

2020-2021 Sustainable Communities Program Smart Cities & Mobility Innovations Call for Applications

Monday, December 7, 2020

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Zoom Webinar Logistics



1. Please take care to Mute your audio/phones when not speaking.
 - When using the phone, to mute and unmute your phone press *6
2. You can ask questions by:
 - Using the “Raise Hand” feature when clicking on “Participants” at the bottom of your screen
 - Press *9 when using the phone
 - Type your question into the chat box
 - If preferred, save your questions for the Q&A discussion at the end
3. Link to the presentation slides will be emailed to those who registered to participate in today’s meeting.

1. Welcome & Program Overview
 - *Julia Lippe-Klein, SCAG*
2. SCP Smart Cities & Mobility Innovations Overview
 - *Marisa Laderach, SCAG*
3. Eligible Plans and Project Types
 1. Curb Space Data Collection & Inventory – *Thomas Bellino, SCAG*
 2. Technology Assessment or Adoption Plan – *Scott Strelecki, SCAG*
 3. Parking Management Plan – *Jaimee Lederman, SCAG*
 4. Permitting Process Evaluation – *Prithvi Deore, SCAG*
4. Q&A Session
 - *Marisa Laderach, Hannah Brunelle, SCAG*

2020/21 Sustainable Communities Program (SCP)



- Supports implementation of the 2020 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), *Connect SoCal*
- SCP provides **multiple opportunities** to seek funding and resources to meet the needs of communities, address recovery and resiliency strategies considering COVID-19, and support regional goals
 - **Active Transportation & Safety (AT&S) Call Now Open**
 - **Housing & Sustainable Development (HSD) Call Now Open**
 - **Smart Cities & Mobility Innovations (SCMI) Call – Developing Now**
- Successful applicants receive technical assistance from SCAG
 - **SCAG will complete procurement for the proposed scope of work for the SCMI Call**

2020 Sustainable Communities Program (SCP): Program-Wide Goals



- Provide needed **planning resources** to local jurisdictions for **active transportation** and **multimodal planning efforts, sustainability, land use, and planning for affordable housing**;
- **Promote, address and ensure health and equity** in regional land use and transportation planning and to **close the gap of racial injustice** and better serve our communities of color;
- Encourage regional planning strategies to **reduce motorized Vehicle Miles Traveled (VMT) and greenhouse gas (GHG) emissions**, particularly in environmental justice communities where there is the highest need for air quality improvements;
- Develop local plans that **support the implementation of key strategies and goals** outlined in Connect SoCal's Sustainable Communities Strategy;

2020 Sustainable Communities Program (SCP): Program-Wide Goals (continued)



- Develop resources that **support the Key Connections** as outlined in Connect SoCal, including:
 - Shared Mobility and Mobility as a Service
 - Smart Cities and Job Centers
 - Accelerated Electrification
 - Go Zones
 - Housing Supportive Infrastructure;
- **Support a resilient region** that looks to climate adaptation and public health preparedness as key strategies to address community prosperity, transportation safety, economic recovery and sustainability;
- **Increase the region's competitiveness for federal and state funds**, including, but not limited to the California Active Transportation Program and Greenhouse Gas Reduction Funds.

2020-2021 SCP: Smart Cities & Mobility Innovations

- SCP Call #3 seeks to explore implementation of three **Connect SoCal Key Connections**:
 - Smart Cities & Job Centers
 - Go Zones
 - Shared Mobility/Mobility as a Service
- The underlying premise of these Key Connections focuses on advancing expanded mobility ecosystems and management strategies using cutting-edge technology to realize regional planning goals.
- Under SCP Call #3, funding will be directed towards local jurisdictions that seek to **use technology and innovation** to improve the efficiency and performance of the transportation system by implementing curb space management measures that encourage shared modes, manage parking effectively, and support commerce and the growth of housing and employment in job centers.

2020-2021 SCP: Smart Cities & Mobility Innovations

- Cities have been struggling with issues related to on-and off-street parking, congestion, first-last mile connections, etc. Data and **the reliable assessment of curb use** have become essential to finding solutions to these growing issues in the region.
- SCP Call for Projects seeks to **develop best practices** in curb space management that support sustainable mobility while simultaneously enhancing public space and supporting small businesses and the local economy.
- SCP Call for Projects considers **emerging equity considerations** such as the relationships between the use of transit and transportation network companies (as evidenced by curb space activity within disadvantaged communities), enhancements for transit and bike networks at the curb, and the potential for optimizing curb space management through asset valuation.



Curb Space Data
Collection & Inventory



Technology Assessment or
Adoption Plan

**Project Type
and Eligible
Projects**



Parking Management Plan



Permitting Process Evaluation

Eligible Applicants

The following entities, within the SCAG region, are eligible to apply for SCP–SCMI resources:

- **Local or Regional Agency** – Examples include cities, counties, councils of government, Regional Transportation Planning Agency and County Public Health Departments.
- **Transit Agencies** – Any agency responsible for public transportation that is eligible for funds under the Federal Transit Administration.
- **Natural Resources or Public Land Agencies** – Federal, State, or local agency responsible for natural resources of public land administration.
- **Tribal Governments** – Federally–recognized Native American Tribes.

- Applications submitted for this project category should include a focus on **expanding or updating the data inventory** through **innovative data collection methods**.
- To understand the **growing curb use and regulate the curb space**, it is essential to keep up with the **data demand beyond an annual inventory**.
- The data collection should **aim to advance plans, studies, and activities in the city and across the region**. It will bring consistency across various departments and agencies to efficiently track and respond to the rapid changes happening at street level.
- Examples of eligible projects include but are not limited to the following:
 - **Complete inventory of curb space**
 - **Parking inventory** (in a business district, all on-street and off-street, etc.)
 - **Digitization of curb space records**
 - **Real-time monitoring**

- This project category includes **technology frameworks and demonstrations related to curbspace management, curbspace regulating, on-street and off-street parking management, last mile delivery solution and other curbspace and mobility challenges.**
- There is a need to find **innovative methods** to handle the growing complexity of the issues of transportation system. Building and using the **technology solutions to solve the upcoming problems of curbspace** in the city is the need of the hour.
- Examples of eligible projects include but are not limited to the following:
 - **Pilot program for last mile delivery hub or common carrier locker system**
 - **Assessment of technology solutions for curbspace challenges (such as sensors/cameras or apps)**
 - **Assessment of technology solution(s) with plan to roll out implementation of a solution**

- Applications will focus on **advancing parking management in a selected site, street, or the entire city.**
- **Parking management** is a major need for cities and strategies can potentially help **achieve a balanced transportation system.**
- It can be used to regulate supply, reduce street congestion through pricing, and encourage transit use.
- Projects can include **pilots, studies, or plans.** Examples of eligible projects include but are not limited to the following:
 - **Parking management in business district**
 - **On-street parking management**
 - **Dynamic parking pricing strategies**
 - **EV parking/charging**

- This project category looks at permitting process, evaluation and impact of curb use to enhance safety and efficiency for all users (seniors, disabled, transit, active transport, etc).
- Applications will focus on strategies that support business owners, schools, residents, etc. and address last mile delivery, food delivery and pick up, ride share drop-off and pick-up, school loading zone, outdoor dining, parking, etc.
- Examples of eligible projects include but are not limited to the following:
 - Ride share and/or retail/food drop-off and pick-up study
 - Outdoor dining permit plan
 - Street vendor permitting programs, assistance plans, and needs assessment
 - Accessibility plans and ADA compliance

Project Examples



**DOWNTOWN OXNARD MOBILITY
AND PARKING MANAGEMENT PLAN**



City of Newport Beach
**BALBOA VILLAGE
PARKING MANAGEMENT PLAN
DRAFT REPORT**



**2008
DOWNTOWN
PARKING
MANAGEMENT PLAN
CITY OF MANHATTAN BEACH**

DRAFT FINAL REPORT

Citywide On-Street Parking Management Plan
(City Project No. 590-RPT)

City of South Gate Public Works Department – Engineering Division



Project Examples



Cargo E-Bike Delivery Pilot Test in Seattle

Urban Freight Lab
Supply Chain Transportation & Logistics Center
University of Washington
August 2020



Curb Allocation Change Project

Final Report

Anne Goodchild
Don MacKenzie
Andisheh Ranjbari
Jose Machado
Giacomo Dalla Chiara

UNIVERSITY OF WASHINGTON • JUNE 14, 2019

COMMON CARRIER LOCKER SYSTEM PILOT TEST IN THE SEATTLE MUNICIPAL TOWER

by

Anne Goodchild
Barb Ivanov
Haena Kim
University of Washington



CITY OF LOS ANGELES SIDEWALK & PARK VENDOR PERMIT PROGRAM



City of Los Angeles Sidewalk Vending Rules



SCP-Smart Cities and Mobility Innovations Milestones	Date
Call for Applications Opens	February 8, 2021
Application Workshop	March 8, 2021, April 5, 2021
Call for Applications Submission Deadline	April 23, 2021 (5:00 p.m.)
Regional Council Recommendation	July 1, 2021
Final Work and Invoices Submitted	June 30, 2023

Q/A Question #1

What project category are you most interested in?

- Curb Space Data Collection & Inventory
- Technology Assessment or Adaptation Plan
- Parking Management Plan
- Permitting Process Evaluation

Q/A Question #2

Is your agency facing any barriers to move forward with this application?

- Lack of staff time available for completing application
- Lack of staff time available for project management
- Support needed to identify project
- Project categories not applicable to local need
- Anticipation of budget shortfalls due to COVID-19
- Interested in other planning dollars for land use and/or housing
- Other (add to the chat if not listed)

What are some of the curb space challenges that face your agency?

- Respond with your answers in the **chat box**
 - Or use the “Raise Hand” feature when clicking on “Participants” at the bottom of your screen
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Questions?

Application Questions:

Hannah Brunelle
Senior Regional Planner
Tel: (213) 236-1907
Email: brunelle@scag.ca.gov

Project / Content Questions:

Marisa Laderach
Senior Regional Planner
Tel: (213) 236-1927
Email: laderach@scag.ca.gov

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