



# SDV Contribution Day Participation Process Session

2022.07.19

# Agenda

- **Welcome and Introduction**
- **SDV Contribution Days - Concept and Timeline**
- **The Relationship between Projects and Working Groups**
- **The Project Onboarding Process**
- **Logos, Trademarks and Websites for Projects**
- **Q&A**

# Welcome and Opening Remarks

# SDV Membership Commitments (as of July 18th, 2022)

accenture

arm



Capgemini

CARIAD  
A VOLKSWAGEN GROUP COMPANY

Continental

DMI

EB Elektrobit

ETAS

eteration  
SOURCE OF OPEN

FUTUREWEI  
Technologies

KARAKUN

Microsoft

NXP

Red Hat

REYCOM  
OF SWITZERLAND

BOSCH  
Invented for life

SUSE

TOYOTA

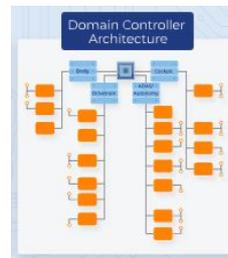
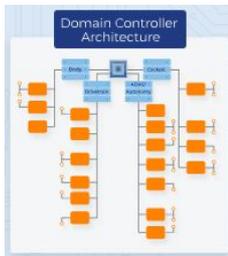
ZE GROUP

# SDV Contribution Days - Concept and Timeline

# The SDV Development Model

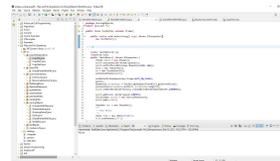
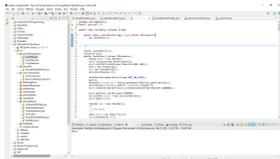
The “classical” approach

The SDV approach



Spec

Spec



Agile approach

V-Model approach

- Non-consensus driven
- No single “the SDV stack”
- Distributions
- Gaps needs to be filled

## Software Defined Vehicle

The Eclipse Software Defined Vehicle (SDV) Working Group will provide a forum for individuals and organizations to build and promote open source software, specifications, and open collaboration models needed to create a scalable, modular, extensible, industry ready open source licensed vehicle software platform to support in-vehicle and around the vehicle applications development and deployment.



### Eclipse SomnR [Announcement](#)

Eclipse SomnR provides an automotive grade implementation of the someIP specification for embedded Linux systems together with the required tools to support developers.

[Read more...](#)

[Learn more](#)



### Eclipse Muto [Announcement](#)

Eclipse Muto provides an adaptive framework and a runtime platform for dynamically composable model-driven ROS software stacks. Eclipse Muto can be used to introspect, monitor and manipulate the actively running ROS graph (the network of ROS nodes).

[Read more...](#)

[Learn more](#)



### Eclipse ADA4A (Adaptive Cruise Control Demo Application for Adaptive AUTOSAR) [Announcement](#)

ADA4A is example application for Adaptive AUTOSAR with the following goals:

[Read more...](#)

[Learn more](#)



### Eclipse Chariot [Announcement](#)

The Eclipse Chariot project aims to simplify and enhance in-vehicle software developer productivity by providing a metadata-driven middleware/abstraction layer that allows modern application design.

[Read more...](#)

[Learn more](#)



### Eclipse eCAL (enhanced Communication Abstraction Layer) [Announcement](#)

The Eclipse eCAL (enhanced Communication Abstraction Layer) provides a middleware that enables scalable, high performance inter-process communication on a single computer node or between different nodes.

[Read more...](#)

[Learn more](#)



### Eclipse Velocitas [Announcement](#)

Eclipse Velocitas provides an end-to-end, scalable, modular and open source development toolchain for creating containerized and non-containerized in-vehicle applications.

[Read more...](#)

[Learn more](#)



### Eclipse Leda [Announcement](#)

In the ambition to build a technology ecosystem for software-defined vehicle, one of the main challenges will be the combination of the diverse components into a coherent and useful whole: all the s

[Read more...](#)

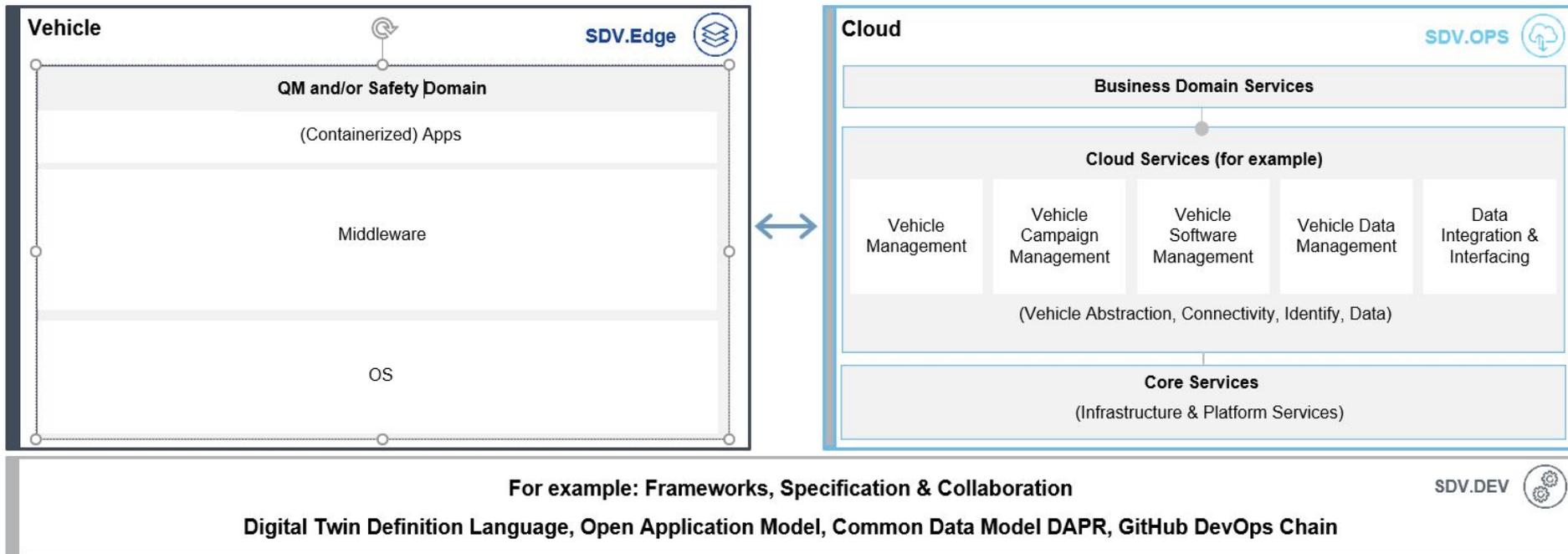
[Learn more](#)



# SDV Contribution Day - June 2022

## See how "code first" becomes operational

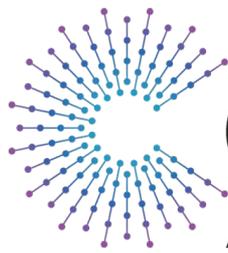
# The SDV Current Scope (with examples)



# Don't reinvent the wheel **The ecosystem around**

**AUTOSAR**

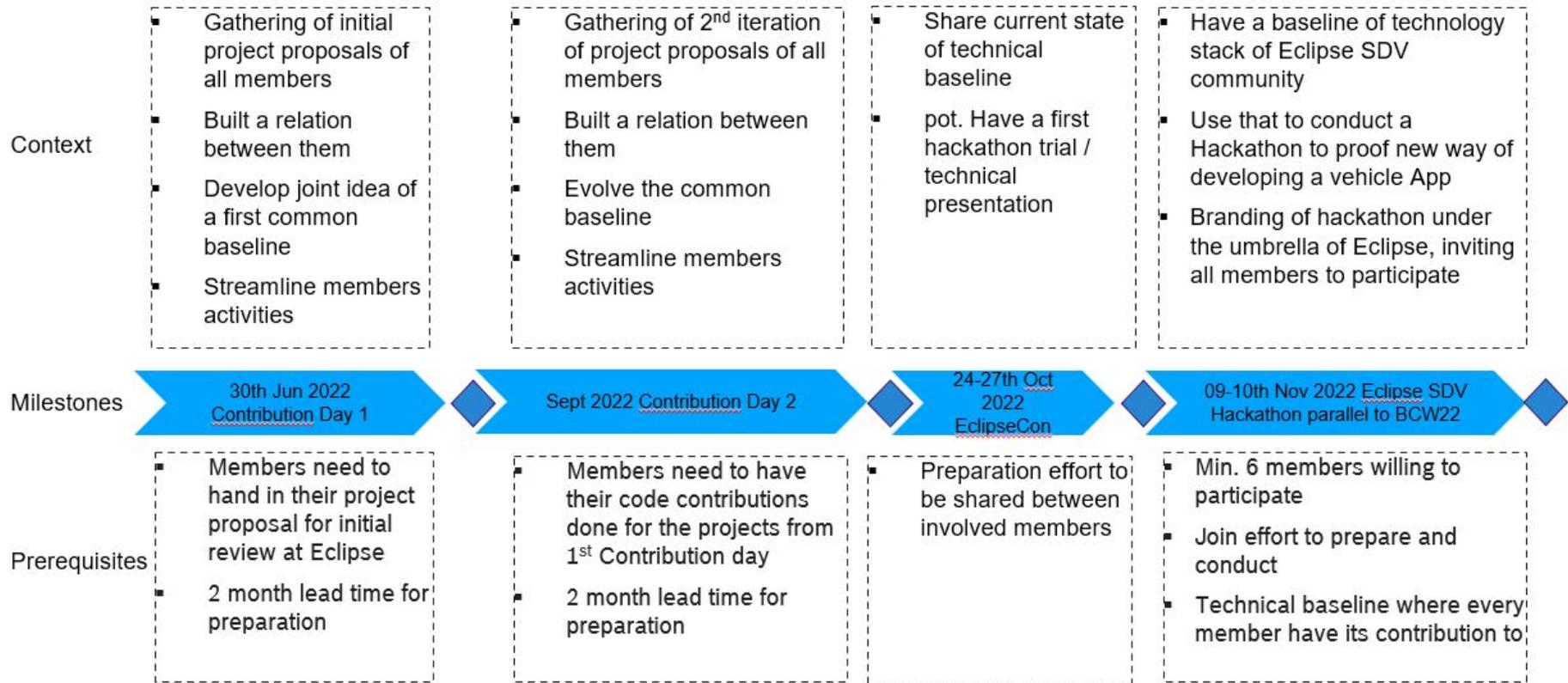
 **SOAFEE**

 **COVESA**  
Accelerating the future of connected vehicles

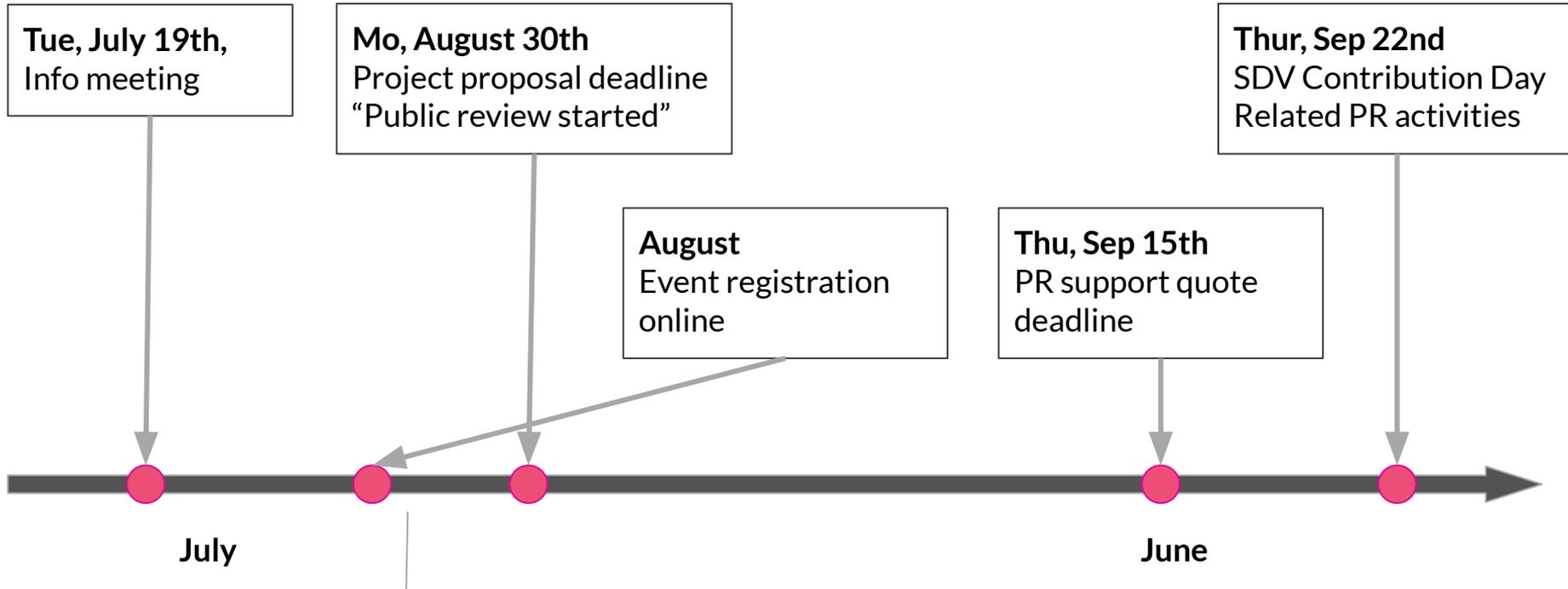
  
**AUTOMOTIVE  
GRADE LINUX**

**.... and more**

# Planned Milestones 2022



# SDV Contribution Day – Timeline



# 2nd SDV Contribution Day

## Sep 22th

**Host: T-Systems International GmbH**

**Location: Telekom HQ, Bonn (details to follow)**

Limited # of seats for the onsite part

**Time: 13:30 CEST - Duration: 4-5h + Come together**

4- 6 projects

<b>Preliminary Agenda</b>	
Intro and welcome	5m
Intro Software Defined Vehicle	15m
Project presentation + Q&A	30m
...	
Report from the machinery room Collaboration and Development from the initial 7 projects	30m
Open discussion - how projects could be combined	30m
Outlook and next steps	10m
Come together	

# 2nd SDV Contribution Day

## Some remarks

- Active and passive participation open for everyone
- Please support PR related activities
- Based on the number of project proposals we may need to limit the number which can be presented at the Contribution Day

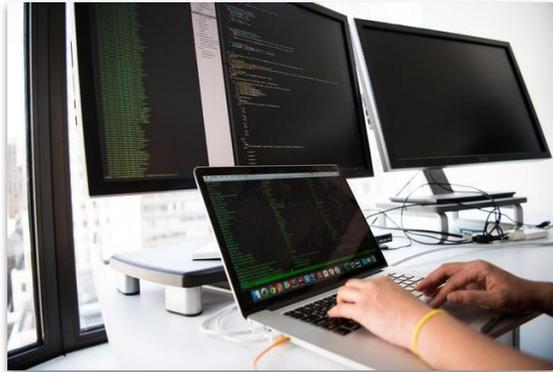
### Some more points

- Projects can be started at any time
- There is no “approval” process next to the EF governance compliance

# The Relationship between Projects and Working Groups

# Projects and Working Groups

## Projects



Transparent  
Open  
Vendor-neutral

## Working Groups



Group of committers

Build code, specification documents, documentation

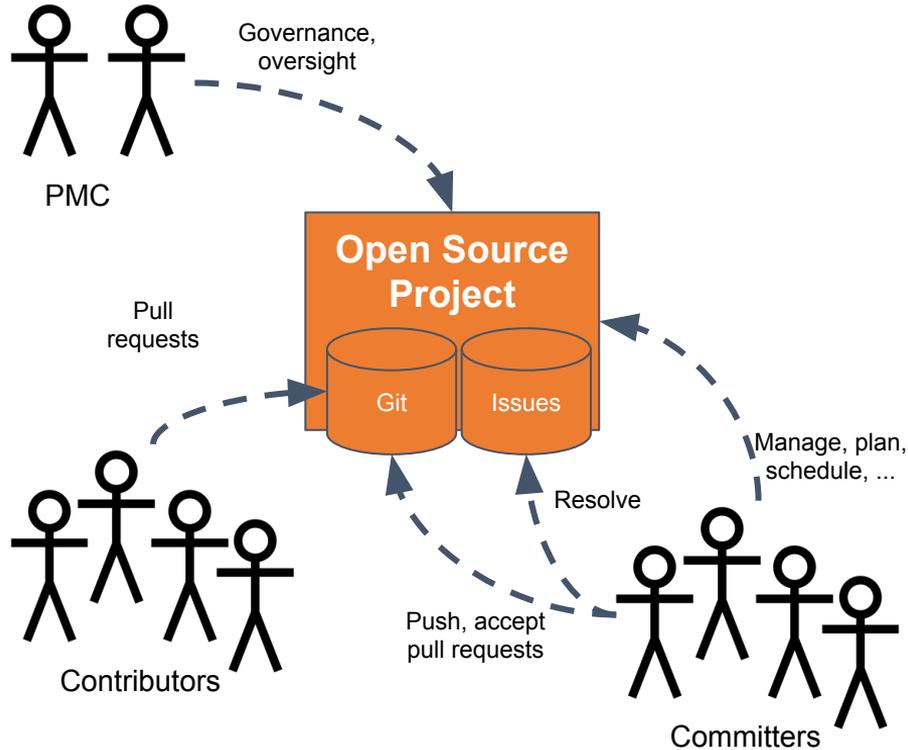
Group of organizations

Focus, promote and augment Eclipse technologies  
Open Governance

# Relationship between Projects and Working Groups

- > There is no notion of Working Group ownership of Projects
  - Working Groups are intended to *complement* open source projects by undertaking activities that open source projects are not well suited for
- > Working Groups express non-exclusive interest in Projects
  - Specification Projects are automatically included in the Working Group's project set
- > The union of the Committers from a Working Group's Projects comprise the Working Group Committers

# Project



Are initially appointed and elected throughout the project

# Eclipse Foundation Working Groups

## Foundation in a box



### **Vendor-Neutral Governance**

Collaboration under a vendor neutral governance model



### **Ecosystem Development and Marketing**

Eclipse Foundation staff help build a community for collaboration through marketing and community programs



### **Collaborative Management**

Working groups coordinate the efforts of open source projects by providing a shared vision and roadmap



### **Specification Development**

Eclipse Working Groups use the proven Eclipse Specification Development processes that provides a framework for the development of specifications in open source



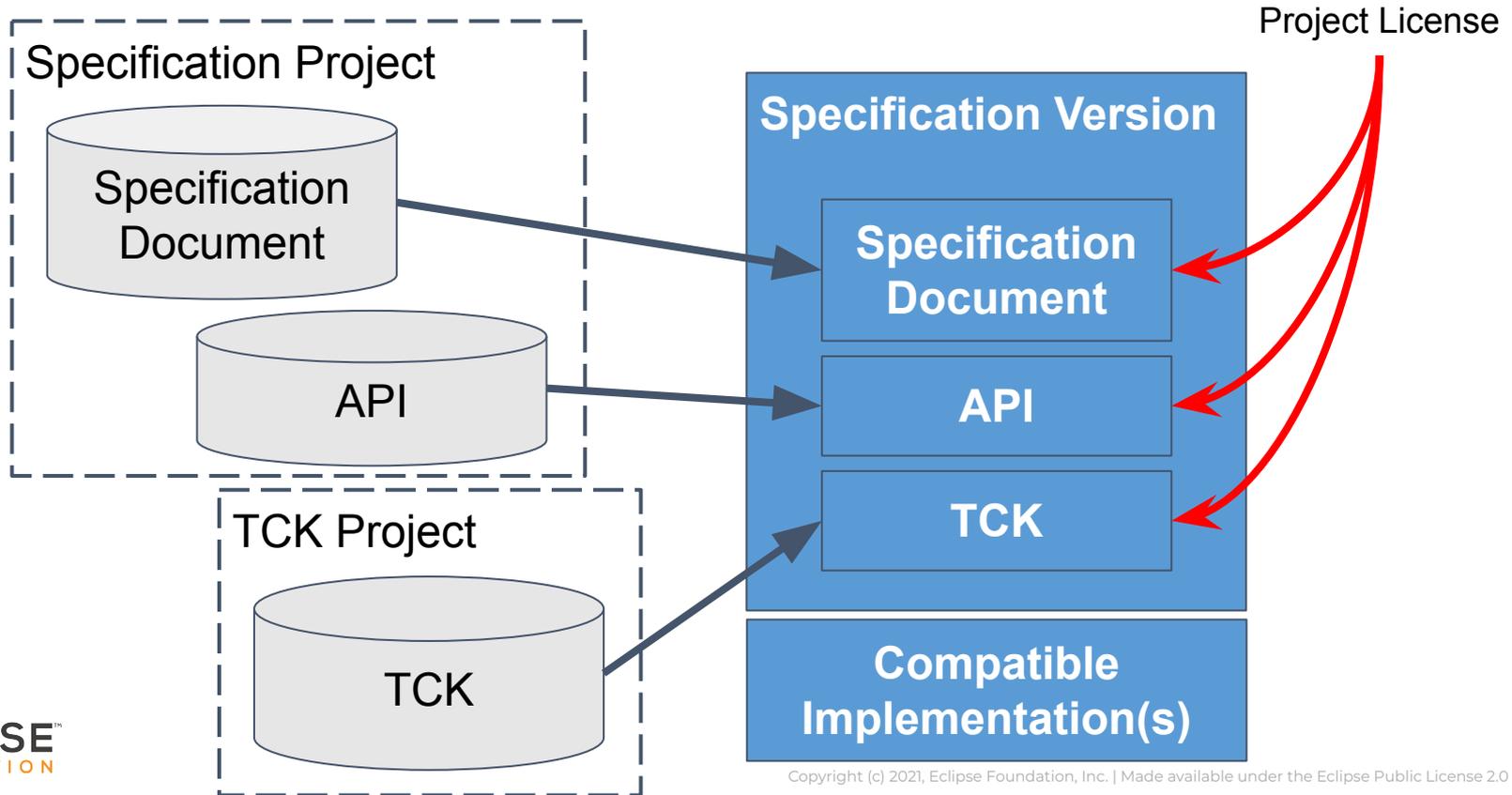
### **Branding and Compatibility**

Creating branding and compatibility programs to build a trusted ecosystem of implementers and consumers

# Relationship with Specification Projects

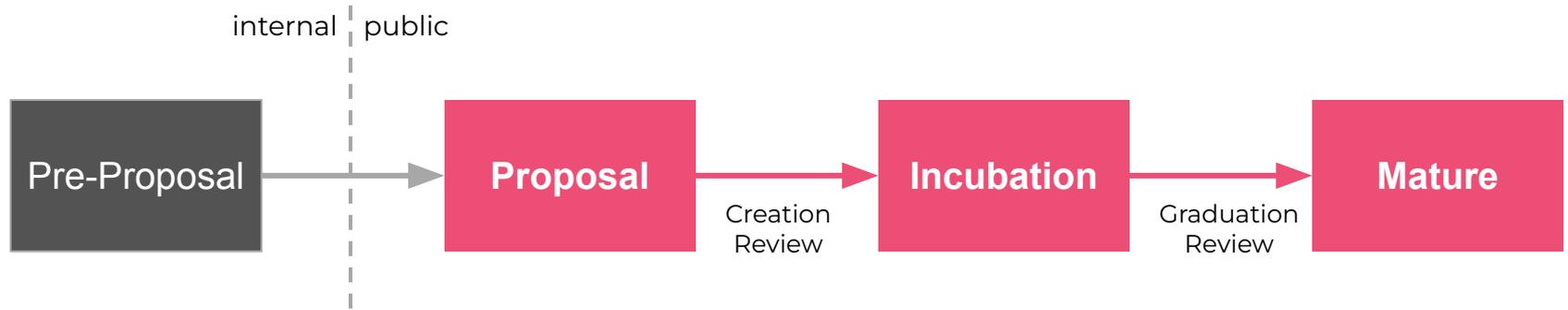
- > Working groups may choose to engage in specification development
  - Prior to the Working Group engaging in any specification work, the *Steering Committee* must vote to adopt a particular version of the EFSP or derivative
  - *Steering committee* must select default patent license
- > Specification Projects operate under the purview of exactly one Working Group
  - Specification Projects are automatically included in their Working Group's project set; Specification Project committers are automatically included in their Working Group's committers
- > Specification Committee is responsible for the operation of the specification process for those projects operating under the Working Group's purview

# Specifications and associated projects

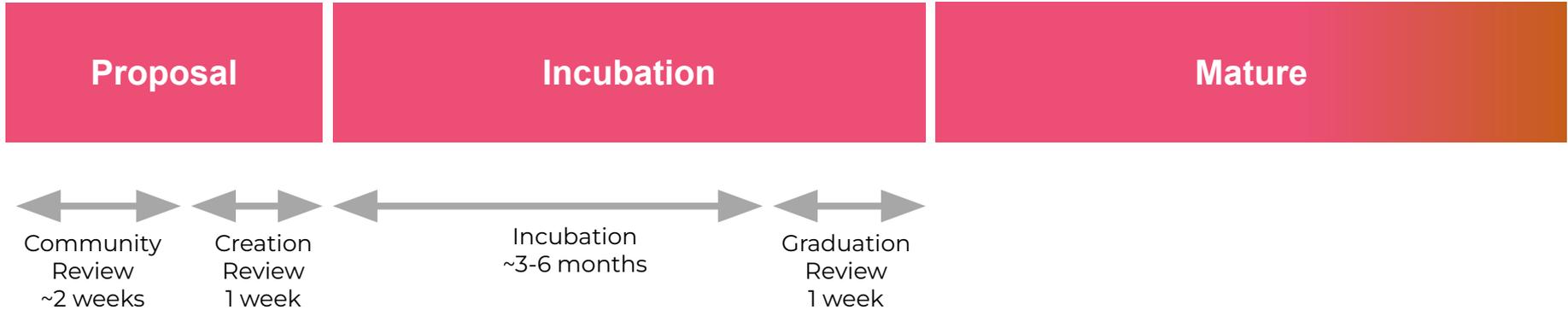


# The Project Onboarding Process

# Project Phases



# Eclipse Open Source Project Timeline



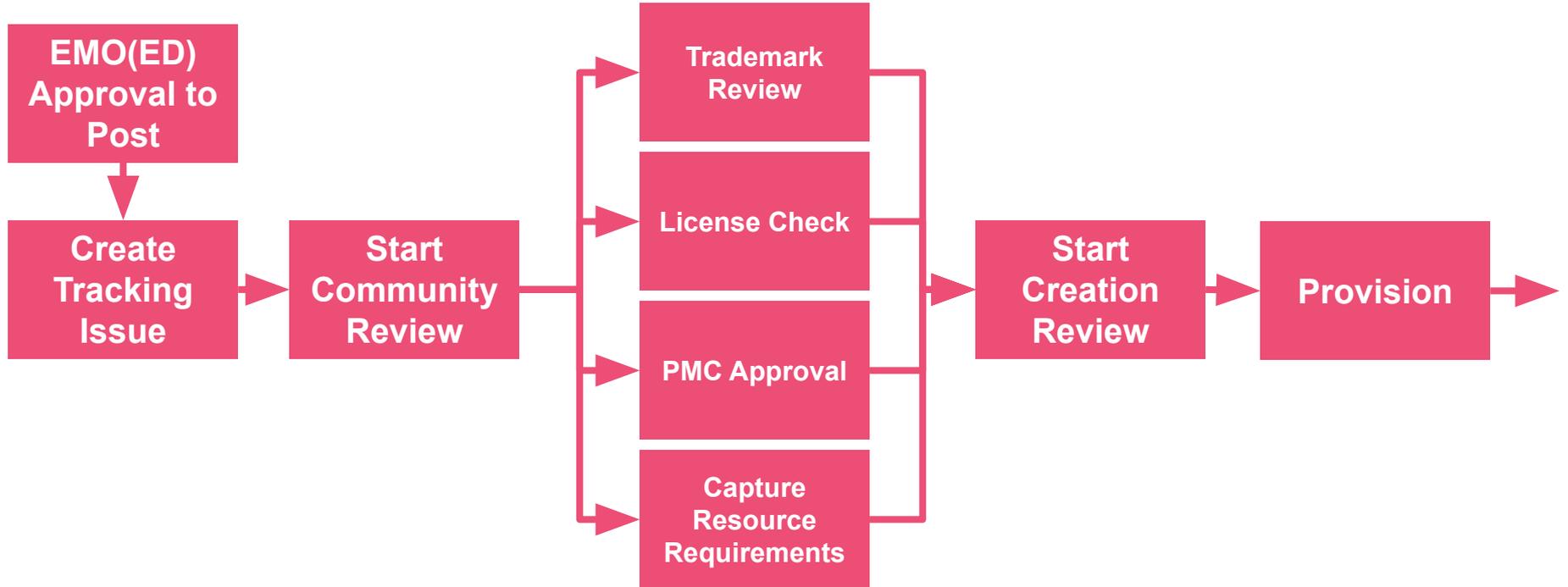
\*Not to scale

# The Proposal

- Name, Parent Project
- Background, Description, and Scope
- Project Leads, Committers, and Mentors
- License(s)
- Legal Issues
- Initial Contribution
- Resources

<https://projects.eclipse.org/node/add/project-proposal>

# Tracking the Proposal



<https://gitlab.eclipse.org/eclipsefdn/emo-team/emo/-/issues>

# What's Next



# Resources

- Eclipse Foundation Project Handbook
  - <https://www.eclipse.org/projects/handbook>
- Eclipse Foundation Committer Training
  - <https://www.eclipse.org/projects/training>
- “Incubation” Mailing List
  - <https://accounts.eclipse.org/mailling-list/incubation>
- Eclipse Management Organization (EMO)
  - [emo@eclipse-foundation.org](mailto:emo@eclipse-foundation.org)

# Logos, Trademarks and Websites for Projects



# Project Logos and Trademarks

## Logos and Branding

- Eclipse Foundation manages Working Group logo and brand development, while projects are responsible for their own logos
- Use your agency or any that focus on logo creation:
  - [99designs](#)
  - [designhill](#)
  - [designcrowd](#)
- Reimbursement to projects up to €500
- There has been discussion around creating Working Group brand elements that can be aligned with project logos. [Here's an example](#)

## Trademark Policy for Project Names and Logos:

- Any resulting trademark belongs to Eclipse Foundation
- Project name can't contain any 3rd party trademarks
- All logos, trademarks and domains to be transferred to the foundation via a [Trademark and Domain Name Assignment Agreement](#)

## Other Helpful Links:

- [Eclipse Foundation Trademark Usage Policy](#)
- [Eclipse Marketing Services](#)



# Project Websites

## Creating a Project Web Presence

- All projects have a [web presence](#) on Eclipse.org
- Content must be committed to a [git repo on Eclipse servers](#).
- If a project is willing to invest into something nicer, they have the option of building their own website.
  - Project websites are hosted under a service that is owned/managed by the Eclipse Foundation
  - Domains are owned/managed by the foundation. The foundation can help in securing URLs
  - Projects are provided with a git repo. However, the EF team does not typically get involved with project content or website creation/maintenance other than to provide guidance and answer questions.
- Keep it simple with the available [Hugo website boilerplate](#)
- Projects can use whatever technology they want as long as they adhere to the [Eclipse Foundation hosted Services Privacy and Acceptable Usage Policy](#) and the [Eclipse Foundation Trademark Usage Policy](#). However, EF support levels may vary if a different stack is used than the one we use.

## Other Helpful Links:

- [How to Build My Project's Website with Jenkins](#)
- [Open A Help Desk Ticket](#)

# SDV Working Group: Infrastructure and Collaboration

- SDV-WG Gitlab Group: <https://gitlab.eclipse.org/eclipse-wg/sdv-wg>
- Website for WG (Refreshed): <http://www.sdv.eclipse.org>
- SDV WG mailing list [[sdv-wg@eclipse.org](mailto:sdv-wg@eclipse.org)]
- Slack Workspace [[sdvworkinggroup.slack.com](https://sdvworkinggroup.slack.com)]
- Video conference (Zoom) account for WG meetings
- Twitter and Other Social Accounts - In Progress



**THANK YOU**

**ECLIPSE**  
FOUNDATION