

**OPEN MOBILITY FOUNDATION  
WORKING GROUP CHARTER**

**APPROVED BY BOARD OF DIRECTORS ON 2021/08/11**

**MDS WORKING GROUP**

This Working Group Charter establishes the scope, licensing and initial participation terms for the Working Group (or “WG”) named above, and is subject to the requirements of the Bylaws of the Open Mobility Foundation (“Foundation”). Parties participate in the Foundation’s activities, and are bound by the terms of this Charter, according to the terms of those Bylaws, their application for membership in the Foundation (if applicable) and their Contributor License Agreement(s). The Bylaws also contain rules for the administration, process and work products of the Working Group. The Foundation Board of Directors must approve this Charter in order to launch a Working Group, and may choose to amend it, decline, or review it further. Proposers are encouraged to review the current Foundation Architectural Landscape Statement as to its plan of work and existing planned deliverables, before submitting a proposal.

For additional detail about working group structure, process, and definitions of terms, see Section 4 of the [OMF Bylaws](#).

**1. Full Name of WG:** as stated above.

**2. Short Name:** WG MDS

*(Please confine to ~12 characters, will be used in tags and metadata)*

**3. Scope of WG:**

*(This is a normative, binding statement.)*

*(Please also see the supplemental purpose and deliverables information below.)*

The MDS WG is responsible for delivering an integrated set of data specifications, releases, guidance, and use cases built around the Mobility Data Specification (MDS). It will define work to maintain, build upon, and expand MDS in a way which conforms to the Open Mobility Design Principles set forth in Appendix A of the Foundation Bylaws.

The MDS WG is responsible for the development of tools and specifications used by public agencies, mobility service providers, and data solution partners.

The WG should work with foundation leadership and the Technology Council to ensure its work streams are aligned with any related projects.

The WG may choose to create reference implementations of any of its APIs as discussed in the OMF’s Architectural Landscape.

**4. Duration of WG:** *(please circle one)*

4a. Not limited

**5. Size of WG:** The maximum number of voting members of this Working Group shall be:  
*(please circle one)*

5a. Not limited

Non-voting members are not permitted (other than Advisory Committee or similar liaisons as may be explicitly provided by the Board of Directors).

**6. Members of WG:** Each person participating in the Foundation who (a) has delivered to the Executive Director a written indication of their willingness to join the WG and receipt of a copy of this Charter, (b) meets any other restrictions listed above as determined by the Executive Director, and (c) has signed a properly completed Foundation Individual CLA. The assignment of specific roles within the WG are managed by the WGSC.

**7. Initial Working Group Steering Committee:**

**Public Sector**

1. Atlanta Regional Commission - Joseph Yawn
2. City of San Jose - Jonathan Yuan
3. SANDAG - Sanjiv Nanda
4. San Francisco MTA - Alex Demisch
5. Washington, DC, DDOT - Sharada Strasmore

**Private Sector**

1. Automotus - Harris Lummis
2. Bird - Ben Handzo
3. Blue Systems - Sebastien Berthaud
4. E&A - Marie Maxham
5. Populus - Jean Kao
6. SPIN - Josh Johnson

**8. Constraint on Deliverables of the WG:** *(please circle one)*

[✓] 8b. WG shall issue and seek to approve the deliverables listed below, but may issue and approve other deliverables so long as there are within the Scope stated above, and consistent with the other terms of this Charter and the Bylaws.

**9. Anticipated WG Deliverables:** *(please list)*

*(List may be normative; see question 8 above.)*

*(If initial Contributions are anticipated as starting drafts for the WG's work on a deliverable, it is recommended but not required that they also be noted below, with URLs if publicly available.)*

1. A set of Mobility Data Specification APIs and endpoints, used to specify the digital relationship and data exchange between mobility service providers and the agencies that regulate or license them.
2. One or more reference implementations which support interoperability verification for the above APIs, and comply with the Open Mobility Design Principles.
3. Libraries, guidance, or other resources that make it easier for MDS users to use published standards and APIs.
4. As determined by the WG and the Technology Council, some deliverables may take the form of extensions or contributions to other OMF work products.

**10. Additional Non-Normative Statement of Committee Purpose** *(optional)*

*[The following statement comes from the Open Mobility Foundation Architectural Landscape - April 2021 Board Approved Version]*

The Technology Architecture outlines the current architecture of the MDS APIs, situates MDS within the broader mobility data and technology ecosystem, and identifies the technical considerations and design guidelines that OMF working groups and other developers contributing to the MDS codebase should follow in working on the new features necessary for the specification to evolve.

**Key Takeaways**

- Design of MDS API features should be useful and feasible for both producers and consumers of data
- Design of MDS API services and reference implementations should allow for a flexible technology stack and should not require the use of paid or proprietary services or platforms for implementation
- The API specifications shall be the primary "source of truth" for API definitions. Reference implementations can clarify correct behavior in situations where aspects of the specification are ambiguous or undefined.

**11. Anticipated initial WG repositories to conduct work, and initial maintainers:**

*(Please also note licensing terms, below. Contributors to the WG must execute and deliver appropriate CLAs in order to participate.)*

For each Working Group, the Foundation creates two GitHub teams, for Maintainers and Contributors. Members of the Maintainers Team are granted Write Access to each of the repositories managed by the Working Group, while members of the Contributors Team are granted Read Access. All members of both Teams must be Foundation Contributors. Any Contributor may join the Contributors Team; members of the Maintainers Team are appointed by the Working Group Steering Committee. The WGSC may designate specific repositories to manage work in consultation with the Technical Council.

**12. Licensing model for the WG:**

Each repository shall require contributions made under the Apache License v 2.0, if for executable artifacts, or otherwise (for non-executable documentation repositories) under the Creative Commons CC-BY v4.0 License.

Each deliverable of any kind issued or approved by the WG or published by the Foundation must conform to a template provided by the Foundation, which includes a clear and conspicuous statement of its licensure and that it is provided on an "AS IS" basis, with a disclaimer of warranties on behalf of the Foundation, its Members and participants, and the Host LLC.

**13. Alternative Arrangements for Progression of Deliverables** *(optional: see Bylaws section 5.)*

The MDS WG will develop a release life cycle model that reflects the need for timely delivery of incremental version releases. The WGSC will identify the Deliverables to which the Alternative Arrangements apply, and will request the Board of Directors to amend Section 13 of this Working Group Charter to reflect this, consistent with Section 5 of the Bylaws.