



Paul Boyes

Community Director
COVESA

Understanding and Engaging in COVESA Expert Groups & Projects

Topics/Questions:

- How is COVESA organized?
- How to find out what is going on in COVESA?
- What do I need to be equipped with to work with COVESA?
- What contribution models does COVESA use and require?
- How do I launch a new (or expand an existing) activity within COVESA?
- Who can answer my questions regarding COVESA?

COVESA is Member Driven

All Teams, Groups,
Projects, and Work
Product are conceived
and launched by
members

All COVESA Teams,
Groups, and Projects
are led by members

All work product is
produced through
member collaboration
and contribution

Without members
COVESA does not exist

Bring your collaborative
ideas and needs

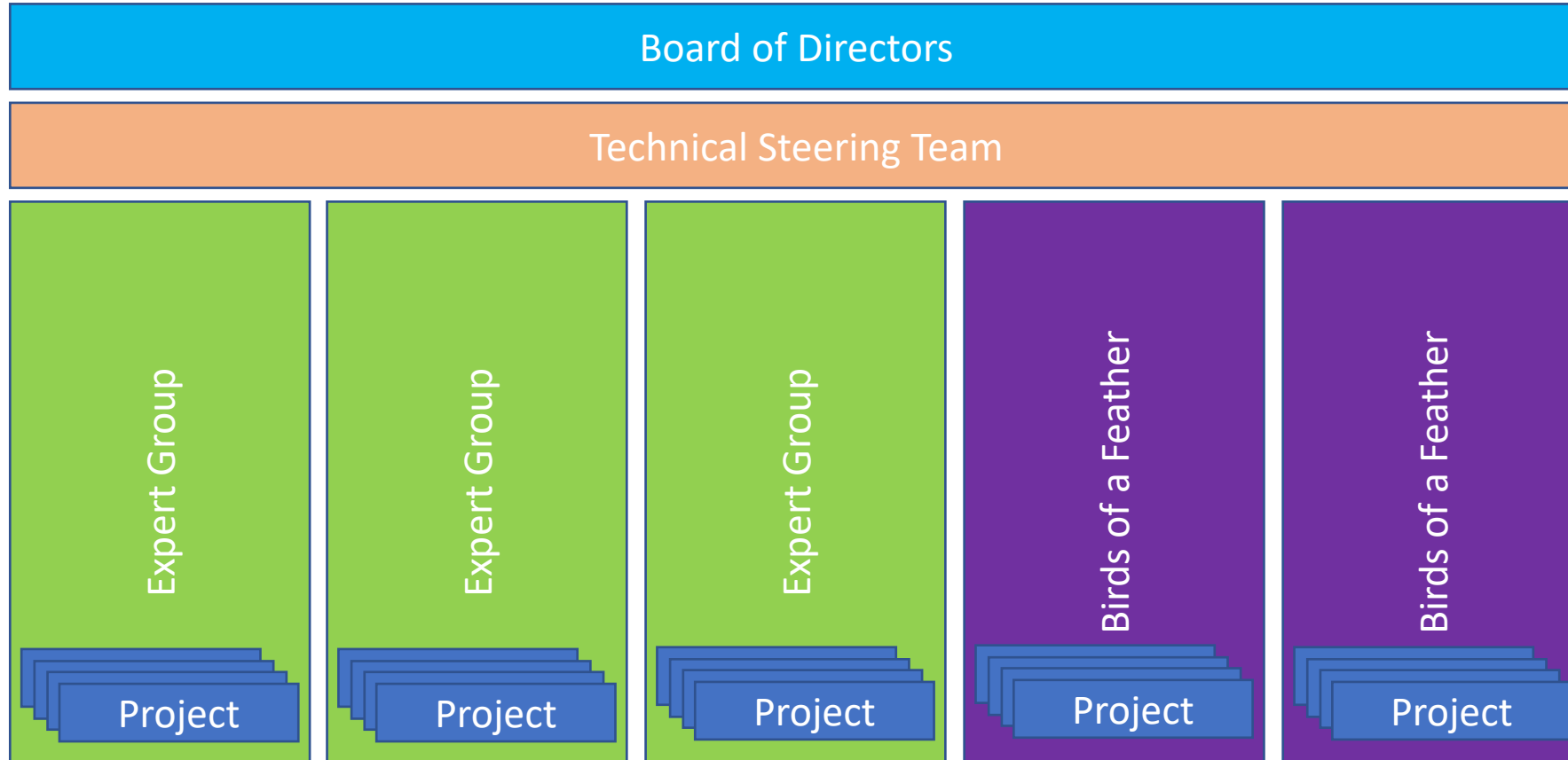
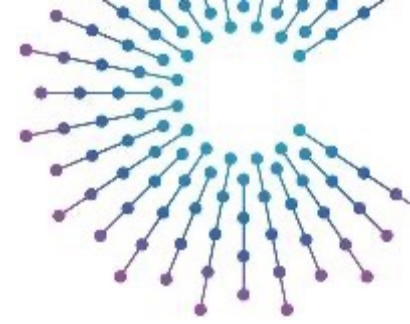
Keep COVESA thriving...
Please Engage



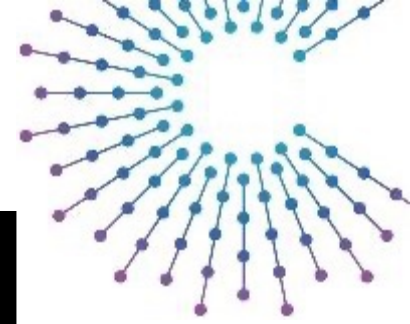
What would you like to know about COVESA?

How is COVESA organized?

Simple Organizational Overview

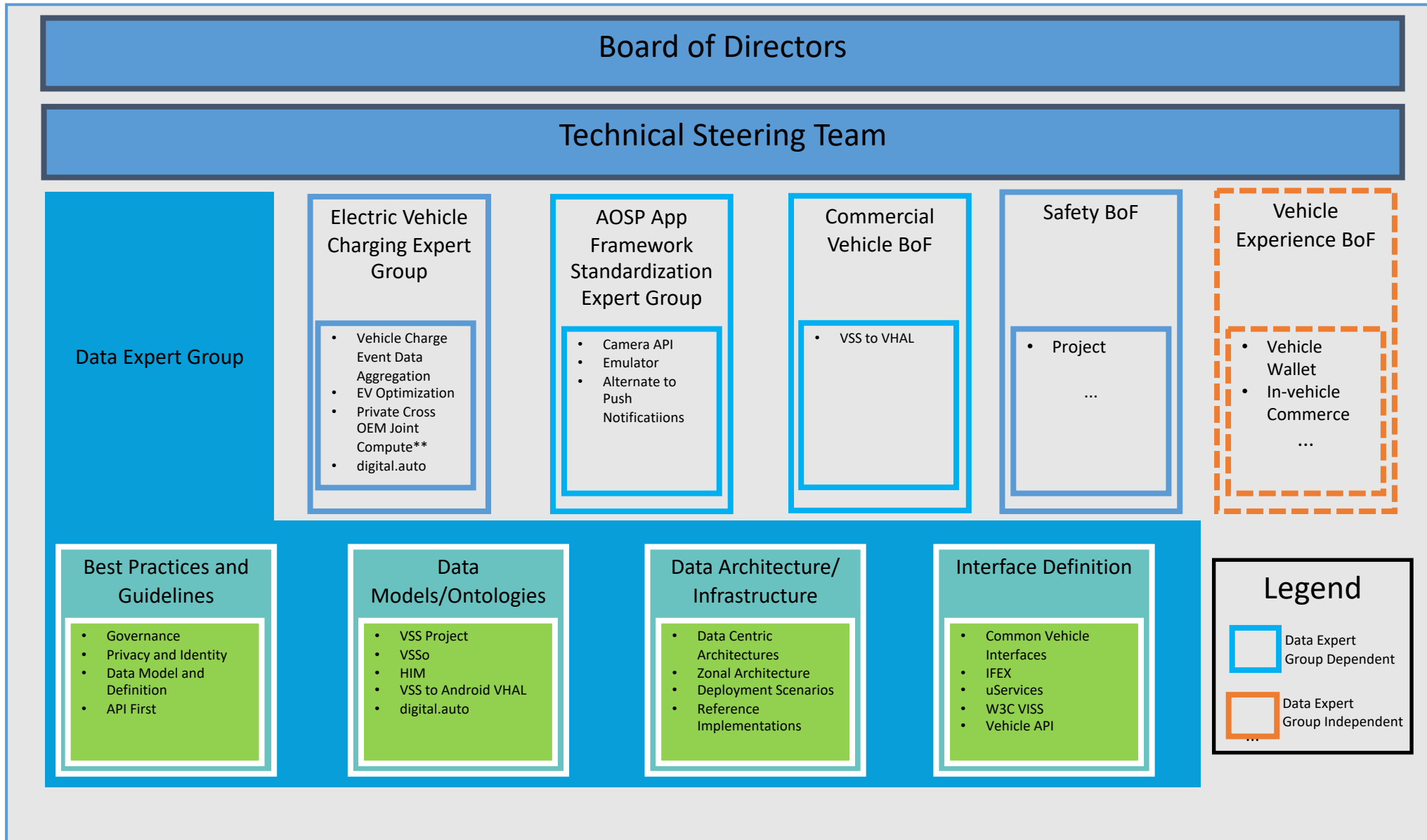


Organizational Groups



| Team/Group Name | Description | Requires Board Approval |
|-------------------------|--|-------------------------|
| Board of Directors | Executive governing body of COVESA | Yes |
| Technical Steering Team | Board designated Team providing technical guidance and governance across all Groups and Projects | Yes |
| Expert Group | A Board approved Group formed to advance a specific domain (e.g. EV Charging) through a Project or series of Projects | Yes |
| Project | Specific work done in the open associated with an EG, BoF, or Team resulting in work product | Yes and No |
| Birds of a Feather | Informal group with common interest in advancing a topic, typically formed around a proof-of-concept project, white paper, or similar work product | No |
| Special Interest Group | Another type of BoF, but phasing out in favor of launched projects or Expert Groups | Yes |

How is COVESA Organized?

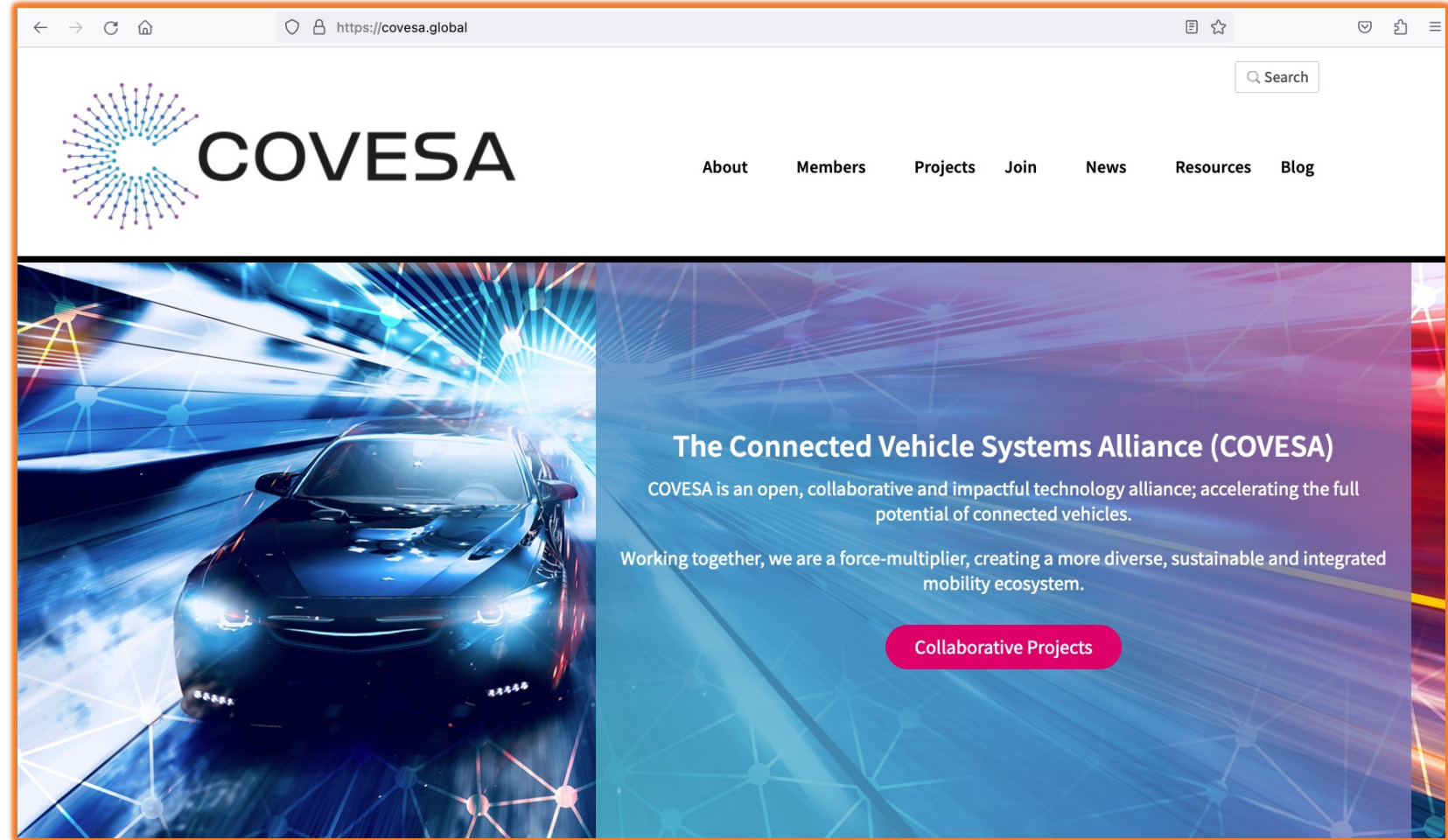


How do I find out what is going on in COVESA?

COVESA Website

<https://covesa.global>

- News and Events
- Current Members
- Projects
- How to join
- Blog

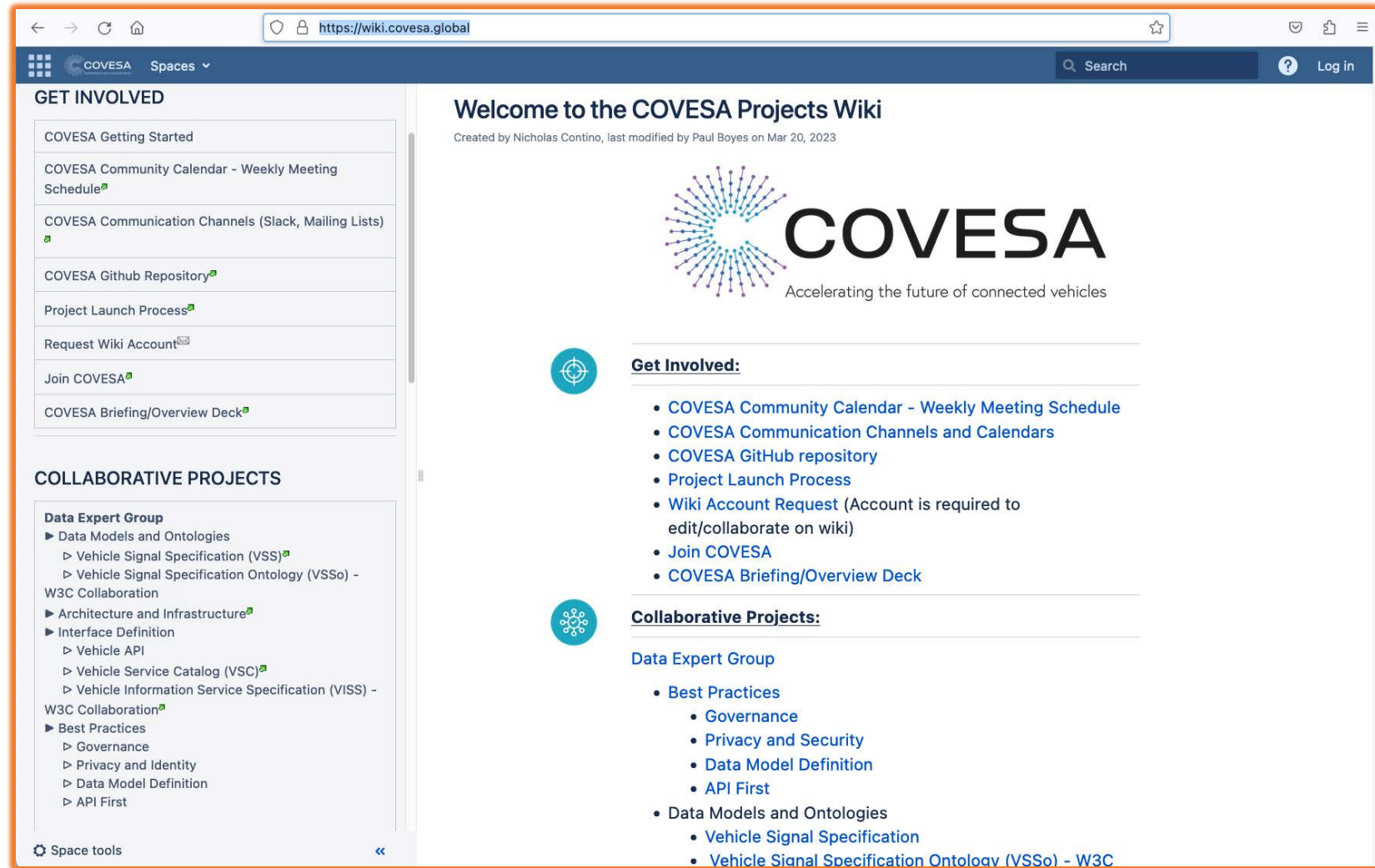


How do I find out what is going on in COVESA?

COVESA Wiki

<https://wiki.covesa.global>

- Getting Started
- Community Calendar
- Communication Channels
- Group/Collaborative Projects
- More...



The screenshot shows the COVESA Projects Wiki homepage. The browser address bar displays <https://wiki.covesa.global>. The page features a navigation bar with the COVESA logo and a search bar. The main content area is divided into two columns. The left column, titled 'GET INVOLVED', lists several links: 'COVESA Getting Started', 'COVESA Community Calendar - Weekly Meeting Schedule', 'COVESA Communication Channels (Slack, Mailing Lists)', 'COVESA Github Repository', 'Project Launch Process', 'Request Wiki Account', 'Join COVESA', and 'COVESA Briefing/Overview Deck'. Below this is a section for 'COLLABORATIVE PROJECTS' with a tree structure under 'Data Expert Group' including 'Data Models and Ontologies' (with sub-items 'Vehicle Signal Specification (VSS)' and 'Vehicle Signal Specification Ontology (VSSo) - W3C Collaboration'), 'Architecture and Infrastructure', 'Interface Definition' (with sub-items 'Vehicle API', 'Vehicle Service Catalog (VSC)', and 'Vehicle Information Service Specification (VISS) - W3C Collaboration'), and 'Best Practices' (with sub-items 'Governance', 'Privacy and Identity', 'Data Model Definition', and 'API First'). The right column, titled 'Welcome to the COVESA Projects Wiki', includes the COVESA logo and tagline 'Accelerating the future of connected vehicles'. It features two main sections: 'Get Involved:' with a list of links including 'COVESA Community Calendar - Weekly Meeting Schedule', 'COVESA Communication Channels and Calendars', 'COVESA GitHub repository', 'Project Launch Process', 'Wiki Account Request (Account is required to edit/collaborate on wiki)', 'Join COVESA', and 'COVESA Briefing/Overview Deck'; and 'Collaborative Projects:' with a list of links including 'Data Expert Group', 'Best Practices' (with sub-items 'Governance', 'Privacy and Security', 'Data Model Definition', and 'API First'), and 'Data Models and Ontologies' (with sub-items 'Vehicle Signal Specification' and 'Vehicle Signal Specification Ontology (VSSo) - W3C').

How do I find out what is going on in COVESA?

Community Calendar

- Weekly Open Meetings
- Spotlight Series
- Quarterly Introduction to VSS
- Quarterly Workshops

The screenshot displays the COVESA Community Calendar interface. On the left, a sidebar titled 'GET INVOLVED' lists various resources, with 'COVESA Community Calendar - Weekly Meeting Schedule' highlighted. Below this, 'COLLABORATIVE PROJECTS' lists the 'Data Expert Group' and its sub-projects. The main content area shows a calendar for April 2023. A modal window is open over the calendar, providing details for the 'Vehicle Signal Specification (VSS) Weekly' meeting. The modal includes the meeting's schedule (Tuesdays, 7am-8am), a description of the meeting's purpose, and links to related GitHub repositories. The calendar grid shows other meetings such as 'Vehicle Service Catalog' and 'Data Expert Group' sessions.

How do I find out what is going on in COVESA?

Communication Channels

- Slack
- Google Groups/Mailing Lists
- LinkedIn
- Twitter

The screenshot shows a web browser displaying the COVESA Wiki page. The page is titled "Communication Channels" and contains a table with the following data:

| Expert Group/Project | Slack Workspace | Slack Channel | Google Group/Mailing List |
|------------------------------|---|---|---|
| Data Expert Group | covesacommunity.slack.com | https://covesacommunity.slack.com/archives/C03V2HRC8HM | https://groups.google.com/a/covesa.global/g/data-expert-group |
| Vehicle Signal Specification | w3cauto.slack.com | https://w3cauto.slack.com/archives/C010RLL4G23 | https://groups.google.com/a/covesa.global/g/data-expert-group |
| Vehicle Service Catalog | w3cauto.slack.com | https://w3cauto.slack.com/archives/C010XGB199V | https://groups.google.com/a/covesa.global/g/data-expert-group |
| Android Automotive | covesacommunity.slack.com | https://covesacommunity.slack.com/archives/C04437N0D6V | https://groups.google.com/a/covesa.global/g/aa-9 |
| EV Charging Expert Group | covesacommunity.slack.com | https://covesacommunity.slack.com/archives/C03U5LCExDK | https://groups.google.com/a/covesa.global/g/ev-charging-expert-group |

Below the table, there are links for LinkedIn and Twitter:

LinkedIn
Follow COVESA on LinkedIn - <https://www.linkedin.com/company/covesa-alliance/>

Twitter
Follow COVESA on Twitter - <https://twitter.com/COVESAGlobal>

The left sidebar of the wiki page contains a "GET INVOLVED" section with a red box around "COVESA Communication Channels (Slack, Mailing Lists)". Below it is a "COLLABORATIVE PROJECTS" section with a tree structure of sub-projects.

How do I find out what is going on in COVESA?

Previous AMM Material

- Presentations
- Videos

The screenshot shows a web browser displaying the COVESA Projects Wiki page for the "COVESA All Member Meeting ~ October 18-20, 2022". The page is titled "COVESA All Member Meeting ~ October 18-20, 2022" and was created by Karin Hanson, last modified by Sai Bharadwaj on Dec 30, 2022. The date is Tuesday, October 18, 2022.

The main content is a table of sessions for Tuesday, October 18, 2022:

| Time | Session Title | PPT Slides links | Speakers/Company |
|------|--|---|---|
| 1:00 | COVESA Welcome | 18Oct_0100_WelcomeCrumb.pptx | Steve Crumb, Executive Director, COVESA |
| 1:15 | COVESA Member Keynote | 2022 10 18_MemberKeynote_Jones.pptx | Matt Jones, President, COVESA |
| 1:45 | Understanding & Engaging in COVESA Expert Groups & Projects | Day_1_PJB_145 COVESA Understanding and Engaging in COVESA AMM 202210.pptx | Paul Boyes, Community Director, COVESA |
| 2:30 | Introduction to Vehicle Signal Specification (VSS) | Day_1_AB_230 COVESA Intro to VSS_AMM202204 Final.pptx | Adnan Bekan, BMW Group |
| 2:30 | Cybersecurity Process Management | | Joby Jester, Capgemini Engineering |
| 3:00 | When User Experience Meets Privacy: The Legal and Practical Implications of Competing Data-related Customer Needs. | | Jennifer Dukarski, Butzel Long |
| 3:45 | Introduction to Vehicle Services Catalog (VSC) | Day1_Erik_1545_Introduction_to_VSC.pptx | Erik Jaegervall, Robert Bosch GmbH |
| 3:45 | In-cabin Choreography: | 2022 Covesa Dearborn Day 1-1545 | Dan Cashen, Smart |

The sidebar on the left includes a "HISTORICAL" section with links to "Common Vehicle Interface Initiative", "Cloud & Connected Services Project", and "SDV Telemetry Project - On Hold". It also has "Events" sections for "Industry Events" (with "Industry Events 2023") and "COVESA Events" (with a list of past meetings, including "October 2022 All Member Meeting" which is highlighted with a red box). There is also a "Contact Us" link and "CHILD PAGES" section with a link to "Welcome to the COVESA Projects Wiki".

Attend AMM Sessions: There is a lot going on...

- **AOSP App Framework Standardization**
 - **Alternative to Push Notifications**
- **Data Expert Group**
 - **Common Vehicle Interfaces**
 - **From Concept to Reality: How Data-Centric Vehicle APIs Shape Software-Defined Vehicle**
 - **The Hierarchical Information Model (HIM) and an Interface Using It**
 - **uServices – A Step towards a standardized vehicle Interfaces for SDV**
 - **DDS and Data-Centric Communications**
 - **Data Modeling**
 - **Introduction to Vehicle Signal Specification**
 - **Integrate VSS with Automotive Systems: Aligning Data Collection with Business Requirements**
 - **VSS Evolvement**
 - **Architecture**
 - **VSS-based Data Middleware Tiered Sync - Proof of Concept**
 - **Discussion of community led Central Data Service reference playground**
- **EV Charging**
 - **VSS360° View of EV Alliances and Initiatives in the Public Charging World: Why VSS and Common Data Models Matter**
 - **EV Power Optimization Walkthrough**
 - **Cross OEM Private Compute**
- **Commercial Vehicles**
 - **Range anxiety mitigation through fleet level energy prediction**
 - **Building COVESA Guidelines into the Eclipse Fleet Management Blueprint**
 - **In-vehicle Consent Management & Services at Scale**
- **Safety BoF Launch**
 - **Scenario Creation**
- **Vehicle Experience Explore**
 - **All Collaboration Workshop**

How do I find out what is going on in COVESA?

AMM Sessions

- News->Events->Register
 - <https://www.eventleaf.com/e/COVESAAMM23US>
- Event Guide App at bottom of the Registration page

GET GUIDE APP



ATTENDEE PASSES AGENDA SPEAKERS SHOWCASE SPONSORS HOTEL MORE INFO

COVESA All Member Meeting 2023

[REGISTER](#)

| | |
|---------------------|--|
| 10:45 AM - 11:30 AM | <ul style="list-style-type: none">360° View of EV Alliances and Initiatives in the Public Charging World: Why VSS and Common Data Models Matter Technical Session |
| 11:00 AM - 11:30 AM | <ul style="list-style-type: none">How COVESA APIs are Accelerating Service Development in Commercial Vehicles and Off-Road Thought Leadership |
| 11:30 AM - 12:15 PM | <ul style="list-style-type: none">Sensors, Signals, and Safety: Leveraging Vehicle Connectivity to Reduce Roadway Risk Panel Discussion Business Session Panel SessionuServices - A Step towards a standardized vehicle Interfaces for SDV Technical Session |
| 12:00 PM - 12:15 PM | <ul style="list-style-type: none">Seeing Around the Corner: SDV in the year 2040 Thought Leadership |

Applications

What do I need to be equipped with to work with COVESA?

Wiki Account - For Editing

- <https://wiki.covesa.global>
- Request one to help@covesa.global

Note: Everyone can view wiki without account

GitHub Account - For Contributing

- <https://github.com/COVESA>
- <https://github.com/signup>

Note: Everyone can view GitHub repos without account

Appropriate IP Agreement

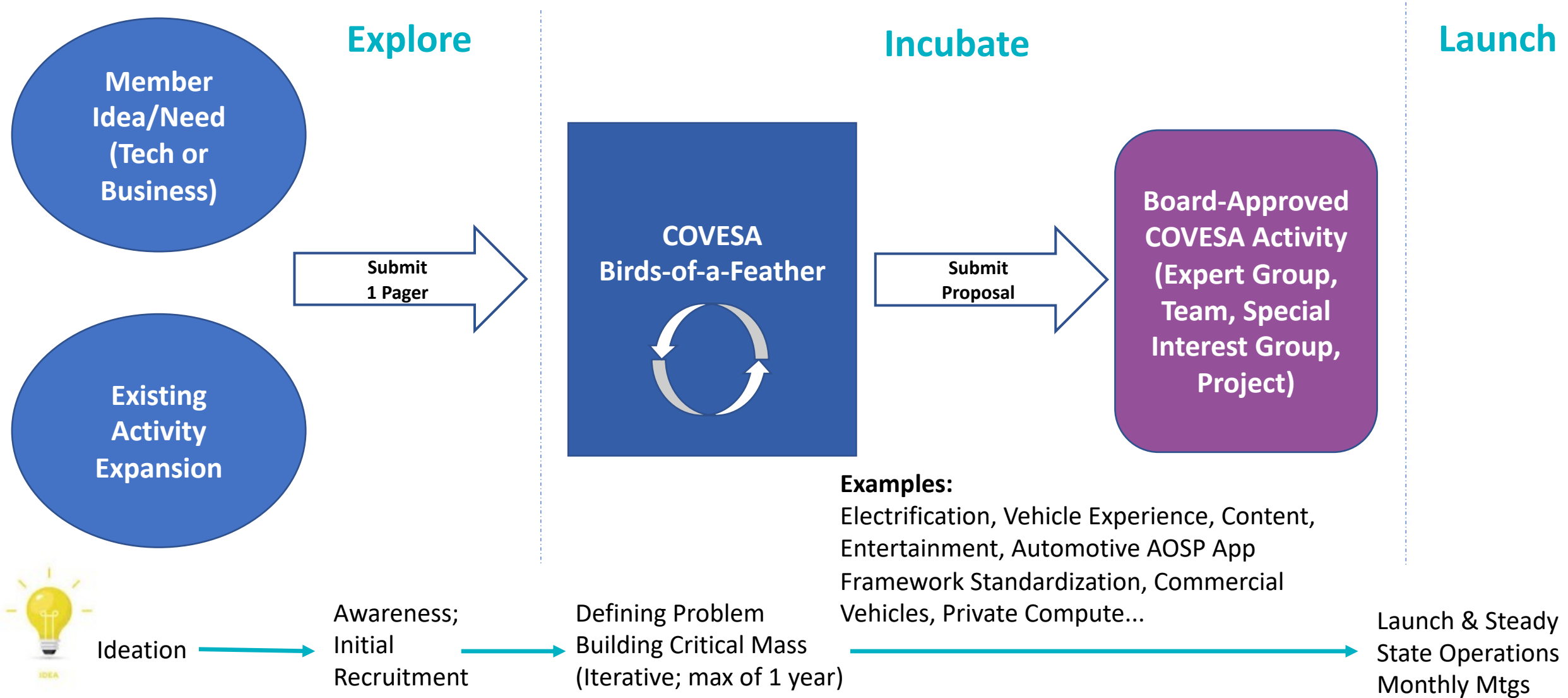
- <https://www.covesa.global/contribute>
- Contribution License Agreement
- Developer Certificate of Origin
- Antitrust Guidelines

Communication Channel Access

- Slack Account
- Google Account
- See <https://wiki.covesa.global/display/WIK4/COVESA+Communication+Channels+and+Calendars>

How do I launch a new activity in COVESA?

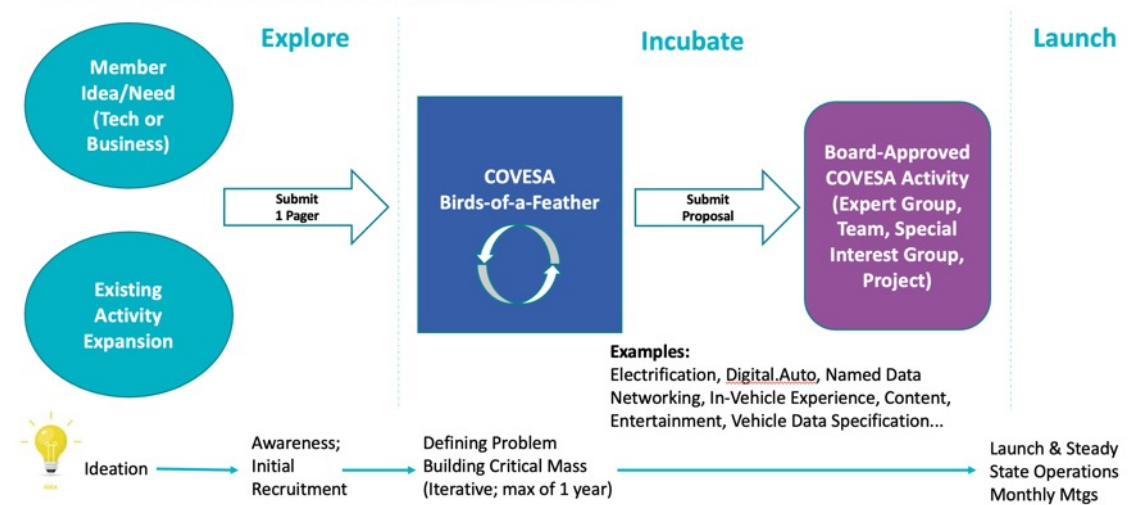
How do I launch a new activity in COVESA?



How do I launch a new activity?

- Member has a new idea or need (tech or business) or wants to expand an existing Project.
- Member summarizes idea in a summary "1 pager" and submits it to [COVESA Community Director](#).
 - What it is and its value to the community
 - Why it matters
- Member and Community Director present to and recruit community for participation and collaboration.
 - Non-members may be invited to the Project presentation as it makes sense
- Project Lead, community and Community Director collaborate to write a charter
 - Further defines value to the community
 - Scope
 - Deliverables
 - Timeline
- Project Lead, community and Community Director establish regular meeting cadence to progress the Project.

Process for Future Engagements



For details and examples go to <https://wiki.covesa.global/display/WIK4/Member+Project+Launch+Process>

Recent Examples:

Group

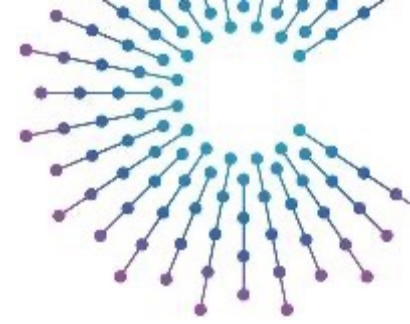
[Commercial Vehicle Birds of a Feather](#)

[AOSP App Framework Standardization Expert Group](#)

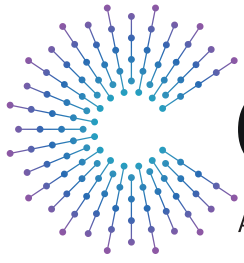
[Safety Birds of a Feather](#) (Launching)

Who answers my questions in COVESA?

Who answers my questions in COVESA?



- Expert Group or Project Related
 - Expert Group Chair
 - Project Lead
 - Community Director - Paul Boyes - paul.boyes@covesa.global
- General COVESA
 - Executive Director - Steve Crumb - scrumb@covesa.global
 - Community Director - Paul Boyes - paul.boyes@covesa.global
- Wiki Access
 - help@covesa.global
- If All Else Fails
 - help@covesa.global



COVESA

Accelerating the future of connected vehicles

