

# DRISI

CALTRANS DIVISION OF RESEARCH,  
INNOVATION AND SYSTEM INFORMATION

TRANSFORMING IDEAS INTO SOLUTIONS

# Research

# Notes

Planning, Policy  
and  
Programming

NOVEMBER 2023

Project Title:  
Data Dashboard and Capacity  
Building for Electric Carsharing  
in Underserved Black Indigenous  
People of Color (BIPOC)  
Communities

Task Number: 3378

Start Date: May 1, 2023

Completion Date: April 30, 2024

Task Manager:  
Stuart Mori  
Associate Transportation Planner  
stuart.mori@dot.ca.gov

## Data Dashboard and Capacity Building for Electric Carsharing in Underserved BIPOC Communities

Engaging Underserved Communities in Electric Carsharing Programs

### WHAT IS THE NEED?

Government-supported electric vehicle (EV) carsharing may provide an affordable transportation alternative and reduce greenhouse gas emissions (GHGs), particularly in rural and suburban areas where high-quality transit is costly to provide.

Not surprisingly, federal and state funding for electric carsharing is increasing. Carsharing is eligible for \$13.2 billion in congestion relief and air quality improvement funds from President Biden's Infrastructure Investment and Jobs Act. California is poised to spend an additional \$18 million over this next year in EV sharing programs.

However, more work is needed to encourage underserved communities, who do not have the information and money, but are interested in electric carsharing to plan, fund, and implement electric carsharing.

### WHAT ARE WE DOING?

The research study creates a data dashboard for information gained through EV sharing pilots in the Central Valley. The method of data aggregation and sharing will encourage underserved communities interested in developing electric carsharing programs through (1) a medium to inform and engage stakeholders, and (2) grass-roots stakeholder engagement related to car-sharing pilots sponsored by the California Air Resources Board.

### WHAT IS OUR GOAL?

The goal of this project is to improve informational resources for car-sharing pilots and increase knowledge regarding the effectiveness and suitability of these pilots.



DRISI provides solutions and knowledge that improves California's transportation system

## WHAT IS THE BENEFIT?

The project will 1) provide a concrete example of a non-profit electric carsharing program; 2) share lessons learned from experience and research on how to build a program; 3) motivate communities through an information program that features personal stories and research results; and 4) serves as a resource on funding, research, and news.

## WHAT IS THE PROGRESS TO DATE?

The kick-off meeting was conducted on July 31, 2023. The researchers refined the data to be shared on the Dashboard and working with Miocar obtained testimonials from users whose stories will appear on Dashboard. A progress meeting is scheduled for November 2023 for the Panel to review draft deliverables.

## IMAGES



Image 1: EV Carshare Being Charged