

THE SMART CURB COLLABORATIVE

The [Open Mobility Foundation's](#) SMART Curb Collaborative is a group of eight cities united in tackling challenges in curb management, reducing congestion, enhancing livability, and improving safety and equity on city streets. Each of these public agencies is a recipient of USDOT's [Strengthening Mobility and Revolutionizing Transportation \(SMART\)](#) grant program, which provides funding to build data and technology capacity across the US.

The SMART Curb Collaborative hosts shared activities with member cities to:

- Develop the Curb Data Specification (CDS);
- Provide technical implementation assistance;
- Facilitate peer-to-peer learning and knowledge exchanges;
- Advance curb digitization by providing accessible guides and lessons for any city to utilize and adapt.

MEMBERS



PHILADELPHIA



MINNEAPOLIS



LOS ANGELES



MIAMI-DADE
COUNTY



SAN
FRANCISCO



SEATTLE



SAN JOSE

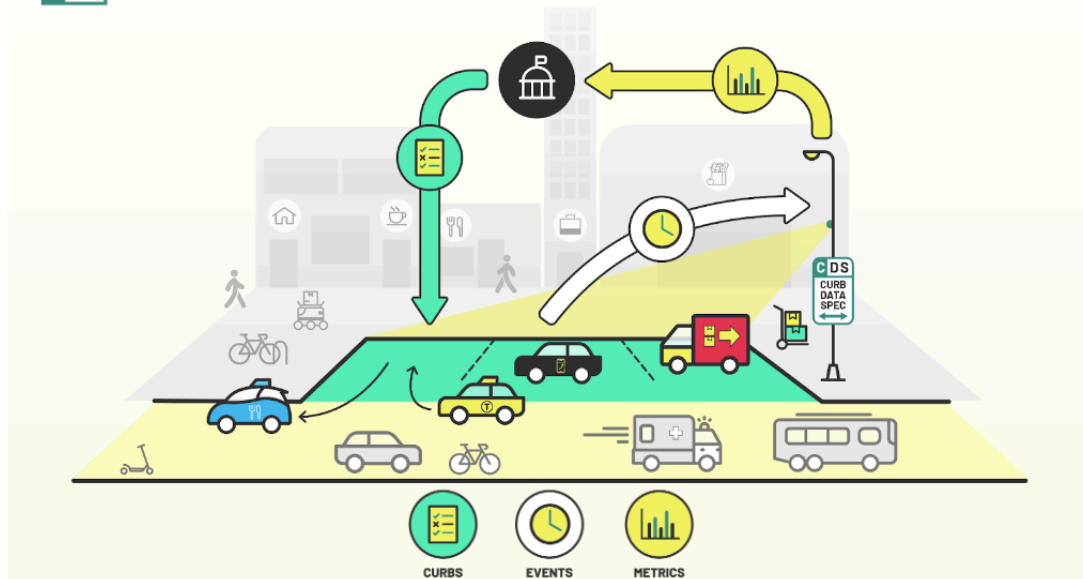


PORTLAND

CURB DATA SPECIFICATION

The OMF's [Curb Data Specification \(CDS\)](#) lies at the heart of every project in the Curb Collaborative. CDS is an open-source data standard stewarded by the OMF.

At its core, CDS is a set of APIs (Application Programming Interfaces) which allow cities to digitally represent their curb space and communicate with curb users in different ways.



CURBS API

A standard way for cities to digitally publish curb locations and regulations, which can be shared with the public and with companies using curb space.

EVENTS API

A standard way to transmit real-time and historic events happening at the curb to cities. Event data can be derived from company data feeds, sensors, check-ins, and other data sources.

METRICS API

Track curb usage session details and define common calculation methodologies to measure historic dwell time, occupancy, usage and other aggregated statistics.

PILOTING CURB MANAGEMENT

The **SMART Curb Collaborative members** are leveraging CDS to:

Pilot zero-emission delivery zones and low-emission last-mile delivery services	Pilot bookable smart loading zones
Create new digital commercial vehicle permits	Inventory objects at the curb
Understand and communicate curb use with real-time information	Create a digital catalog of existing curb regulations

WANT TO LEARN MORE? Visit openmobilityfoundation.org. For program-specific questions, contact em@openmobilityfoundation.org.