ASAM OSI: Crash Course

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Webinar

ASAM Association for Standardization of Automation and Measuring Systems

Introductory Notes

- All presentation material will be made on the ASAM website (https://www.asam.net/conferences-events/detail/webinar-asam-osi/)

- The crash course will be fully recorded and published online – the link will be shared alongside the presentation material above

- # Many thanks to the contributing presenters and their companies – without them this would not be possible!
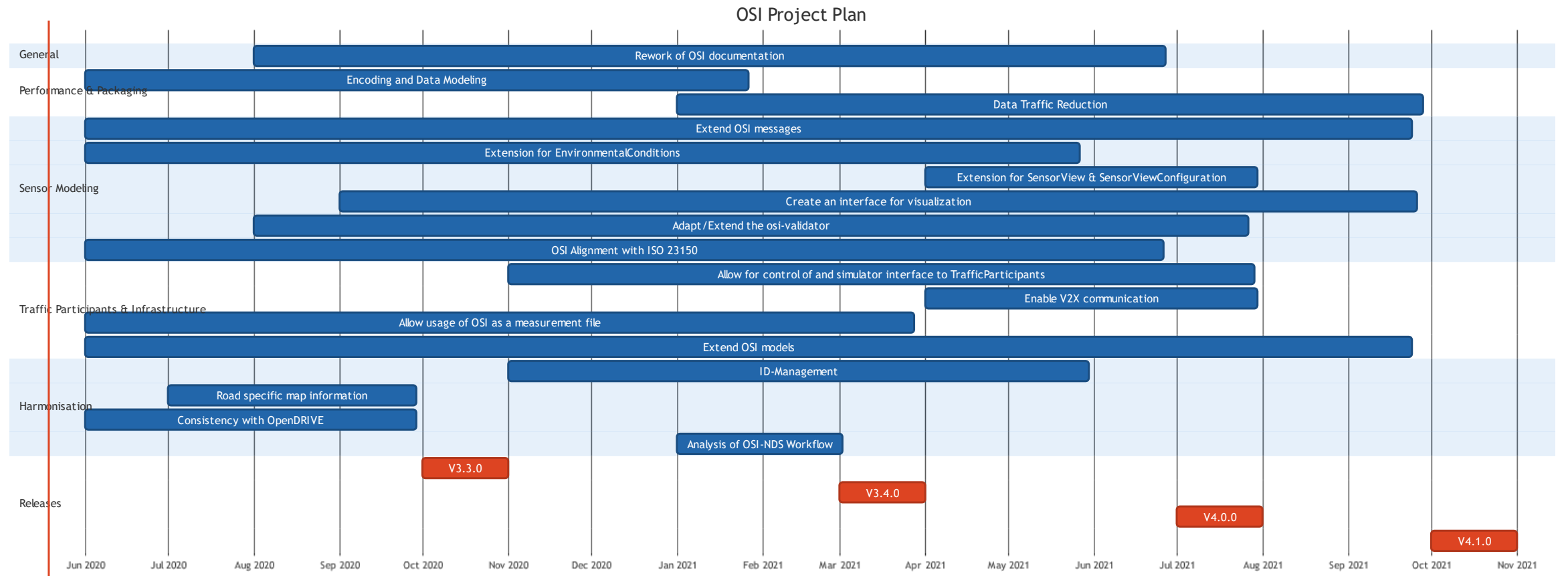
ASAM OSI Crash Course: Agenda

TOPIC	PRESENTER
Introduction	ASAM
General Overview of OSI	PMSF
Quick overview of sensordata vs groundtruth vs sensorview	ANSYS
Use cases for OSI at BMW	BMW
Using OSI and OSI Viewer to perform Unit Tests on Sensor Models	PMSF
A Simulation Environment using only OpenX standards	THI
Break	
Use Cases for OSI at dSPACE	dSPACE
Coupled closed-loop & physics based simulations using OSI	ANSYS
Generating OSI ground truth data on the fly from real world GIS and driving data for use in FMI Bench	HS Kempten
Mixed reality test environment and how OSI is used in this	THI
Architectural overview / what models should be connected with one another?	SetLevel4to5
Activities of HS Kempten	HS Kempten
Q&A	All
End	

Questions? → in benjamin-engel

ASAM

Contributing

- See the project proposal here

- Three ways to take part
  1. Direct participation via GitHub, just as in any other open-source project
     - Submit and discuss issues
     - Submit pull requests

  2. Participation via ASAM project & ASAM membership
     - All of the above plus
     - Take part in the working group meetings and discussions
     - Define the development roadmap and direction of OSI
     - Ensure your use cases & requirements are covered by OSI
     - How to join

  3. As a service provider
     - Funding provided by ASAM for supporting the project group in e.g. technical documentation
     - See call for offers

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ASAM OSI: Roadmap

OSI Project Plan

ASAM OSI: Crash Course

Questions?

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Recordings and presentation material will be made available online.

To stay up to date on ASAM news:
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