



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

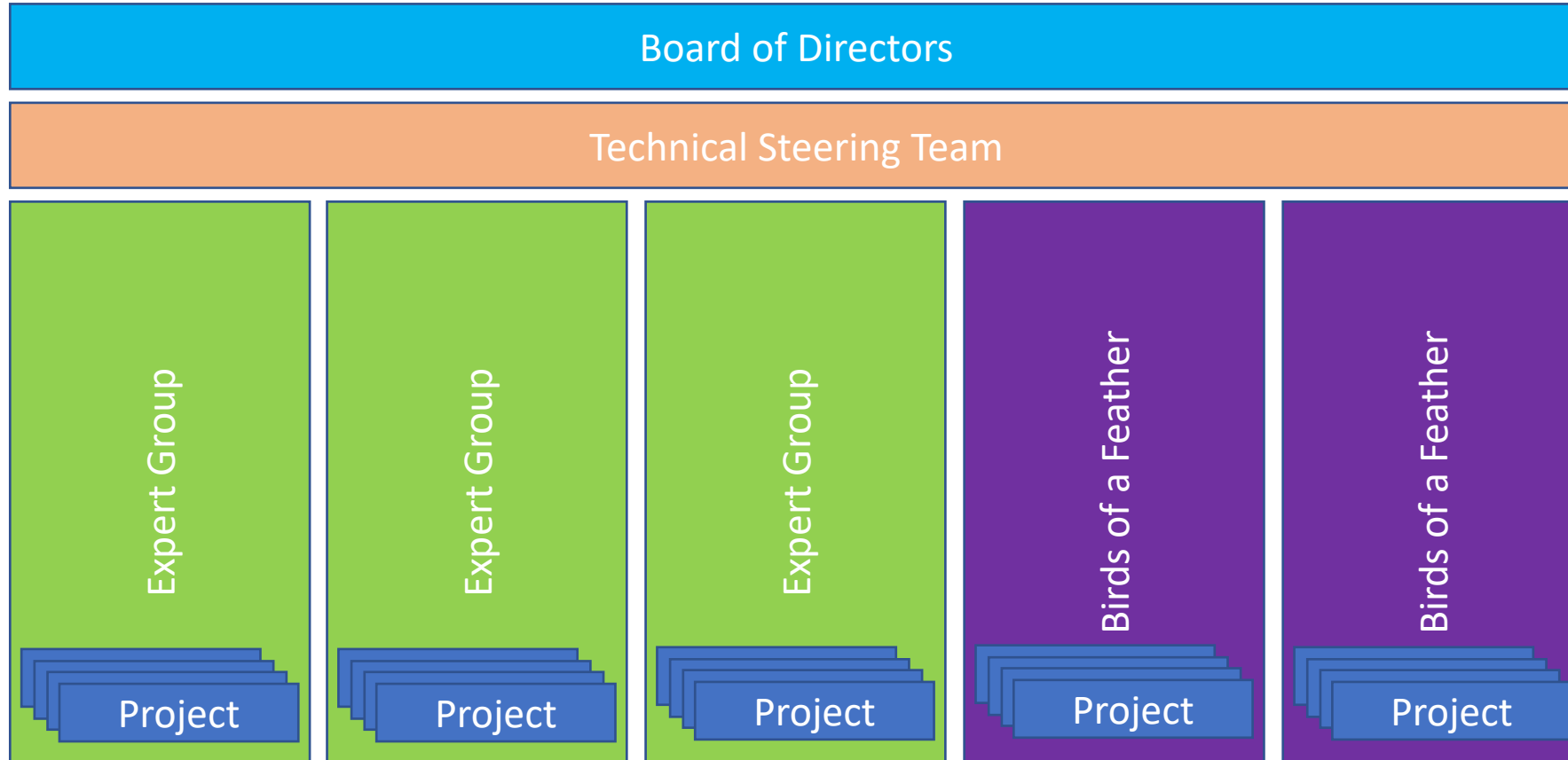
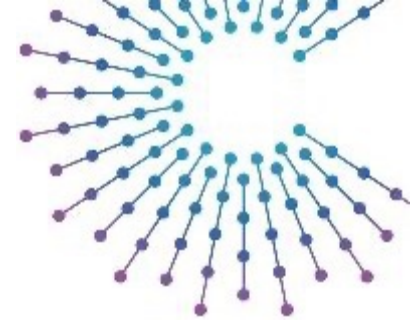
Keep COVESA thriving...  
Please Engage



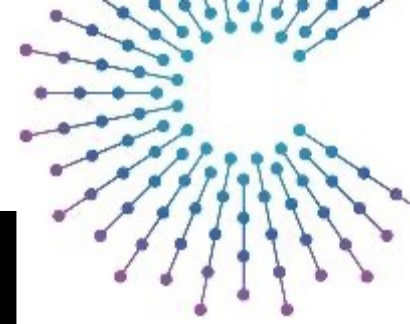
What would you like to know about COVESA?

# How is COVESA organized?

# Simple Organizational Overview

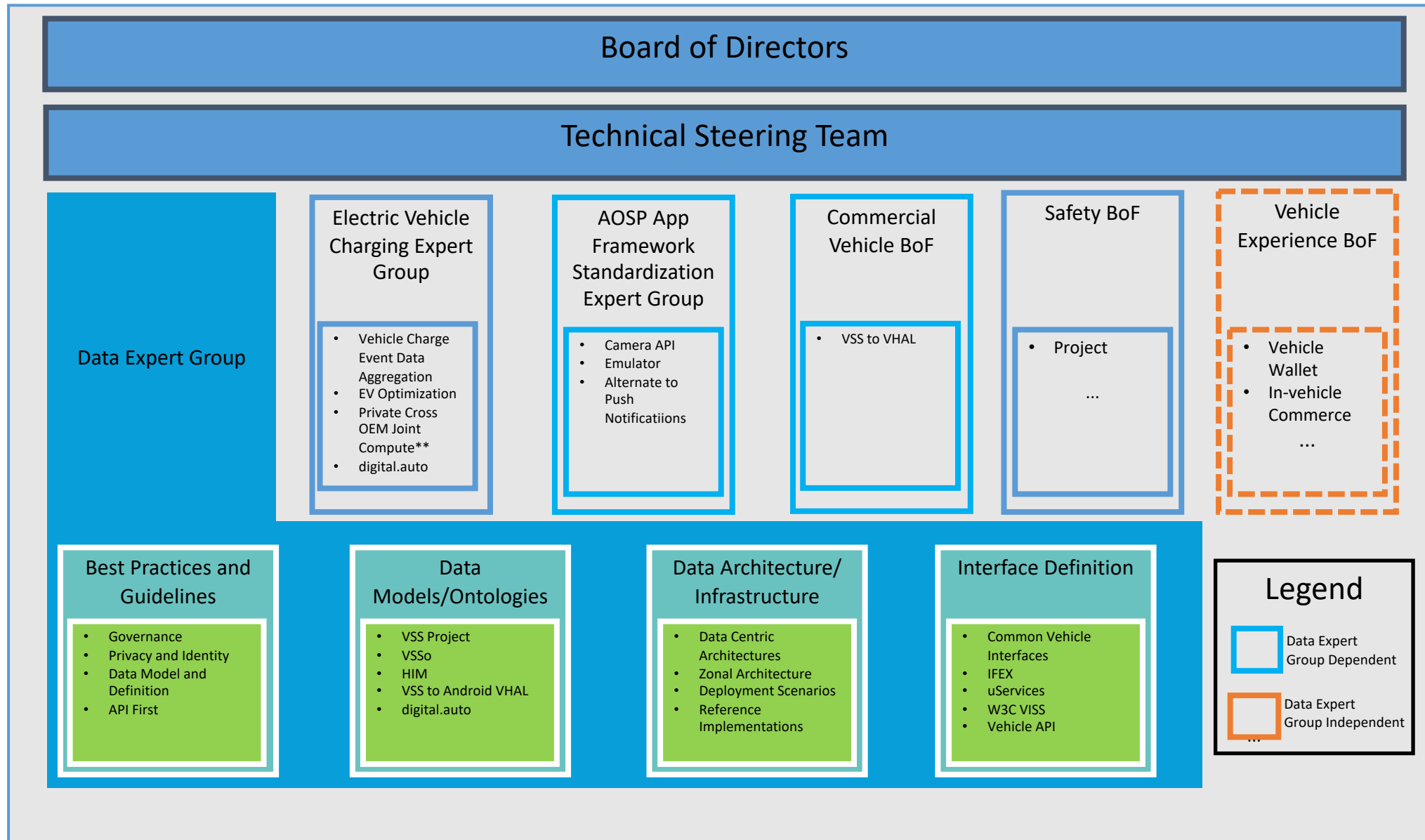


# Organizational Groups



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?



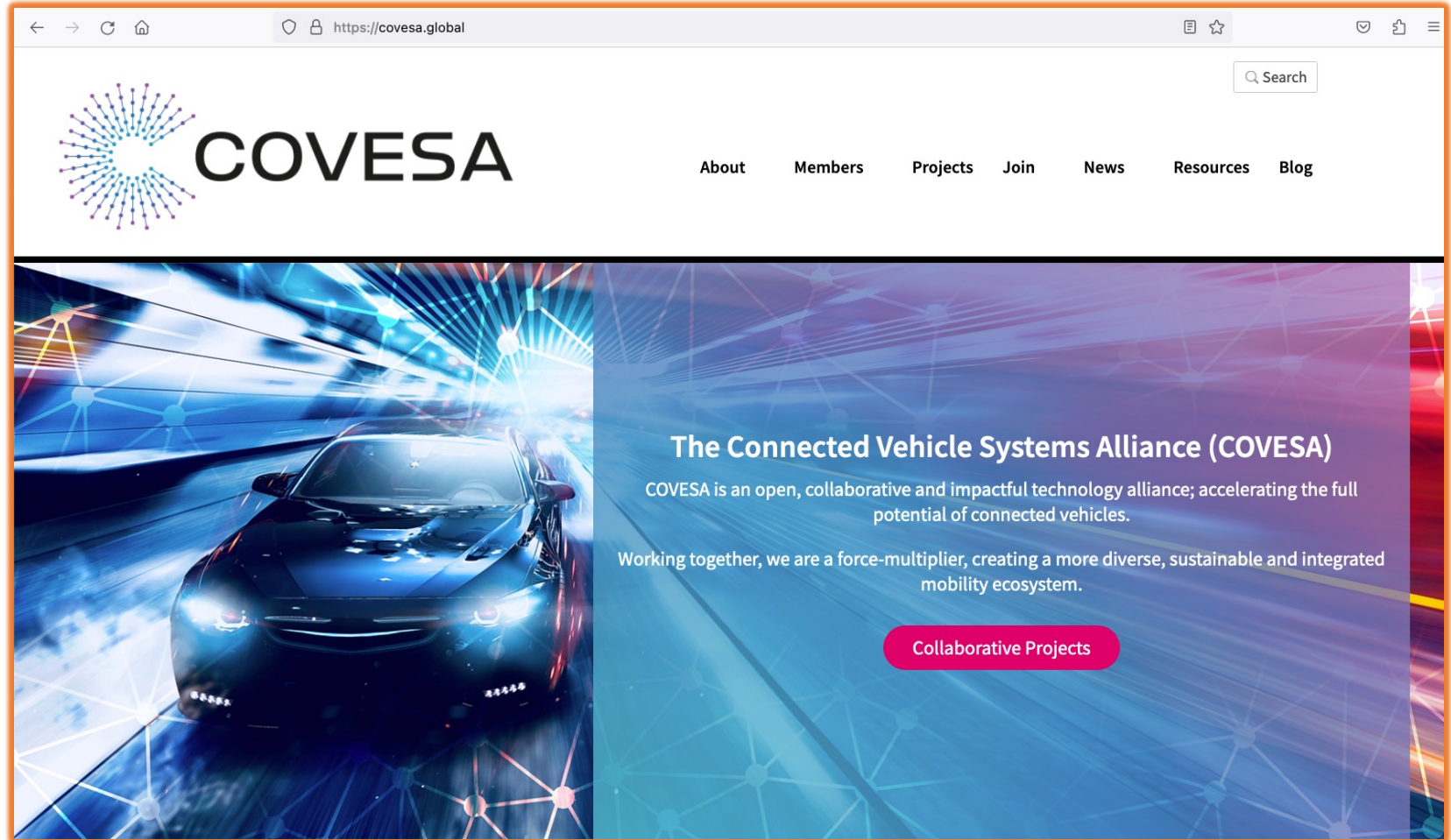


# How do I find out what is going on in COVESA?

## COVESA Website

<https://covesa.global>

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

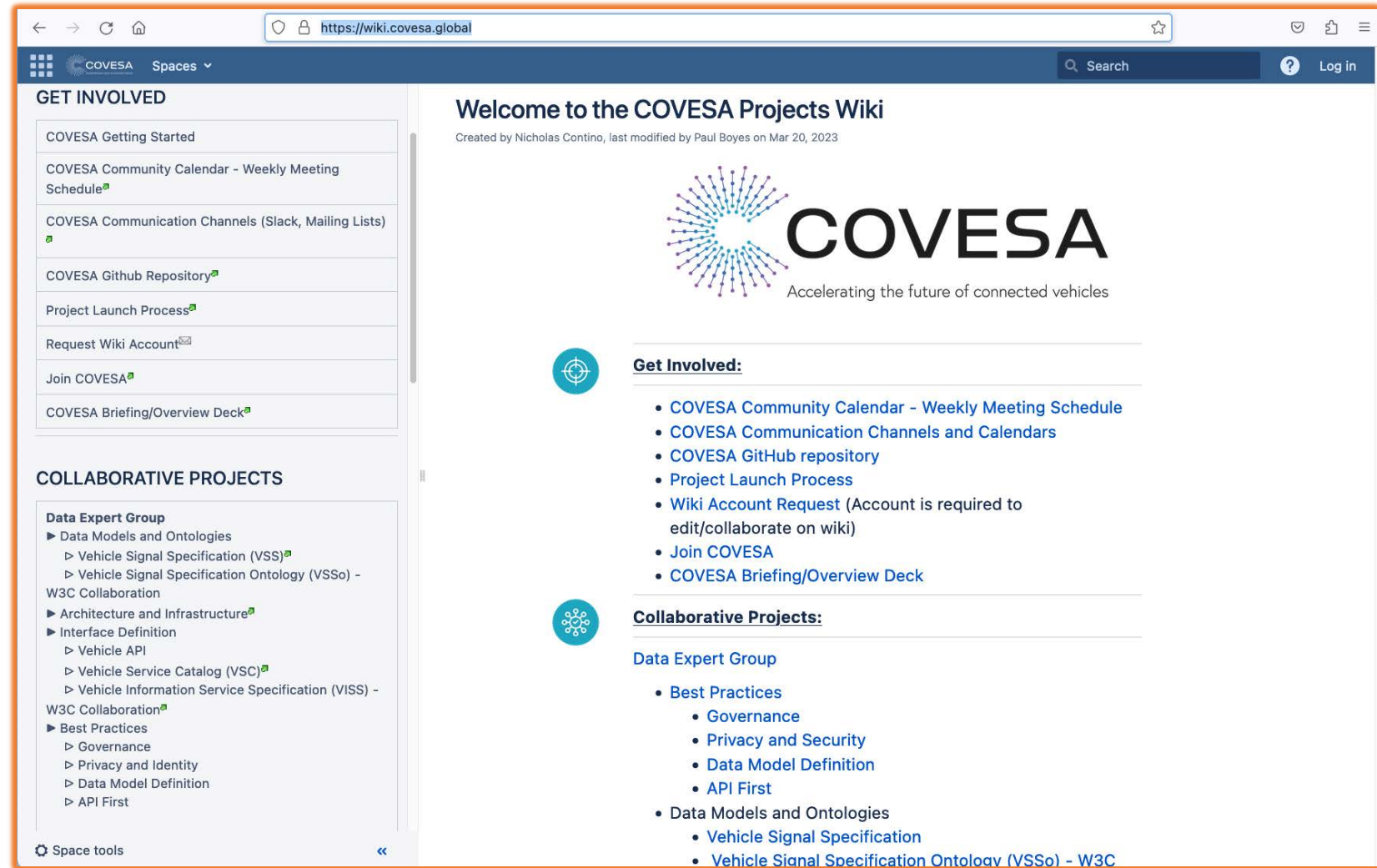


# How do I find out what is going on in COVESA?

## COVESA Wiki

<https://wiki.covesa.global>

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



**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

**COVESA**  
Accelerating the future of connected vehicles

**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 on a web browser. The left sidebar contains navigation links under 'GET INVOLVED' and 'COLLABORATIVE PROJECTS'. The main content area shows a calendar for April 2023 with a pop-up window for the 'Vehicle Signal Specification (VSS) Weekly' meeting.

**GET INVOLVED**

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**COLLABORATIVE PROJECTS**

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    - Vehicle Signal Specification (VSS)
    - Vehicle Signal Specification Ontology (VSSo) - W3C Collaboration
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    - Interface Definition
      - Vehicle API
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  - Best Practices
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    - Data Model Definition
    - API First

**COVESA Community Calendar**

Today April 2023

Sun	Mon	Tue	Wed	Thu	Fri
26 10am Vehicle Service Catalog	27 6:30am VSSo 7am Vehicle Signal Specification	28 7am EV Power Optimization Pt 8am Data Expert Group: Archi	29 7am Weekly Data Expert Group 8am COVESA EV Charging Eve	30	
2	3 8am VSOME/IP Monthly 10am Vehicle Service Catalog	4 6:30am VSSo 7am Vehicle Signal Specification	5 7am EV Power Optimization Pt 8am Data Expert Group: Archi	6 7am Weekly Data Expert Group 8am COVESA EV Charging Eve	
9	10am V		12 xtimization Pt 7am Weekly Data Expert Group: Archi 8am COVESA EV Charging Eve te Label App	13	
16	10am V		19 xtimization Pt 6am FMS+VSS Follow-up Group: Archi 7am Weekly Data Expert Group vers and All 8am COVESA EV Charging Eve	20	
23	24 10am Vehicle Service Catalog	25 6:30am VSSo	26 7am EV Power Optimization Pt 7am COVESA Marketing Team 8am Data Expert Group: Archi	27 8am COVESA EV Charging Eve 12am Data Expert Group	
30	May 1 8am VSOME/IP Monthly 10am Vehicle Service Catalog	2 6:30am VSSo 7am Vehicle Signal Specification	3 7am EV Power Optimization Pt 8am Data Expert Group: Archi	4 7am Weekly Data Expert Group 8am COVESA EV Charging Eve 8am COVESA Internal Vehicle / 10am Business Drivers and All	

**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

GET INVOLVED

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COLLABORATIVE PROJECTS

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    - ▷ API First

Communication Channels

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

LinkedIn

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

Twitter

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

No labels

# 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 "Tuesday, October 18, 2022" is displayed above a table of sessions.

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

# 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<ul style="list-style-type: none"><li>Business Session</li><li>Panel Session</li></ul></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?

## 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>