A H2020 PROJECT
CP-SETIS: SUPPORTING OPEN DATA & TOOL INTEROPERABILITY

GOALS
- The alignment of all IOS-related forces within Europe to support a common IOS Standardisation Strategy, aiming at a formal standardisation process of the IOS.
- The definition and implementation of sustainable IOS Standardisation Activities, supporting both, formal standardisation of stable IOS versions as well as extensions of IOS, if possible within existing structures that survive the lifespan of single projects.

OBJECTIVES
- To build-up a consensus across key stakeholders (i.e., end-user organisations, tool providers, research organisations) and projects on a common IOS Standardisation Strategy.
- To define a concrete model for sustainable IOS Standardisation Activities.
- To support implementation of IOS Standardisation Activities within sustainable structures that have a far longer lifespan than a single project.
- To get commitment from key stakeholders for supporting a common IOS Standardisation Strategy and its implementation.
- To generalise findings of IOS Standardisation Activities to update the ARTEMIS-PROSE Strategic Agenda for Standardisation, and to support further Standardisation Activities within ARTEMIS/ECSEL.

IOS - OPEN STANDARD FOR DATA & TOOL INTEROPERABILITY
There is an urgent need:
- to enhance and extend the IOS
- to standardise IOS in various formal standards.
Activities to fulfill this need exceed lifetime and scope of any single project.

IOS - TECHNICAL DIMENSION
- Easily integrate various tools into Engineering Environments.
- Reduce the complexity and risk of increasingly complex software infrastructures (Engineering Environments).
- Allows flexible tool-chains, fully tailorable to End-Users’ needs.
- Avoid costly and inefficient in-house developments and vendor lock-ins.
- Enable Tool Providers to focus energy and resources on higher-value functionality and customisation, thus providing time and cost savings.
- Make multiple interfaces redundant.

ICF - IOS COORDINATION FORUM
- The ICF is a sustainable structure that serves as a forum for all stakeholders to coordinate all IOS related activities.
- The ICF will be implemented as a lightweight structure within an existing hosting structure.

BENEFITS OF USING THE IOS
- Easily integrate various tools into Engineering Environments.
- Reduce the complexity and risk of increasingly complex software infrastructures (Engineering Environments).
- Allows flexible tool-chains, fully tailorable to End-Users’ needs.
- Avoid costly and inefficient in-house developments and vendor lock-ins.
- Enable Tool Providers to focus energy and resources on higher-value functionality and customisation, thus providing time and cost savings.
- Make multiple interfaces redundant.

BENEFITS OF PARTICIPATING IN ICF
- All IOS relevant information in one place.
- Use the ICF as an independent, neutral forum, to meet other stakeholders at eye level.
- Get in touch with experts.
- Shaping the IOS according to needs of your company.
- Be able to focus on those parts of the IOS, that are actually of interest to you and your company, while at the same time being aware of all IOS related activities.

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