



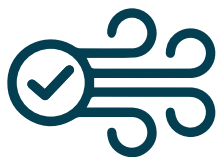
# LAST MILE FREIGHT PROGRAM

## SNAPSHOT

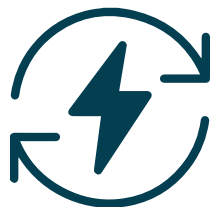
LAST MILE FREIGHT ACTIVITY IS A CRITICAL COMPONENT OF SUPPLY CHAINS FOR BOTH CONSUMERS & INTERMEDIARY BUSINESSES DEALING WITH PHYSICAL GOODS.

E-commerce has had a profound impact on last mile delivery growth, and the COVID-19 pandemic has only exacerbated the frequency of deliveries adding further stress to global supply chains. At the same time, air quality challenges continue to impact the public health of the region.

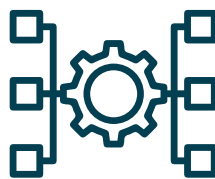
Accelerated Electrification strategy is a Key Connection of the SCAG's Connect SoCal Plan, seeking to de-carbonize or electrify vehicles including those within goods movement. The Last Mile Freight Program (LMFP) serves as an initial step towards implementing freight-related clean vehicles/equipment and infrastructure to support cleaner air goals.



**SUPPORTING  
CLEAN AIR GOALS**



**IMPLEMENTING CLEAN  
VEHICLES/EQUIPMENT**



**IMPLEMENTING  
INFRASTRUCTURE**



**E-COMMERCE  
AND COVID-19  
HAVE ADDED FURTHER  
STRESS TO GLOBAL  
SUPPLY CHAINS**

## CORE PRINCIPLES

- > Creating transparency as to critical barriers impeding the transformation of the last mile freight market;
- > Measuring success for both public and private entities;
- > Optimizing where investments can generate the strongest benefits for further growth; and
- > Achieving air quality reduction targets.

## OVERVIEW

SCAG has partnered with the Mobile Source Air Pollution Reduction Review Committee (MSRC) to establish the LMFP. SCAG has developed a two-phased approach for the LMFP:

### > Phase 1

(Projects have been selected and is currently in implementation phase)  
Focusing on the commercial deployment of zero-emission or near-zero emission (ZE/NZE) heavy and/or medium duty on road trucks (including ZE/NZE equipment and supporting infrastructure).

### > Phase 2

Further expanding Phase 1 projects through coordination with both public and private sector stakeholders to deploy broader innovative technologies currently being demonstrated by leading last mile delivery companies, particularly in e-commerce use-cases.

A total of \$16,751,000 has been approved for Phase 1 project implementation

## GOALS

- > Achieve immediate emission reductions for NOx and PM2.5 from commercially deployed vehicles/equipment and facilitate supporting infrastructure;
- > Inform both industry and the public regarding ZE/NZE vehicle/equipment and supporting infrastructure performance, and how this information can be used to scale emission reductions to contribute to regional air quality goals;
- > Provide private operators and the public with information on return on investment (ROI) and cost-effectiveness insights into ZE/NZE vehicle/equipment and infrastructure operations, maintenance, and reliability;
- > Create greater transparency regarding the need for public versus private ZE/NZE supporting infrastructure; and
- > Inform the needs and/or help address the challenges to significantly scale ZE/NZE vehicles/equipment and infrastructure in the region.

## SCHEDULE

LMFP MILESTONE - PHASE 1	DATES
Call-for-Projects Opens	May 10, 2021
Application Workshops	May 18, 2021
Deadline for Questions	May 28, 2021
Questions Responses Posted	June 4, 2021
Call for Projects Initial Submittal Deadline	July 14, 2021
Call for Projects Re-Opening	August 12, 2021
Call for Projects Submittal Deadline	September 22, 2021
SCAG/MSRC Approval of Selected & Contingency Projects   Selected & Contingency Projects Posting	October 2021 – February 2022
Project Implementation	2022 – 2024

# \$16,751,000

HAS BEEN APPROVED  
FOR PHASE 1 PROJECT  
IMPLEMENTATION.



EMISSIONS  
REDUCTIONS



INFORM  
INDUSTRY & PUBLIC



RETURN ON  
INVESTMENT (ROI)  
DETAILS



CREATE  
TRANSPARENCY



ADDRESS  
CHALLENGES

### CONTACT US

For more information about the LMFP,  
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