

# OPENPASS

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**STEERING COMMITTEE, NOV 30 2017 - WEBCON**

**ATTENDEES:**

**TIMO VOGT, BMW**

**LEI WANG, BMW**

**RENE PARIS, ON BEHALF OF BMW**

**MICHAEL DÜRING, ON BEHALF OF VW GOA**

**JAN DOBBERSTEIN, DAIMLER**



# AGENDA – NOV 30, 2017

- BMW proposal for World representation (Replace BMW's internal world Data xFace with openSource Interface OSI)
- Minor release 0.5 – xodr world or alternative option A or B?
- Changes to WG charter
- EPL-2.0
- “WG map”: OpenMobility, openADx, openPASS
- BMW proposal for minor changes regarding openPASS Channel -Architecture

# AGENDA #1 - BMW PROPOSAL FOR WORLD REPRESENTATION



Current status in AC:

- Release v0.5 suggested: tool with GUI to configure agent etc. and start simple traffic simulation based on mini modules in xodr road (3 lane motorway).
- User stories for v0.5 written and evaluated, all “green” US in Tuleap
- Issue: no Xface open source refactoring (or alternative xodr world) available yet; furthermore: GUI plugins for this use case not available/planned yet.

BMW proposal: instead of Xface refactoring, BMW develops a world data structure based on OSI

<https://github.com/OpenSimulationInterface>

“OSI\_world” will be available and committed to open source repositories in Q2 / 2018

**DECISION: the group accepts the BMW proposal**

# AGENDA #2 MINOR RELEASE 0.5 – XODR WORLD OR ALTERNATIVE OPTION A OR B



## Current status in AC:

- Release v0.5 suggested: tool with GUI to configure agent etc. and start simple traffic simulation based on mini modules in xodr road (3 lane motorway).
- User stories for v0.5 written and evaluated, all “green” US in Tuleap
- Issue: no Xface open source refactoring (or alternative xodr world) available yet; furthermore: GUI plugins for this use case not available/planned yet.

## Possible solutions:

- BMW discusses with ITK (Dmitri) and other supplier, if Xface open source refactoring is feasible until end of Nov 2017 (week 48) – see Agenda #1
- option A: delay v0.5 to 2018
- option B: change v0.5 to “PCM use case” (i. e. adjust planning to what is there) & plan with Xface in v0.6

**DECISION: option B v0.5 = PCM use case / OSI world data structure available in Q2 /2018, see v0.6**

# AGENDA #3 UPDATES OF WG GOVERNANCE / CHANGES TO WG CHARTER



Proposal 1: instead of 90 manpower units, each Driver member pays (e. g.) 60,000 US\$ at the Eclipse Management Office to hold these resources in trust of the WG for the “WG overhead” (release planning, tracking, integration, testing).

- Benefit: “overhead” activities (requirements tracking, release planning, documentation, testing..) would be covered without need for single driver members to pay service provider
- Text change in openPASS charter – minor: change table “membership fee structure”
- Review by legal departments – yes, necessary

Proposal 2: only Steering Committee instead of SC, AC, QC

- Benefit: structure of bodies reflects actual working procedure, faster progress.. See OpenMobility
- Text change in openPASS charter – major: aggregate / concatenate tasks of bodies

**DECISION: still need for discussion**

# AGENDA #4 EPL-V2.0



Discussion on mailing list, if, when and how to change to EPL-v2.0. summary (Nov 30):

- Switch to EPL-2.0 is required by EMO
- VW GoA wants to commit under EPL-2.0 right away.
- Daimler and BMW check with legal, if and how the EPL-v2.0 is acceptable for each organization, and inform the group until end of 2017 about the decision.
  - Update Nov 30: Daimler IT => i.O.

Next steps (proposal Jan):

- Jason will commit VW GoA code under the EPL-v2.0
- Code in sim@openPASS repo committed by ITK will be updated to EPL-v2.0 until the end of 2017. (= all code under 2.0)
- All future commits will be under EPL-v2.0

**DECISION: process as described above accepted**

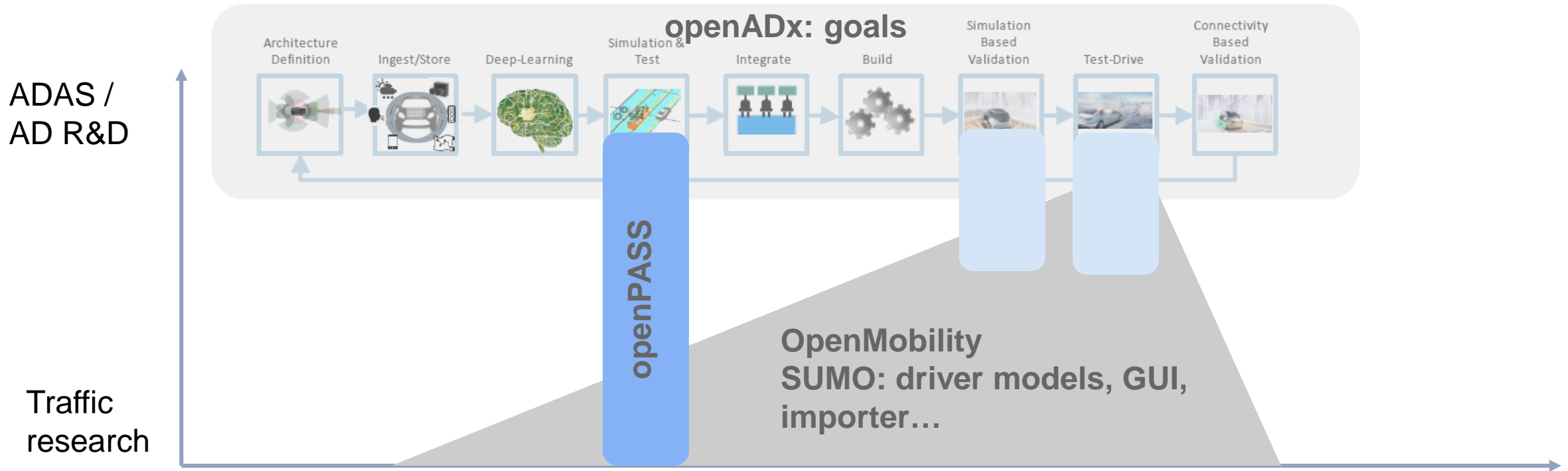
# AGENDA #5 WG MAP OPENPASS, OPENMOBILITY, OPENADX



Background: new Eclipse activities in field of openPASS, many bilateral discussions... in a nutshell:

OpenMobility: DLR moves traffic simulation tool SUMO to Eclipse project / EPL.

openADx: initiative by BOSCH/Microsoft – goal: virtual tool chain for AD development (big data, virtual testing)



# SUMMARY / NEXT STEPS



- Instead of Xface refactoring, BMW / IN-TECH develops a world data structure based on OSI, this “OSI\_world” will be available and committed to open source repositories in Q2 / 2018 (#1)
- Until then, no import of XODR scenes is possible or can be used by sensors, agents etc. in terms of a world / road system. Hence the group agreed to change the scope of v0.5 to the “PCM use case” (#2)
- V0.5 “PCM use case” (#2): Jan will add Tuleap user stories to complete the scope of this minor release. In terms of source code commits, available “PCM components”, the GUI framework that VW GoA is about to commit and nearly completed GUI plugins will be used to release this V0.5 by the end of 2017.
- For the release of the “XODR/OSI traffic simulation use case” (the “real” use case of openPASS), the group will plan minor release v0.6 accordingly. Jan will propose a next meeting for this planning.
- Wrt EPL-v2.0 (#4), the proposed implementation of whether, how and when to change was accepted by all.
- Wrt openPASS Charter changes (#3), the discussion needs to be continued, since the administrative efforts to change the charter (legal review, planning) are high.
- The “WG map around openPASS” (#5) was not discussed due to lack of time.