

Car Sharing and Mobility Hubs at Affordable Housing Pilot Project

The Metropolitan Transportation Commission (MTC), the Bay Area's transportation planning, financing and coordinating agency, in partnership with TransForm, a nonprofit addressing climate change and social inequity through transportation and housing solutions, received a \$2.25 million grant from the California Air Resources Board to design and implement three mobility hubs at affordable housing developments in Richmond, Oakland, and San Jose. The mobility hubs will include an electric vehicle car sharing program and a mix of additional mobility options based on residents' needs, such as transit passes, bike sharing, and e-scooter sharing. The project team recently completed a comprehensive needs assessment process consisting of surveys, focus groups, and interviews to ensure that the program addresses the unique needs of residents. The project team is now focused on implementation.



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The Car Sharing and Mobility Hubs at Affordable Housing Pilot Project is part of California Climate Investments, a statewide initiative that puts billions of cap-and-trade dollars to work reducing greenhouse gas emissions, strengthening the economy and improving public health and the environment – particularly in disadvantaged communities.

Dates: July 1, 2018 – Winter 2020
Grantee: Metropolitan Transportation Commission
Partners: TransForm, Shared-Use Mobility Center, East Bay Asian Local Development Corporation, First Community Housing, City of Richmond, Richmond Community Foundation

Grant Amount:
CARB Contribution: \$2,250,000
Matching Funds: \$932,500
Project Total: \$3,182,500



Vehicles/Equipment to be Funded (Exact Mix Depends on Location):

Across three locations, the project will fund:

- Battery electric vehicles
- Electric vehicle charging stations
- Driving credits to subsidize trips

The project will also include some or all of the following, depending on residents' needs and interests:

- Transit passes
- Bike sharing (electric and traditional)
- Bike infrastructure (secure storage, fix-it stations)
- E-scooter sharing
- Mobility credits (Lyft, GIG)
- Travel information displays

Lessons Learned

- The importance of conducting a community transportation needs assessment first to determine the mobility needs of the community.
- Permitting for EVSE installation within the public right-of-way can be a lengthy process and should be considered in timelines.
- Ample staff time, especially from site partners, is necessary for outreach activities and establishing community trust.

Project Highlights

- Designed and piloted a comprehensive community transportation needs assessment approach.
- Received over 580 paper surveys across three locations in Richmond, Oakland, and San Jose.
- Convened resident advisory groups at each location to provide input and serve as ambassadors of the program.

