



**EV Charging  
Expert Group**

## Revision History

Version	Date	Author(s)	Reason for Revision
.5	14 July 2022	Paul Boyes	Initial Version
.6	21 July 2022	Steve Crumb	Edits on initial version
1.0	17 August 2022	Paul Boyes	Remove Notes and Clean up

## Type & Scope

The Electric Vehicle (EV) Charging Expert Group is chartered to provide COVESA members a single entity in which common and novel approaches around EV charging are discussed, documented and proven including but not limited to the following topics:

- Delivering great EV experiences
- Exploring new business models
- Optimization of resources
- Alignment with standards
- EV ecosystem
  - Charge Point Operators (e.g. Ionity)
  - Roaming (e.g. CharIN, Hubject)
  - Charge Management Solutions Provider (e.g. Plugshare)

The expert group will work under the oversight of the COVESA Technical Steering Team and in coordination with the Vehicle Data Expert Group. It will also liaise with other alliances, regulatory and standards development organizations as appropriate or necessary. Topics out-of-scope shall be tracked by the Technical Steering Team.

The group shall be organized around Projects and Thought Leadership.

## Responsibilities

### Projects

- The EG shall identify, propose and execute Projects that prove a concept in or otherwise advance EV Charging.

### Thought Leadership

- The EG will regularly host presentations and workshops around relevant current or future EV charging topics.

## Way of Working (WoW)

The EV Charging Expert Group shall establish a cadence of group meetings (virtual, in-person, at member meetings) to advance the work described above. Notes of meetings shall be taken consistently and posted for reference by participating contributors. While the EG is primarily for COVESA members, non-members may attend as experts to audit the work. Contributions made by non-members shall be made according to contribution guidelines defined in the COVESA IPR Policy.

The group may use projects in the COVESA github to publish public facing releases of deliverables or proof-of-concepts developed by the group.

## **Planned Output**

The EV Charging Expert Group shall have the following deliverables:

- Vehicle Charter Event Data Aggregation Project (see separate Project Charter document)
- Various other proof of concept projects as required
- Various presentations on current state-of-the-art for EV Charging and workshops to determine applicability to COVESA as required
- Extend COVESA data models (VSS) to represent EV Charging events
- Document outlining the state of charging, relevant standards, organizations and relationships to COVESA.

## **Processes & Procedures**

The Expert Group Chair(s), together with the COVESA Community Director, shall determine the number, scope and cadence of group meetings. Github projects launched shall have at least 2 committed maintainers, unless they are strictly for proof of concept activities. Expert Group Chair(s) shall meet on a consistent cadence with the Technical Steering Team to report progress and escalate any matters.

## **Participants**

COVESA members interested in EV Charging;

Ford

Bosch

Renesas

Others to be determined

## **Chairs & Vice-Chairs**

*<List the proposed/confirmed Chairs and Vice-Chairs of the entity. This should include at least a Chair, and could also include Co-Chairs (for Projects, use Maintainers instead of Chair/Co-Chair)>*

OPEN FOR NOMINATION

Chair – Matus Banyay - Ford

**Lifecycle and End of Life**

This group shall be ongoing.