Technical Overview
Regional Meeting NA

Ben Engel
CTO
ASAM e.V.

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Santa Clara, CA

ASAM Association for Standardization of Automation and Measuring Systems

Technical overview

ASAM

Where do we stand today in our projects?

>400 participants

>200 unique companies

9 Standardisation projects
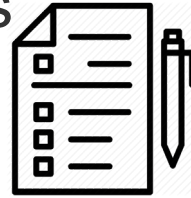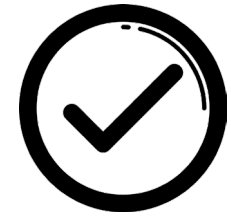
1 Concept project

1 Study group

4 Proposals being prepared

9 Releases in 2022

1 Ongoing ideation

5 Office employees supporting projects

ASAM

Ongoing standardization efforts…

SOVD
Communication with SDVs

ODS
Test data management

OpenSCENARIO
Description of dynamic content

XIL
Communication between test automation tools and test benches

OTX
Definition of test procedures

OpenDRIVE
Description of logical road networks

OSI
Interface for the environmental perception of AD functions

OpenTestSpecification
Hollistic test specification

OpenODD
Specification of ODDs

MDF
Storage of measurement data

OpenLabel
Data structure for labels & tags

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Upcoming topics

| SCDL	OpenMaterial	ASAM Quality Checker	Offroad
Formal notation for ISO26262 safety concepts	*Description of material properties & 3D model data structures*	*Checking & validation framework for ASAM standards*	*Application of OpenX in other domains*
Webinar soon!	Proposal WS to be published in Q4	Proposal WS to be published in October	Proposal WS took place last week

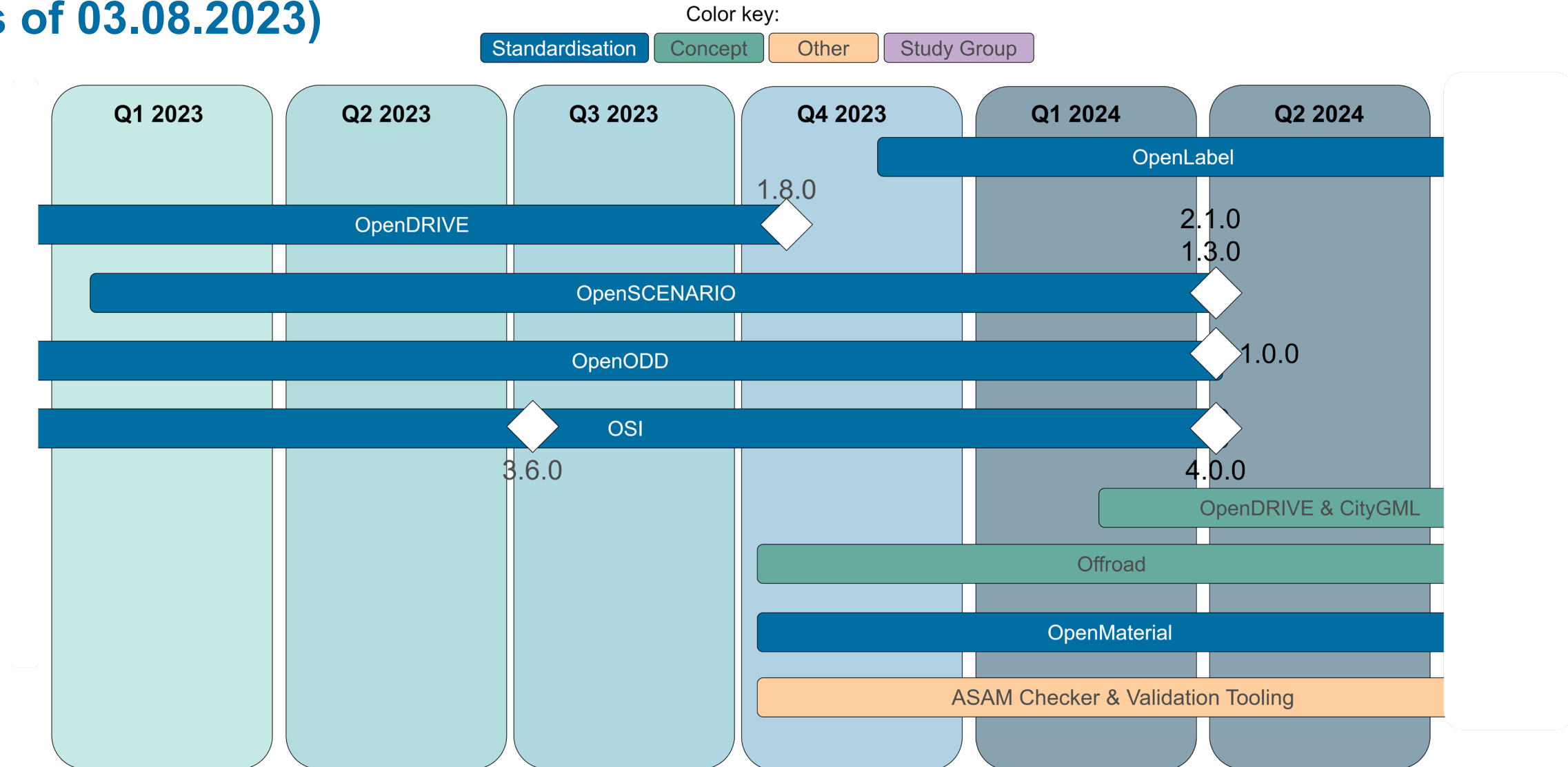◇ ASAM

What else?
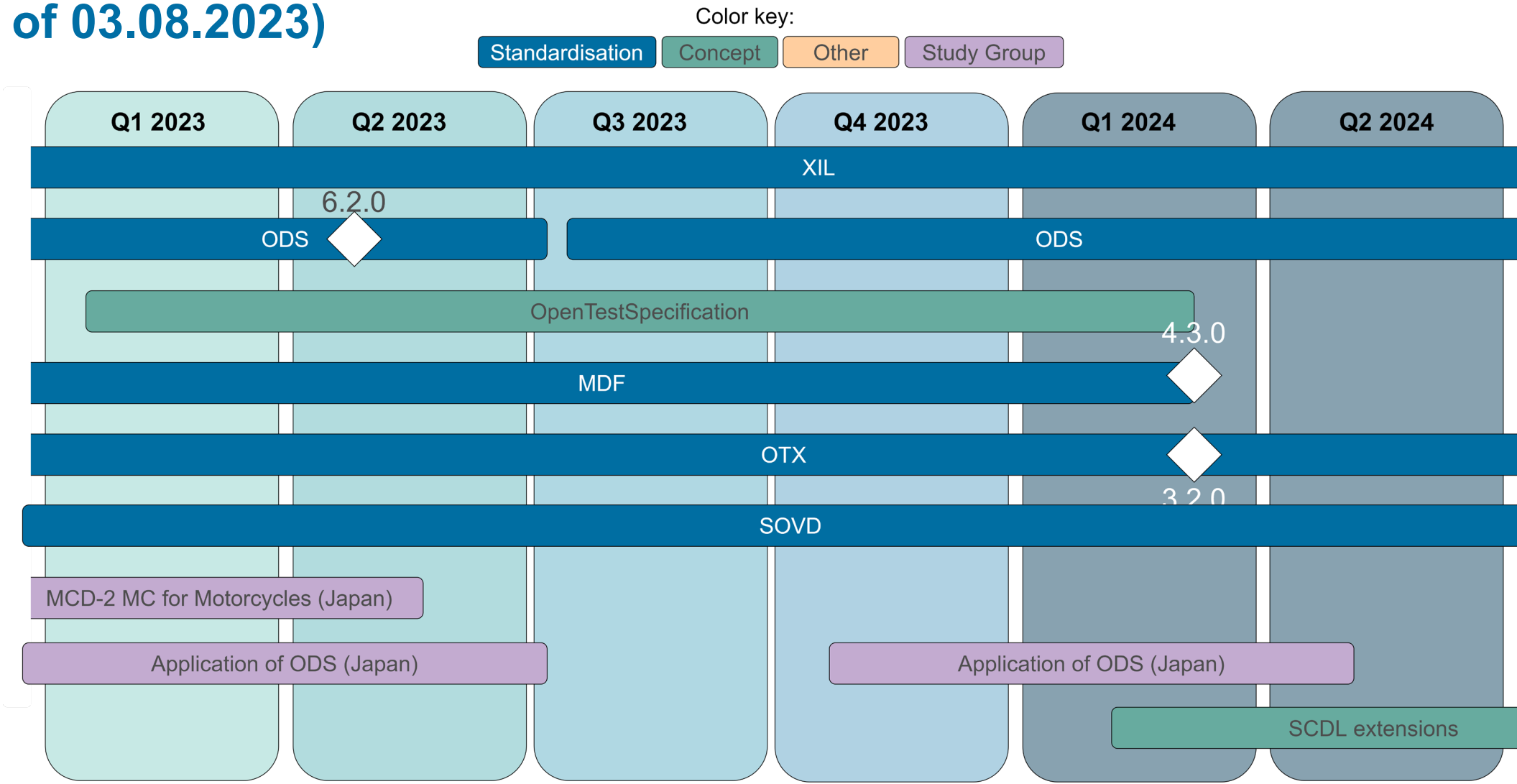
New topics

More targeted regional efforts
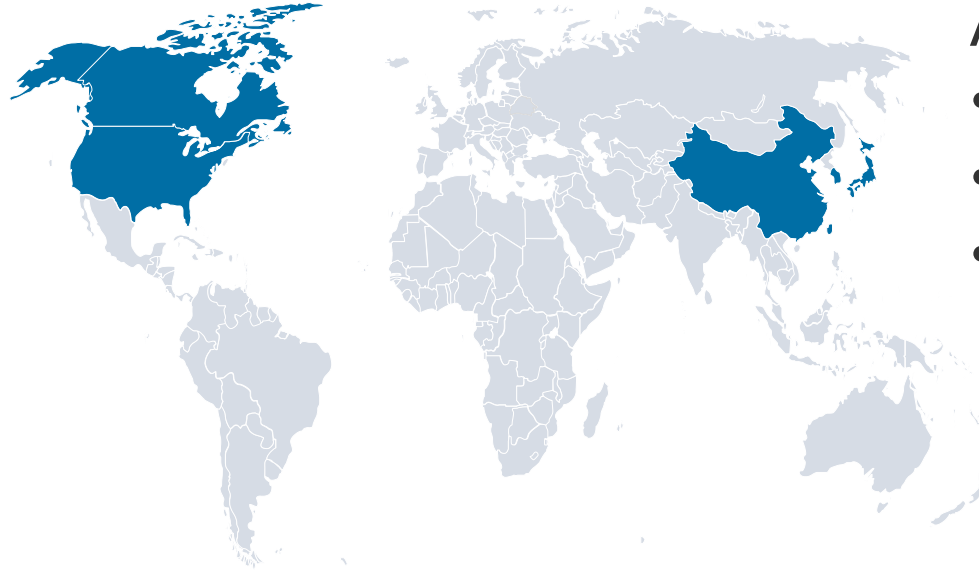
And more…
- Growing the team
- Harmonisation
- Supporting research projects

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Project roadmap 2023 (simulation)
(as of 03.08.2023)

Color key:

| Standardisation | Concept | Other | Study Group |

Project roadmap 2023 (all other domains)
(as of 03.08.2023)

Thank you for your attention!

Benjamin Engel
CTO
ASAM e.V.

benjamin.engel@asam.net

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