delegate
 - TSC delegate
 - Experts/Guest*

* No voting rights in decision making process

Executive Summary

Executive Summary

- New ASAM Domain: Simulation
- 2020
 - 7 Released Standards (New/Updates) incl. first OpenX Standards
 - 1 Concept strategy approved
 - 9 Kicked-Off Standardization Processes
 - 2 Concept developments started
- OpenX – Coordination Group established
- Next TSC Meeting in November 2020
 - 2 more standards to release
 - 2 concept strategies to approve
 - 1 more project to kick-off

Thank you for your attention!

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