

ASAM

Introduction

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Managing Director ASAM e.V.

June 30, 2021
Online Meeting



ASAM

Who we are and what we do

- **Non-profit standardization organization** within the Automotive Industry
- Focus on **implementation level standards** (rather than the process level standards of e.g. ISO/SAE)
- ASAM standards are **recommendations**, they do not have an impact on regulatory framework
- **Open, non-competitive** standard development groups
- **Membership driven** standardization projects

ASAM

The Organization

Board of Directors – Term 2021 - 2023

Voluntary Representatives from International OEMs, Tool Vendors and Research Institutes



Chairman

Prof. Dr. Marcus Rieker
HORIBA Europe GmbH



Dr. René Grosspietsch
BMW AG



Prof. Dr. Frank Köster
DLR e.V.



Dr. Ralf Nörenberg
HighQSoft GmbH

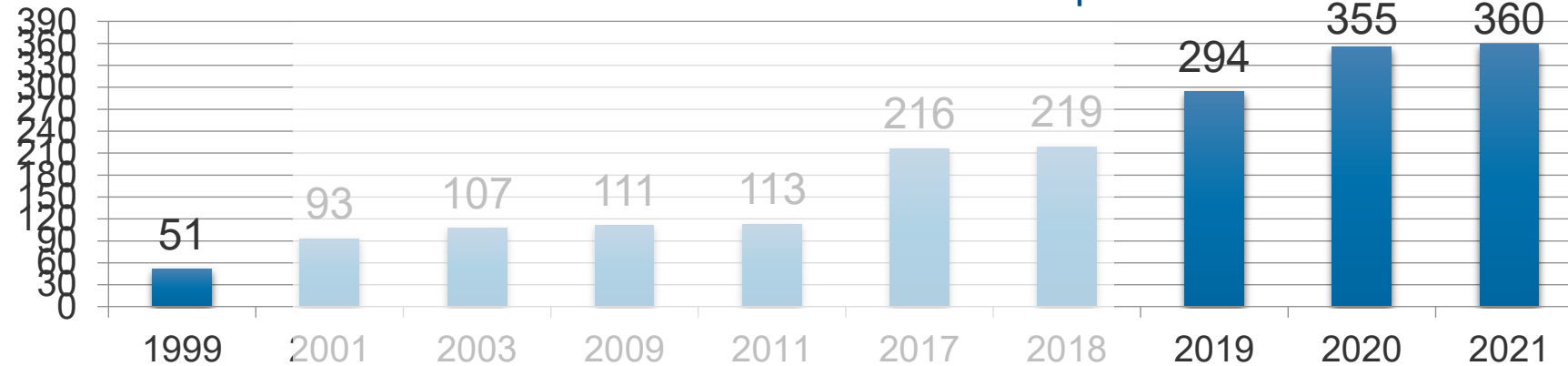


Armin Rupalla
RA Consulting GmbH

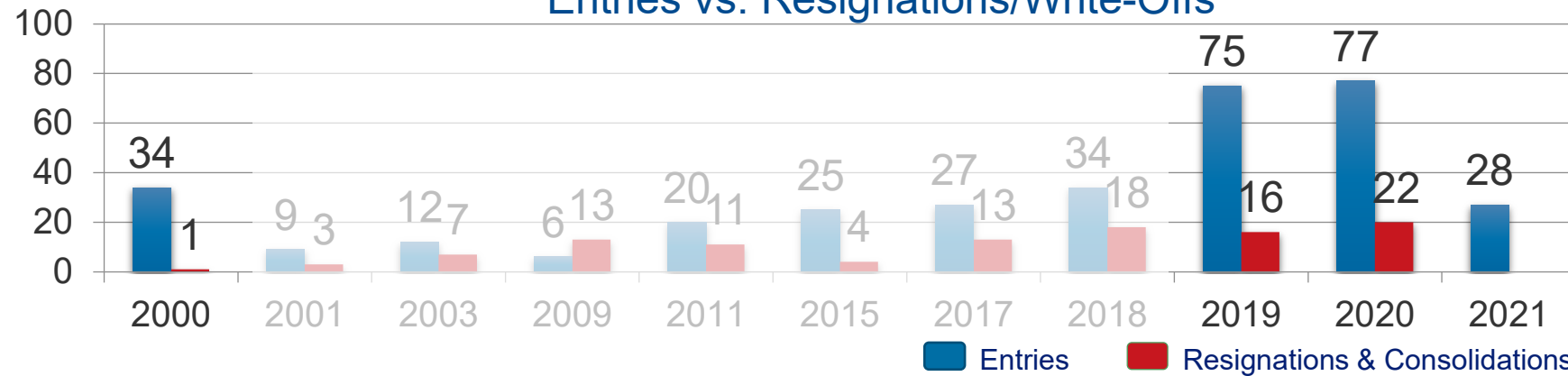
Membership Development

New Members: 2020 – the best year ever!

Total Number of Members per Year



Entries vs. Resignations/Write-Offs



Status: as of June 15, 2021

More Than 360 Member Organizations Develop and Apply ASAM Standards

[illegible]

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ASAM Standards Portfolio

ASAM is currently active in 7 domains

Simulation

OpenCRG OpenDRIVE OpenSCENARIO
OSI

Data Management & Analysis

CEA ODS

Test Automation

ACI ASAP 3 ATX GDI iLinkRT
MCD-3 MC XIL OTX Extensions



Measurement & Calibration

ARTI CDF CPX HMS
MCD-1 CCP / XCP MCD-1 POD
MCD-2 MC MCD-2 CERP MDF

Diagnostics

MCD-2 D MCD-3 D

ECU Networks

MCD-2 NET

Software Development

CC FSX ISSUE LXF MBFS MDX

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

ASAM Development

From the First Idea to the Publication of a Standard



Guiding Principles:

- **Member-driven**
Initiatives and decisions are taken by the member companies.
- **Open exchange**
ASAM requests open exchange among all stakeholders.
- **Domain expertise**
ASAM has a global network of domain experts to develop standards
- **Flexible processes**
ASAM has lean yet flexible process structures leading to short development times
- **Project support**
Experienced Technology Managers support the working groups

Some Highlights (Last Twelve Months)

ASAM Actively Drives Its Evolution – Inside and Outside

- **New Standards Related Activities**
 - New **Domain Simulation** established, high interest worldwide
 - Five **ASAM OpenX** projects identified in Jan. 2019, first three ASAM releases in 2020
 - Currently, 9 ASAM OpenX projects (in total 21 standards development projects) running
 - **High interest** in standards development projects in the **classic domains**
 - First ASAM standard developed **outside Europe**, released in May 2020
- **Next Steps towards Internationalization** (members in 30 countries in 2020)
 - Local entry in China (C-ASAM), first Regional Meeting China in November
 - Re-vitalization of North American Activities, high interest in ASAM OpenX
 - Requests from Korea, number of Korean members increasing
 - First ASAM members in Canada, Croatia, Israel, Romania, Slovenia, Spain, Ukraine, Turkey, Lithuania,
 - **International trademark registrations** at several national IP Offices (ASAM, ASAM OpenDRIVE, ASAM OpenCRG, ASAM OpenSCENARIO, ASAM OSI)



Some Highlights (Last Twelve Months), ctd.

ASAM Actively Drives Its Evolution – Inside and Outside

- **Services for ASAM members worldwide**
 - Two-days Technical Seminar 2020, ASAM General Assembly 2021 (all online)
 - ASAM SIM:Guide
 - Webinars, Social Media, ...
- **A Recognized Partner in the Standardization Community**
 - Several Liaison Agreements with **ISO (SC5, WP 9, ...)**
 - MoU with **SAE**, discussions with AVSC and ORAD committees
 - Attendee Agreement with **AUTOSAR**, regular meetings, common presentation at AUTOSAR Open Conference 2021 (XIL, SOVD, OSI, ...)
 - **Eclipse Foundation**: discussions on common activities in OpenX
 - Several introductory calls with **IEEE**
 - Observer seat at **IAMTS** Executive Committee, collaboration with WG's
 - MoU with **CITA** (International Motor Vehicle Inspection Committee)
- **Associate partner in several government funded projects**
- Actually, involved in **KISME**, **NFID4MobilTech**, **GAIA-X**, ... other projects will follow



Thank you!

Peter Voss

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For more information
on ASAM visit

www.asam.net