



openPASS Working Group Program Plan

2022

Program Objectives (1/2)

1. Enhance **usability** of openPASS

- > Further improve documentation based on new v0.8 Sphinx docu
- > Improve information overview: website, GitLab, docu
- > Fix issues
- > Demo videos (how to use GUI, E2E framework, xmls...)
- > (...)

2. Identify **collaboration opportunities** across projects to advance technical initiatives

- > Highlight use of openPASS in R&D projects on website
- > Link to papers, studies, presentations..
- > publish openPASS exemplary study (tbd)
- > (...)

Program Objectives (2/2)

3. Establish a **high quality** simulation platform towards release V1.0

- > Improve CI and E2E testing
- > Repo structure with more submodules
- > Extend support for standards OpenDRIVE, OSI, FMI, SSP
- > Further development of GUI (e.g., generating configs)
- > Various optimizations for a more realistic traffic (tbd)
- > (...)

4. **Integration Scenario API (Mantle) and OpenSCENARIO Engine** in openPASS

- > Launch first demo with OSC1.0 and openPASS core
- > Highlight different solutions using Mantle API and OpenSCENARIO Engine
- > Interact with ASAM / ASAM bodies about next steps
- > Promote use of Mantle API, OpenSCENARIO Scenario Engine and further openPASS components
- > (...)

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Thank you!