

Local Government EV Fleet Demonstration Project

The Local Government EV Fleet Demonstration Project is a federally funded initiative (through the Federal Highway Administration's CMAQ) to test the utility and benefits of using electric vehicles in municipal fleet operations. The County of Alameda is partnering with nine other agencies around the San Francisco Bay Area to collaboratively purchase 90 all-electric vehicles and charging stations.

Project partners: cities of Concord, Fremont, Oakland, San Jose, Santa Rosa, County of Alameda, City/County of San Francisco, Sonoma County, the Sonoma County Water Agency, and the Marin Municipal Water District

Project convener: The Bay Area Climate Collaborative

COST SAVINGS

Through collaborative purchasing and utilizing economies of scale, the partners saved over **\$349,000 in the purchase of new EVs** (based on manufacturer's MSRP) and saved businesses the time and expense of responding to 10 separate bids.

The EV fleet of 90 vehicles is projected to achieve **fuel cost savings of \$500,000** and 1.5 million lbs. of net CO₂ pollution prevention over the next five years.



Promoting regional partnerships



Charging stations in Hayward



A new plug-in vehicle

CHALLENGES

- High cost of electric vehicles
- Inexperience with the purchase and installation of charging stations
- Complex federal funding regulations
- Harmonizing purchasing procedures across 10 separate public agencies

SOLUTIONS

- Collaborative procurement:
- All public agencies enter into Memorandum of Understanding to procure vehicles and charging stations in group bids, with Alameda county serving as lead agency
 - Ongoing information sharing between partners

BENEFITS

- Economies of scale yields lower pricing, saving taxpayer money
- Reduced burden on vendors by submitting a single bid
- EVs save money through significantly lower operating costs, eliminate harmful tailpipe emissions, and reduce greenhouse gasses

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