



Paul Boyes  
*COVESA Community Director*

## 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

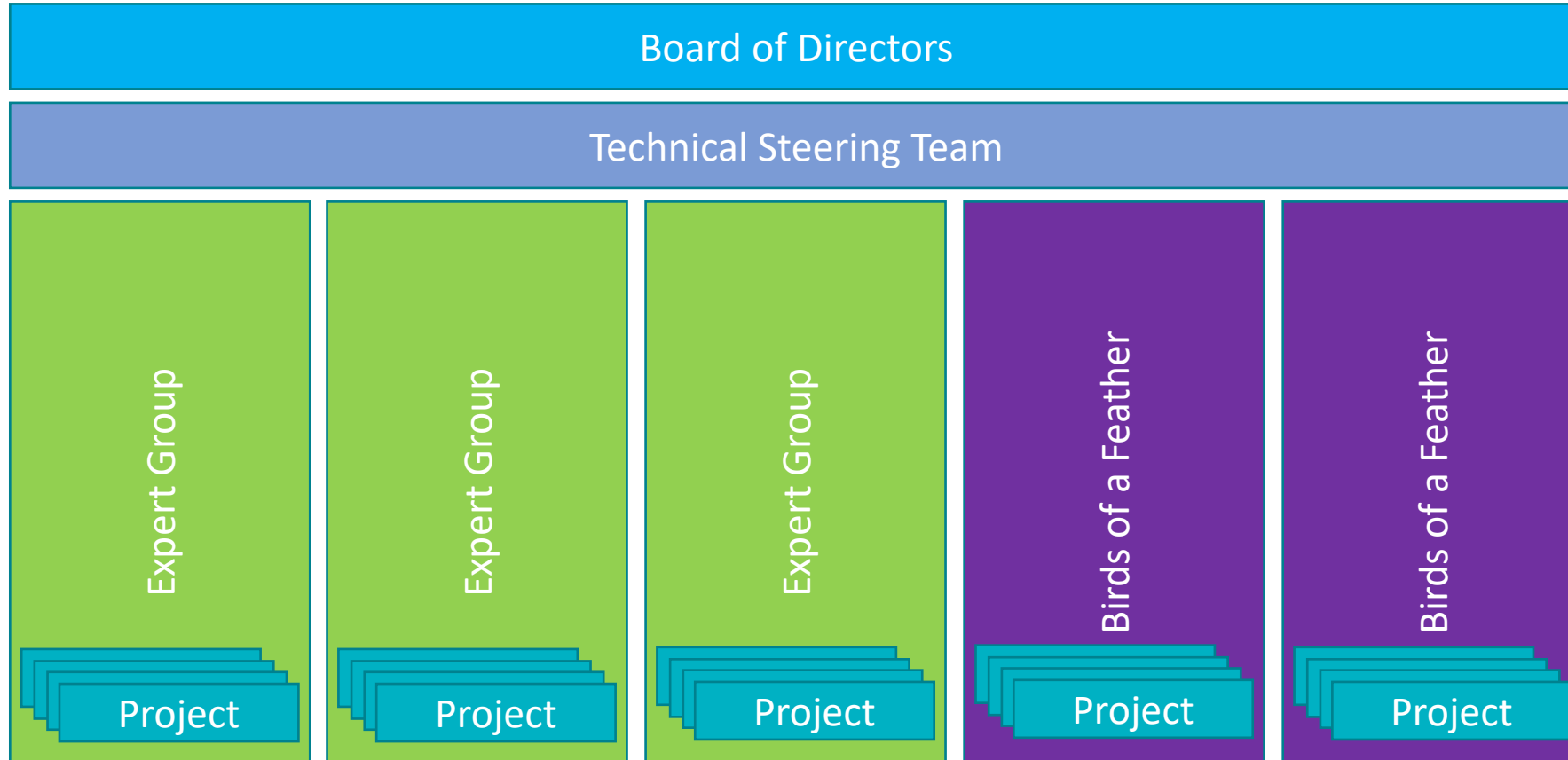
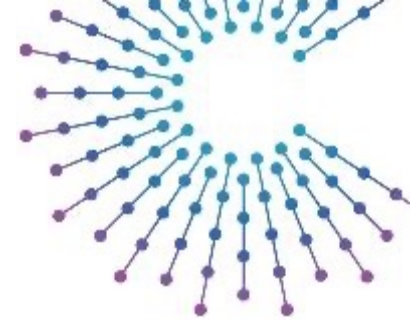
Bring your collaborative  
ideas and needs

Keep COVESA thriving...  
Please Engage

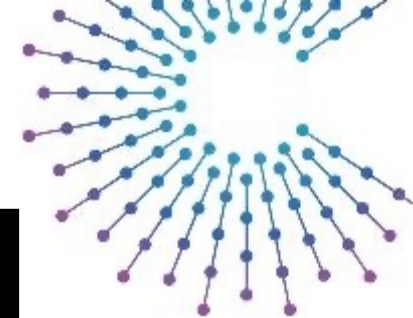
# What would you like to know about COVESA?

# How is COVESA organized?

# Simple Organizational Overview

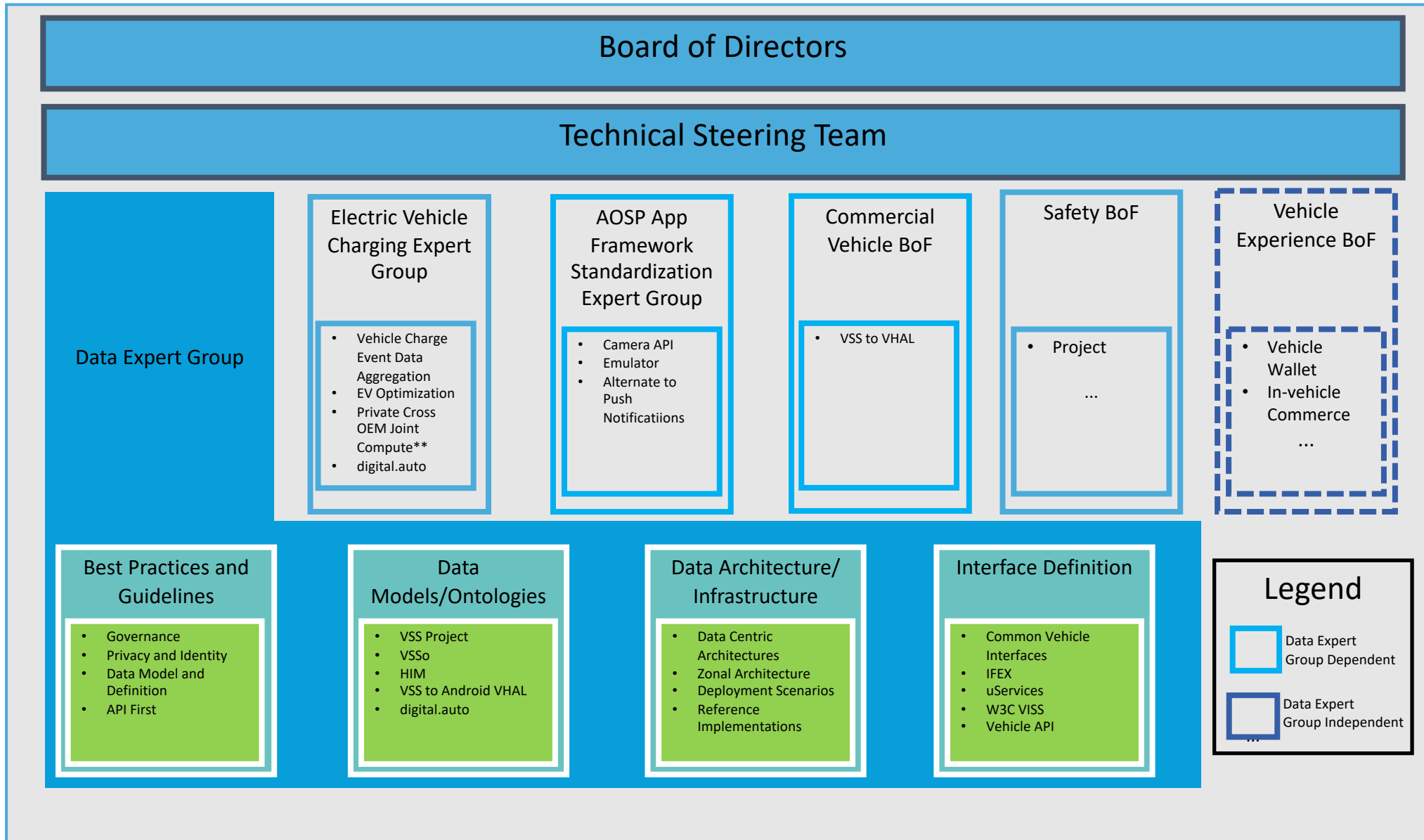


# Organizational Groups



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?





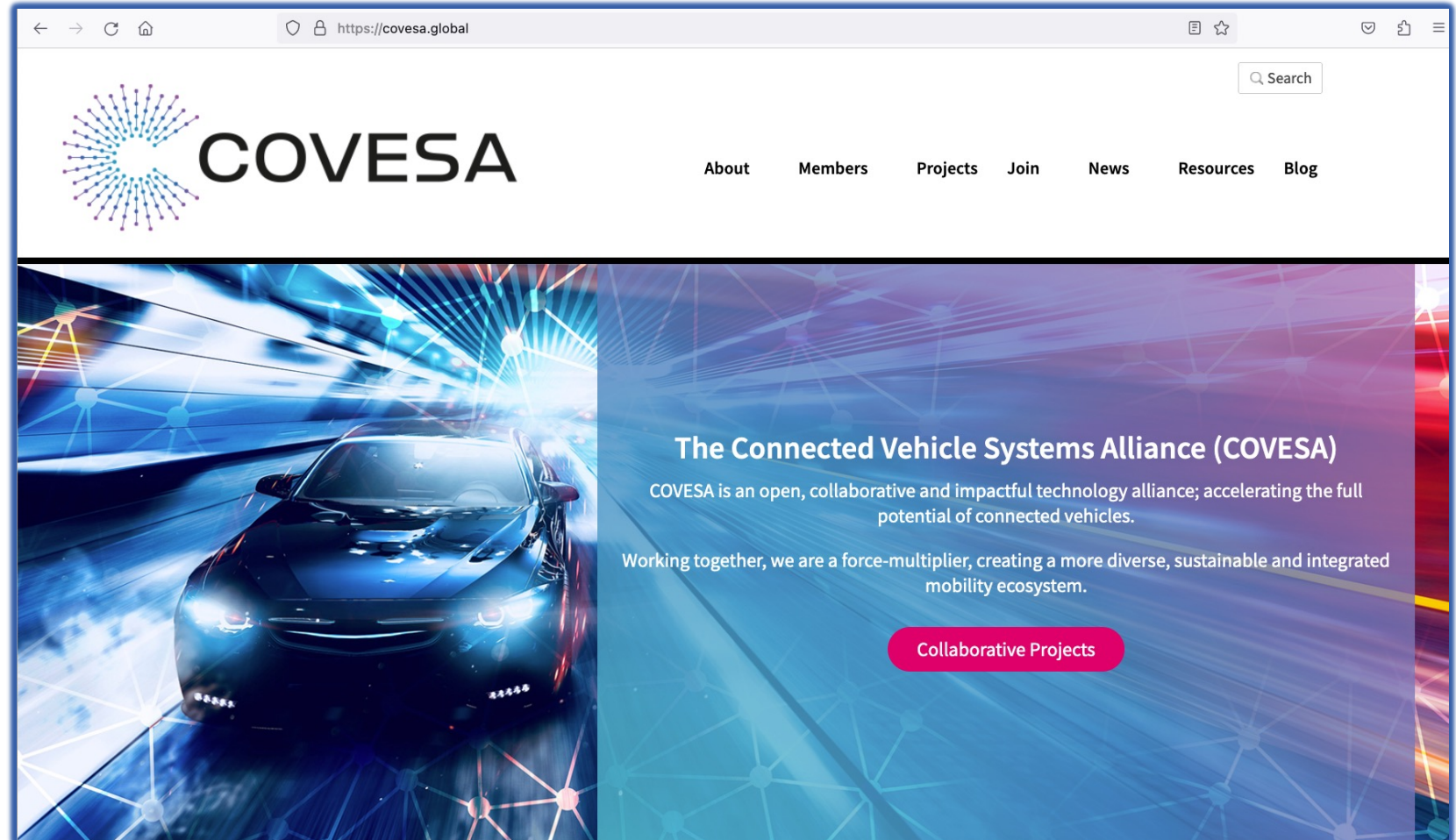
# How do I find out what is going on in COVESA?

## 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...

GET INVOLVED

- 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
- COVESA Briefing/Overview Deck

COLLABORATIVE PROJECTS

**Data Expert Group**

- ▶ Data Models and Ontologies
  - ▷ Vehicle Signal Specification (VSS)
  - ▷ Vehicle Signal Specification Ontology (VSSo) - W3C Collaboration
- ▶ Architecture and Infrastructure
- ▶ Interface Definition
  - ▷ Vehicle API
  - ▷ Vehicle Service Catalog (VSC)
  - ▷ Vehicle Information Service Specification (VISS) - W3C Collaboration
- ▶ Best Practices
  - ▷ Governance
  - ▷ Privacy and Identity
  - ▷ Data Model Definition
  - ▷ API First

**Welcome to the COVESA Projects Wiki**

Created by Nicholas Contino, last modified by Paul Boyes on Mar 20, 2023

**Get Involved:**

- [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](#)
- [COVESA Briefing/Overview Deck](#)

**Collaborative Projects:**

**Data Expert Group**

- **Best Practices**
  - [Governance](#)
  - [Privacy and Security](#)
  - [Data Model Definition](#)
  - [API First](#)
- **Data Models and Ontologies**
  - [Vehicle Signal Specification](#)
  - [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 it, 'COLLABORATIVE PROJECTS' lists the 'Data Expert Group' and its sub-projects, including 'Vehicle Signal Specification (VSS)'. 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 meeting is held on Tuesdays from 7am to 8am. The description states it is a regular meeting to discuss pull requests and issues, with links to GitHub repositories for vehicle signal specification and VSS tools. A typical agenda is also provided, along with links for more details and to copy the meeting to the user's calendar.

Day	Event	Time
Sun 26	10am Vehicle Service Catalog	
Mon 27	6:30am VSSo	
Tue 28	7am Vehicle Signal Specification	
Wed 29	7am EV Power Optimization Pi	
Thu 30	7am Weekly Data Expert Group	
Fri	8am COVESA EV Charging Eve	

**Vehicle Signal Specification (VSS) Weekly**

**When** Tue, April 4, 7am – 8am

**Description** Topic: VSS – COVESA

This is the regular meeting to discuss Pull Requests and Issues regarding:

- [https://github.com/COVESA/vehicle\\_signal\\_specification](https://github.com/COVESA/vehicle_signal_specification)
- <https://github.com/COVESA/vss-tools>

**Typical Agenda**

[more details»](#) [copy to my calendar»](#)

# 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 for 'Communication Channels'. The page is divided into several sections:

- GET INVOLVED**: A list of links including 'COVESA Getting Started', 'COVESA Community Calendar - Weekly Meeting Schedule', 'COVESA Communication Channels (Slack, Mailing Lists)' (highlighted with a red box), 'COVESA Github Repository', 'Project Launch Process', 'Request Wiki Account', 'Join COVESA', and 'COVESA Briefing/Overview Deck'.
- COLLABORATIVE PROJECTS**: A list of project categories such as 'Data Expert Group', 'W3C Collaboration', 'Architecture and Infrastructure', 'Interface Definition', 'Best Practices', and 'Governance', each with sub-links.
- Communication Channels Table**: A table with four columns: 'Expert Group/Project', 'Slack Workspace', 'Slack Channel', and 'Google Group/Mailing List'. It lists various groups like 'Data Expert Group', 'Vehicle Signal Specification', 'Vehicle Service Catalog', 'Android Automotive', and 'EV Charging Expert Group' with their respective Slack and Google Group links.
- LinkedIn**: A section with the text 'Follow COVESA on LinkedIn - <https://www.linkedin.com/company/covesa-alliance/>'.
- Twitter**: A section with the text 'Follow COVESA on Twitter - <https://twitter.com/COVESAGlobal>'.

At the bottom right of the page, it says 'No labels'.

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

## Previous AMM Material

- Presentations
- Videos

Pages / Welcome to the COVESA Projects Wiki

### COVESA All Member Meeting ~ October 18-20, 2022

Created by Karin Hanson, last modified by Sai Bharadwaj on Dec 30, 2022

Tuesday, October 18, 2022

Time	Session Title	PPT Slides links	Speakers/Company
1:00	COVESA Welcome	<a href="#">18Oct_0100_WelcomeCrumb.pptx</a>	Steve Crumb, Executive Director, COVESA
1:15	COVESA Member Keynote	<a href="#">2022 10 18_MemberKeynote_Jones.pptx</a>	Matt Jones, President, COVESA
1:45	Understanding & Engaging in COVESA Expert Groups & Projects	<a href="#">Day_1_PJB_145 COVESA Understanding and Engaging in COVESA AMM 202210.pptx</a>	Paul Boyes, Community Director, COVESA
2:30	Introduction to Vehicle Signal Specification (VSS)	<a href="#">Day_1_AB_230 COVESA Intro to VSS_AMM202204 Final.pptx</a>	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)	<a href="#">Day1_Erik_1545_Introduction_to_VSC.pptx</a>	Erik Jaegervall, Robert Bosch GmbH
3:45	In-cabin Choreography:	<a href="#">2022 Covesa Dearborn Day 1-1545</a>	Dan Cashen, Smart



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

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

Applications



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

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## Wiki Account - For Editing

- <https://wiki.covesa.global>
- Request one to [help@covesa.global](mailto: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

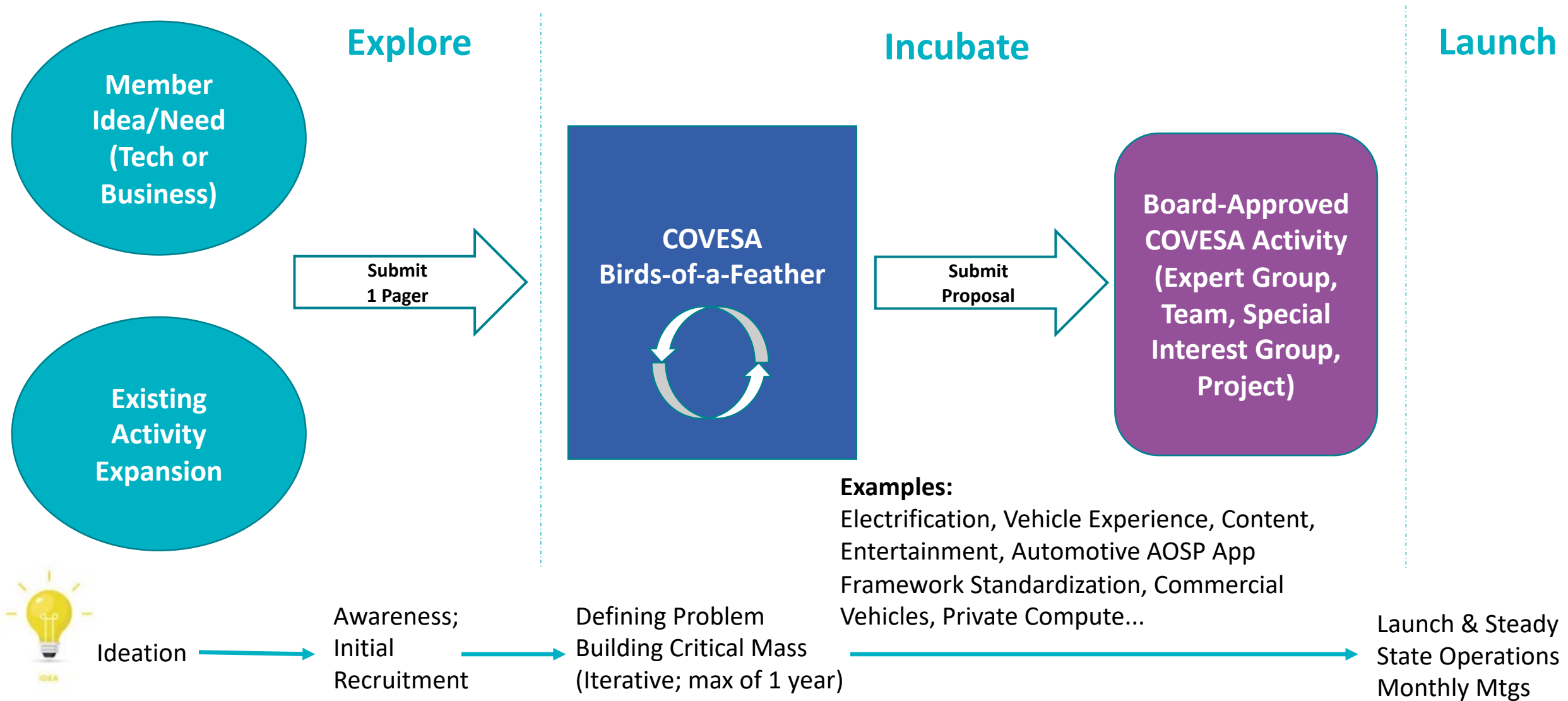
- <https://www.covesa.global/contribute>
- Contribution License Agreement
- Developer Certificate of Origin
- Antitrust Guidelines

## 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?

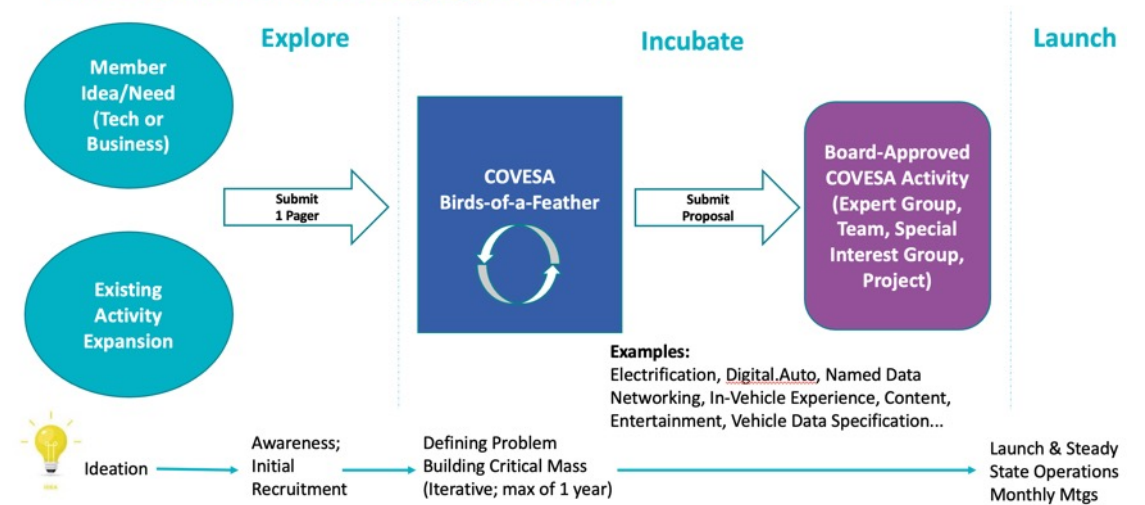
# How do I launch a new activity in COVESA?



# 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

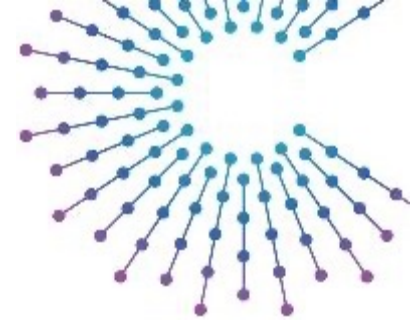
[Commercial Vehicle Birds of a Feather](#)

[AOSP App Framework Standardization Expert Group](#)

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

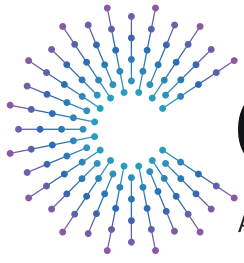
# Who answers my questions in COVESA?

# Who answers my questions in COVESA?



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





# COVESA

Accelerating the future of connected vehicles

