Planning/ Policy/ Programming

May 2025

Project Title: Data Dashboard and Capacity Building for Electric Carsharing in Underserved BIPOC Communities

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

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

Generating interest in ZEV carsharing for Underserved BIPOC communities

WHAT WAS 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 was 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 WAS OUR GOAL?

The goal of this project was to develop informational resources and conduct in-person engagement and provide technical help to these underserved communities through the Miocar program. This will help advance the goal of ZEV adoption and utilization for all members of society to help make Earth a greener and more sustainable place.

WHAT DID WE DO?

The research team conducted a project that encourages underserved communities interested in developing electric carsharing programs through (1) information sharing via a medium to inform and engage stakeholders, and (2) helping these communities utilize the information provided to utilize these services through the implementation of a grass-roots program.

WHAT WAS THE OUTCOME?

The project was successfully completed, and the website was published by UC Davis and is live. The website provides valuable information on carshare for ZEV options for financially disadvantaged communities.

WHAT IS THE BENEFIT?

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

LEARN MORE

https://miocar.org/?page_id=15270

IMAGES

Image 1: EV Car Being Charged

Photo sourced from Los Angeles Department of Water and Power