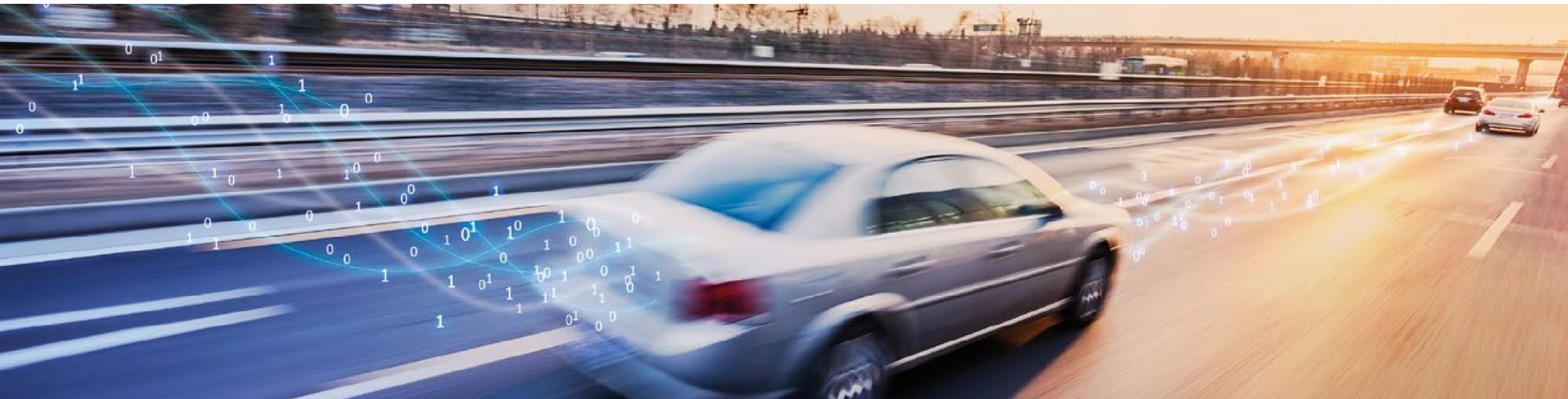


ASAM Standard Development Process

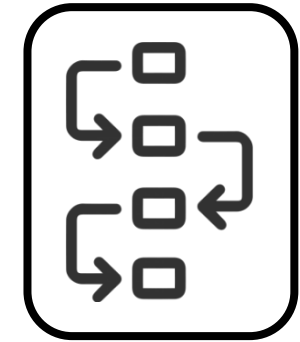
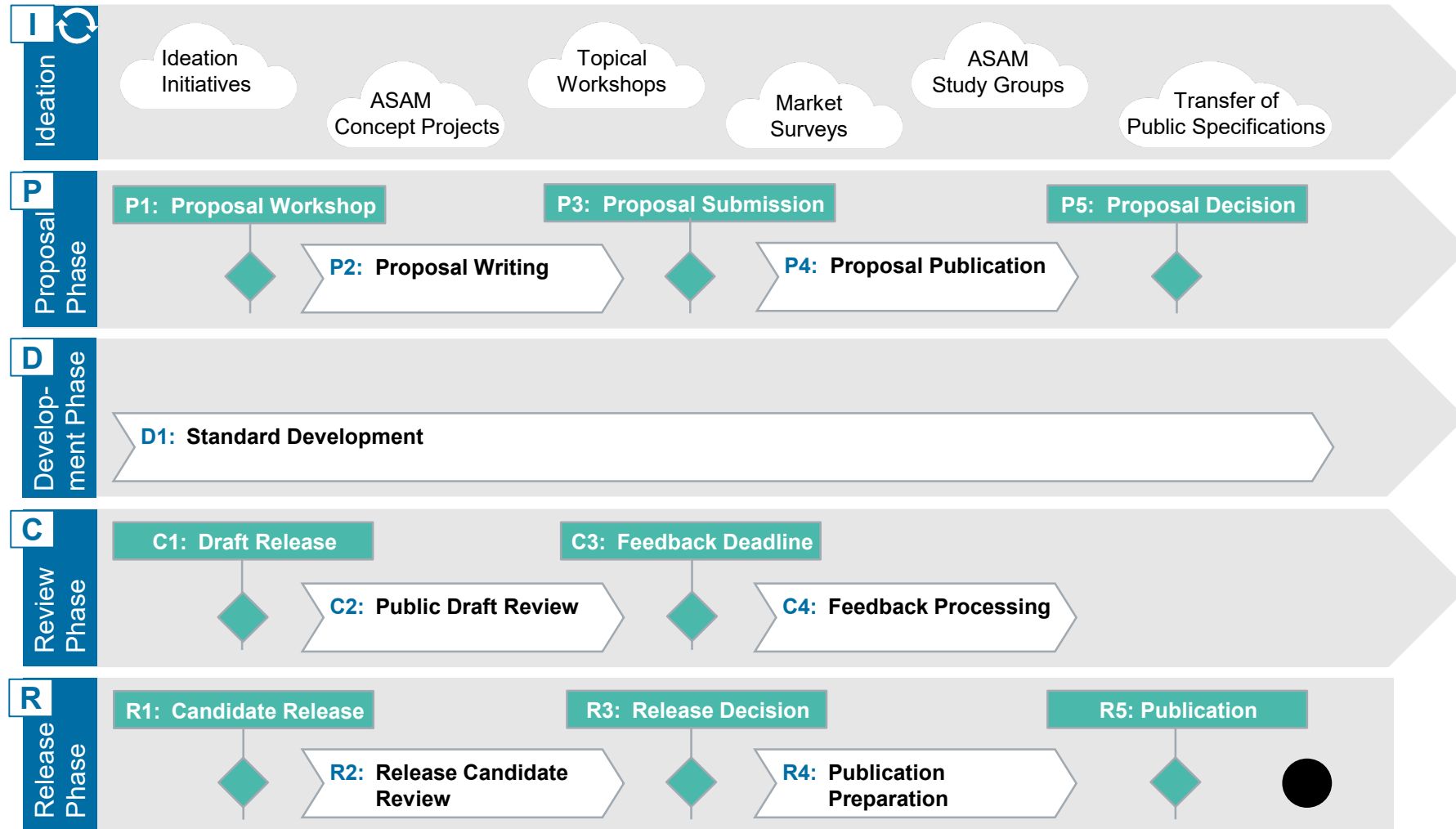
HPC Diagnostics Proposal Workshop

Dr. Klaus Estenfeld
ASAM e.V.

June 05, 2019
Höhenkirchen/Germany



ASAM Development Process for Standards



Project Types

Standard Development Projects

New Standard Development

⇒ Develop new standard

Major Version Development

⇒ Add major content

Minor Version Development

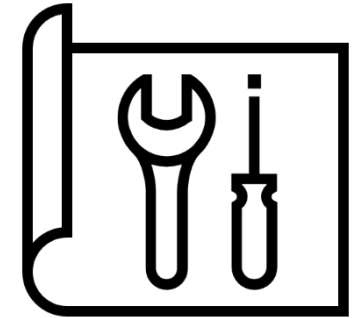
⇒ Make smaller additions and changes, should be backward-compatible

Revision Version Development

⇒ Fix issues, must be backward-compatible

Other Projects

- Implementation Project
 - ⇒ Create supplementary products that support the application of ASAM standards
- Concept Project
 - ⇒ Preparation of standard development projects
 - ⇒ Allow international members to influence existing ASAM standards via local concept development projects
- Study Project
 - ⇒ Joint learning and application of ASAM standards
 - ⇒ Feedback to standard development group



Tools

File sharing:



Subversion

svn.asam.net

Bug reports:



Bugzilla

bugzilla.asam.net

Feature requests:



Bugzilla

bugzilla.asam.net

Draft document reviews:



Adobe Shared Review

webdav.asam.net

Internet conferencing:



WebEx

asam-online.webex.com

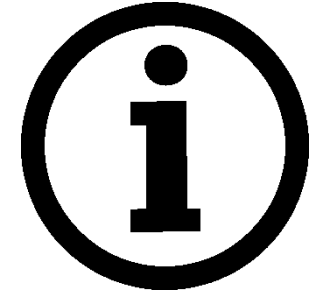
Video conferencing:



e.g. Lifesize

Mandatory Rules

ASAM project groups have a lot of latitude to organize their work.



Some rules are mandatory to guarantee an orderly and fair execution of projects.

- Each project has an elected project leader.
- Each meeting is documented via meeting minutes.
- The business language is English.
- One company = one vote.
- The ASAM standards template must be used for standard documents.
- No "passive" or "info-only" project group members, or permanent guests.
(members must actively participate in the project or can not participate at all)
- ASAM does not accept "confidential" information and limited IP.
(information and IP is open to all, or can not be brought into ASAM)
- No pre-publication of project IP.
(exceptions: public review or majority decision by the project members)
- The ASAM IT infrastructure must be used.
(no file exchange via email, no use of external tools or servers)

Project Proposal Summary

Summarized Executive Summary

- The purpose of the Concept Project is to address the **features** that will be **included** in the **HPC System standard**. The **features** discussed were extracted from *presentations and discussions* from the *workshops* held by ASAM.
- Each feature could be evaluated as its own *subproject* with a **concept exploration** and a **concept project** phase.

Deliverables

- Concept paper(s) – service provider
- Project proposal for each feature that needs to go into the standard – ASAM member

Financials:

- **Service provider** budget: **0 €** (X man-days)
- **ASAM member** budget: **0 €** (Y man-days)
- This budget meets the requirements of ASAM budget approval

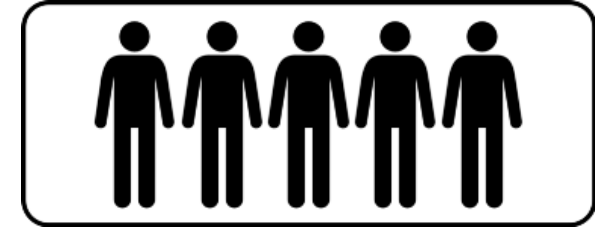
Features

- tbd

What is Expected from Project Group Members?

Task

Develop the standard as defined in the project proposal.



Members (= Experts)

- Provide use-cases, application & process knowledge and requirements.
(typically OEMs and Tier-1s)
- Provide technical expertise on solutions and implementations.
(typically tool vendors)
- May write parts of the standard and contribute other artefacts.
- Review the work of the standard author.
- Vote on the acceptance of individual proposals and technical release of the standard.

Project Leader



Tasks

- Is elected by the project group members.
- Organizes and manages the work group.
- Sets the meeting agendas.
- Moderates project group meetings.
- Manages service provider(s).
- Represents the group towards the TSC and ASAM Office.

Rights & Resources

- Can invite guests to meetings.
- Approves access to project IT resources.
- Obtains WebEx-account from ASAM.
- Uses the service provider as a resource within the limits of project group and TSC decisions.
- Approves deliverables from the service provider.
- Speaks on behalf of the group to external parties.

Other Roles

Document Author

- Writes (parts of) the standards.
- Integrates written contributions into the standard documents.
- Typical: Is done by a paid service provider.

Note Taker

Each meeting must have minutes, stored in SVN.

- Writes the meeting minutes.
- Obtains presentations and other meeting materials and puts them in SVN.

Host

Meetings shall be held at alternating locations. Each members shall host a meeting once.

- Provides meeting room and catering.
- Provides phone and Internet access.

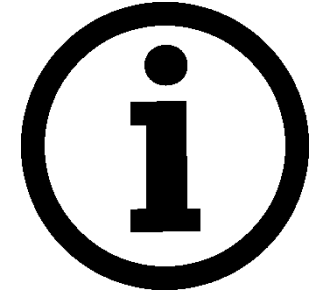


Agenda

Election of the Proposal Writer

Armin Rupalla (ASAM)

Best Practices



Most productive project format:

- Regular (monthly) on-site meetings to discuss standardization concepts and review new/revised sections of the standard.
- Use video conferencing for groups with international participants.
- Remote meetings (WebEx) for organizational or easy technical topics, only.
- Project leader manages the group's work.
- Document owner writes the standards.

Start of technical work:

- Define or confirm use-cases, top-level requirements and features to be considered for the development of the standards.
- Determine chapter structure of the standard.
- Start to define the terminology (terms, acronyms, abbreviations).
- Then proceed with feature standardization.

Consent building and voting:

- Project leaders shall drive the group to 100% consent decision.
- If unanimous consent cannot be reached, then voting is carried out. One company = one vote.

Time Schedule (cont.)

Result

- Project confirmation by ASAM TSC: With current meeting schedule the end of the project is **projected** to be **July 2019**
- **Objective:** Finishing the proposal project ASAP (?)
- Meeting frequency

Time for propositions...

- ...

Thank you!

Klaus Estenfeld

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For more information
on ASAM visit

www.asam.net