

ASAM

Standards for ADAS and AD development

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May 19th 2020
AD Meetup



Agenda

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9:00	Welcome & Introduction to ASAM	Nicco Dillmann (ASAM)
9:45	Walkthrough the Project Proposal	Siddartha Khastgir (Univ. of Warwick)
10:30	Coffee Break	
11:00	Feedback on the Project Proposal	Siddartha Khastgir (Univ. of Warwick)
11:30	Resource Commitment by the Company's for the Project	Nicco Dillmann (ASAM)
11:45	Next Steps	Nicco Dillmann (ASAM)
12:00	End	

About ASAM

Who we are and what we do

Who is ASAM e.V.



1998 Foundation of ASAM e.V.



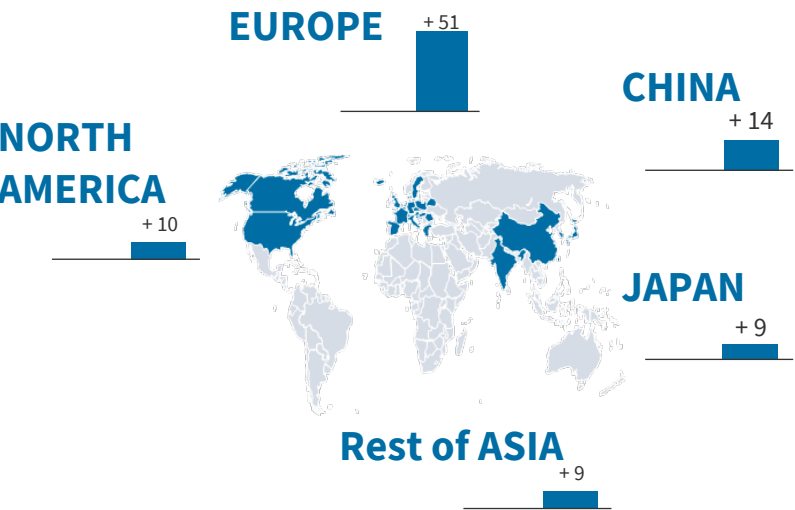
~ 30 other members

”ASAM Vision:

We pursue the vision that tools of a development process chain can be freely interconnected and data can be seamlessly exchanged.

“

New ASAM Members in 2019



Currently ~ 300 member from all around the world



Start of the ASAM Simulation Domain

Transfer of OpenDRIVE to ASAM in
Sept. **2018**



ASAM Standard Domains:

Simulation

Data
Management &
Analysis

Test Automation

Measurement &
Calibration

Diagnostics

ECU Networks

Software
Development



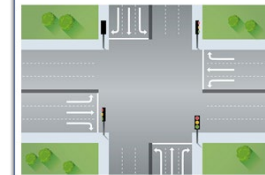
OpenSCENARIO and OpenCRG followed in Nov. **2018**

Static road surface
description



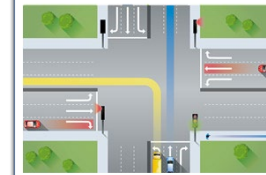
ASAM OpenCRG®

Static road network
description



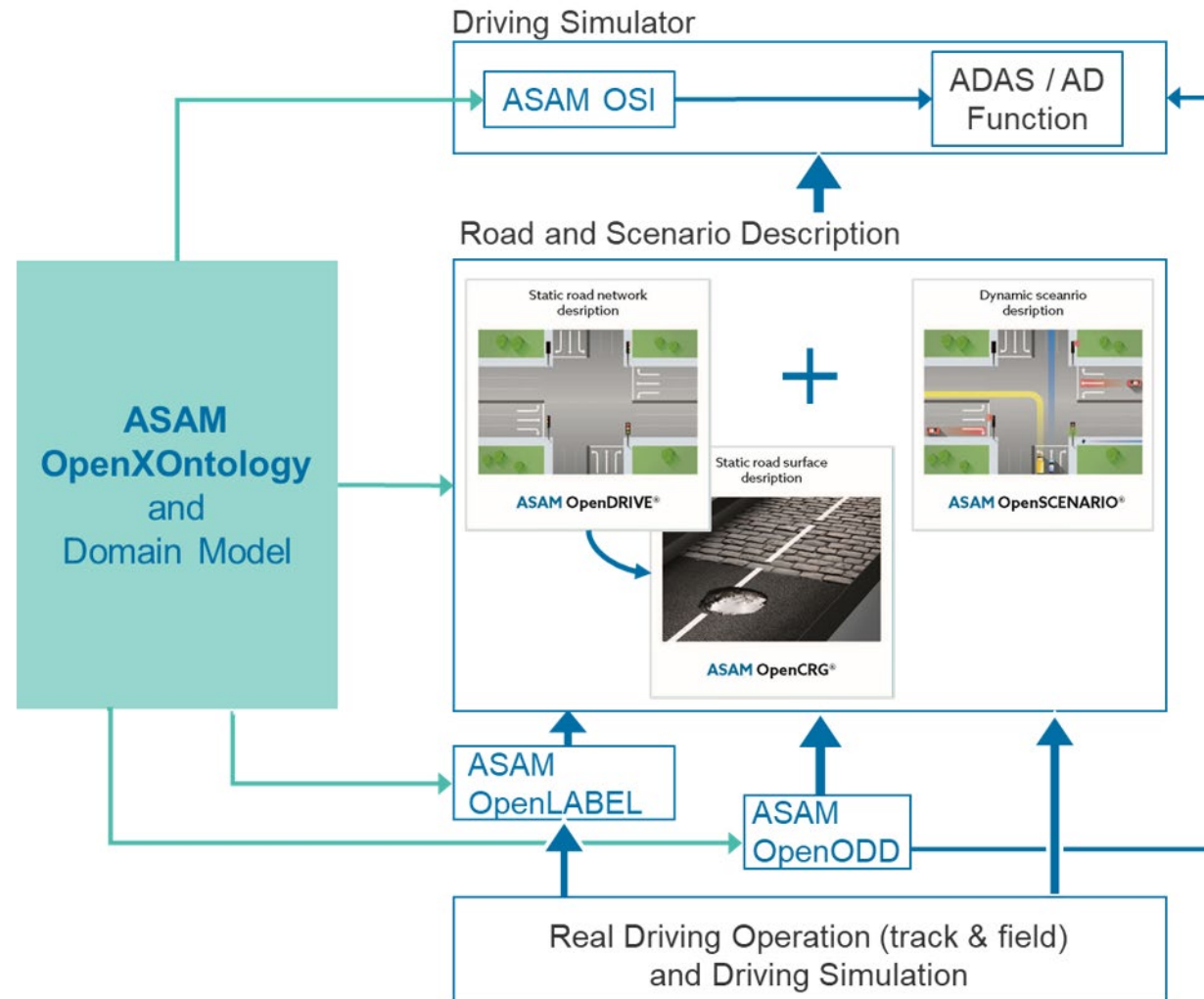
ASAM OpenDRIVE®

dynamic scenario
description



ASAM OpenSCENARIO®

ASAM OpenX: Overview



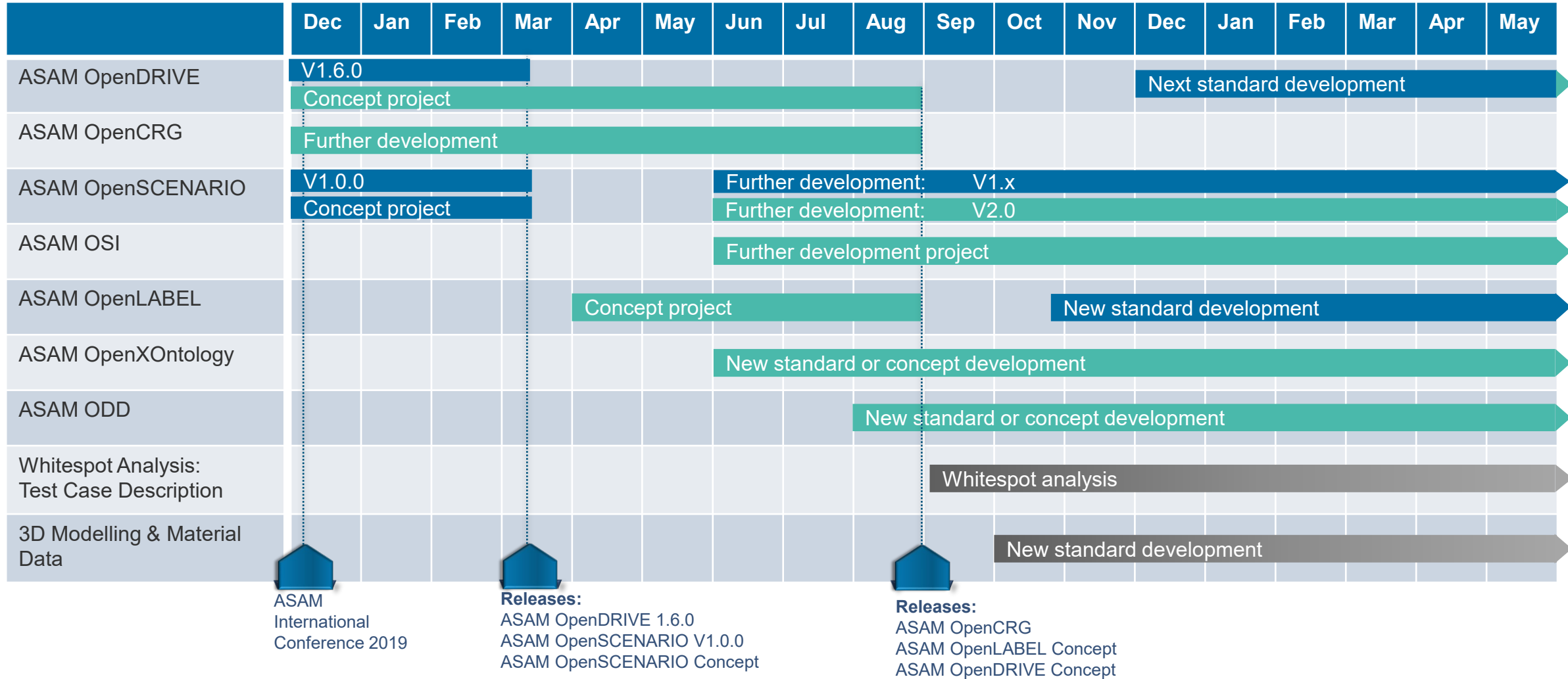
Some Highlights

ASAM actively drives its evolution – inside and outside

- [Services for ASAM members worldwide](#) (members in 27 countries)
ASAM International Conference 2019, ASAM General Assembly 2020, ...
- [New Standards Related Activities](#)
 - New domain “Simulation” established, high interest worldwide
 - Five ASAM OpenX projects identified in Jan. 2019, first releases in March 2020
 - First successful local Concept Project outside Europe finished
 - First standard development outside Europe, release in May 2020
- [Next Steps towards Internationalization](#)
 - Local entry in China (C-ASAM)
 - Re-vitalization of North American Activities
 - Requests from Korea
 - First ASAM members in Canada, Croatia, Israel, Romania, Slovenia, Spain,
- [A Recognized Partner in the Standardization Community](#)
Liaison Agreements with ISO, MoU with SAE, AUTOSAR Attendee Agreement, ...



Timeline 2020 / 2021



ASAM Development Process for Standards

From First Ideas to New Standards



Doodle for the Kick Off Workshop

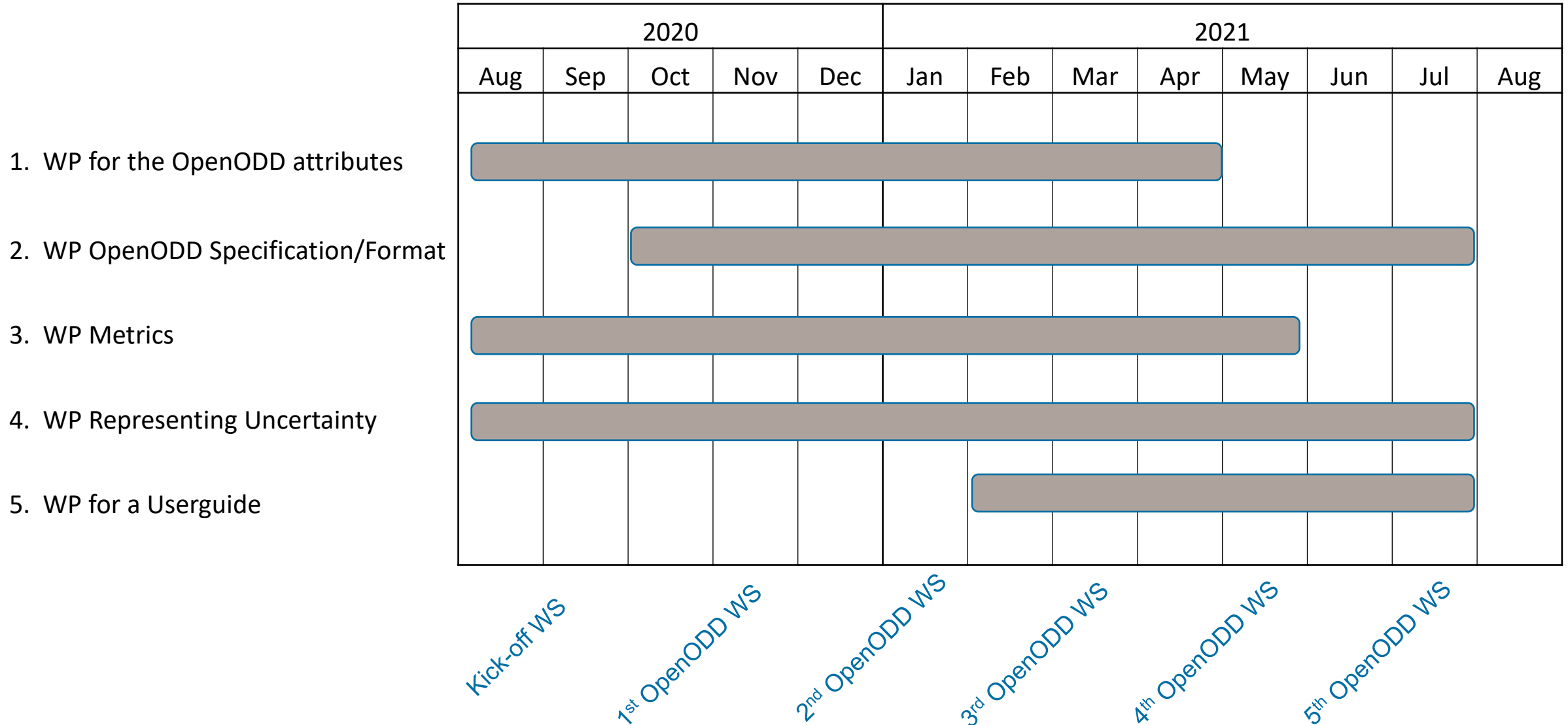
calender week 32 (03.08.2020 - 07.08.2020)	calender week 33 (10.08.2020 - 14.08.2020)	calender week 34 (17.08.2020 - 21.08.2020)	calender week 35 (24.08.2020 - 28.08.2020)	calender week 36 (31.08.2020 - 04.09.2020)	calender week 37 (07.09.2020 - 11.09.2020)	calender week 38 (14.09.2020 - 18.09.2020)	calender week 39 (21.09.2020 - 25.09.2020)
✓ 0	✓ 0	✓ 0	✓ 0	✓ 0	✓ 0	✓ 0	✓ 0
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<https://doodle.com/poll/4znepety74csenfm>

Workflow and Tools

OpenODD Project Proposal

Timeline OpenODD



Thank you for your attention!

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