

Local Public Fleet Electrification Planning Technical Assistance Program



2024 Technical Assistance Recipient Recommendations

**MTC Planning Committee
(Joint meeting with the ABAG Administrative Committee)**

April 12, 2024



MTC Transportation Electrification Initiatives

| Initiatives | Investment |
|--|--------------|
| TE1. Charging Infrastructure a. Regional Transportation Electrification Assistance Program (\$20M) b. Transit Station Public Charging Program (\$10M) | \$30M |
| TE2. Electric Bikeshare a. Bay Wheels Bikeshare E-bike Expansion (\$16M) b. Additional Bikeshare Investments (\$4M) | \$20M |
| TE3. Local Public Fleet Electrification a. Public Fleet Electrification Planning Assistance (\$10M) | \$10M |
| TE4. Transportation Electrification Planning and Program Strategy a. Local Transportation Electrification Action Planning (\$4.5M) b. Regional Program Strategy (\$0.5M) | \$5M |
| Total | \$65M |

Program Overview and Purpose

Program provides assistance to local public agencies for public fleet electrification planning

Program Purpose

- Implement Plan Bay Area 2050 clean vehicle strategies to help achieve regional goals (e.g., LDV GHG, equity)
- Reduce greenhouse gas emissions from transportation
- Help agencies meet federal, state, and local policy requirements (e.g., CARB Advanced Clean Fleets regulation for State and Local Governments)
- Improve agency's ability to secure implementation and capital funding (e.g., CEC Charging Infrastructure for Government Fleets grants)



Eligible Applicants and Application Process

- **Eligible Applicants**

- Bay Area local public agencies that own and operate at least 5 vehicles or mobility devices

- **Call for Applications Outreach**

- Announced by email to all planning directors, public works directors, county transportation agency staff, and other local staff and regional working groups
- Hosted online informational webinar

- **Application**

- Simple Excel-based application form requesting fleet manager information, fleet size, and need for assistance



Summary of Applications Received

- 32 public agencies (cities, counties, and BART) applied
- Fleets ranging from 15 to 6,900 vehicles
- Include public works, parks & rec, waste management, police, fire, and other department fleets
- In total, over 12,500 fleet vehicles at over 450 locations
- **All applicants are recommended to receive fleet planning technical assistance, up to an estimated \$6 million in assistance, for all planning work requested.**

| County | # Agencies Applied | # Fleet Vehicles* |
|---------------|--------------------|-------------------|
| Alameda | 5 | 1,120 |
| Contra Costa | 2 | 358 |
| Marin | 9 | 1,013 |
| Napa | 5 | 556 |
| San Francisco | 1 | 6,871 |
| San Mateo | 5 | 469 |
| Solano | 3 | 686 |
| Sonoma | 1 | 938 |
| Regional | 1 | 570 |
| TOTAL | 32 | 12,581 |

*Approximate numbers of fleet vehicles

Technical Assistance Scope of Work

A standard scope of work will be delivered to recipients

- Fleet Baseline Conditions
 - Review existing fleet plans and applicable policies, assess current fleet, engage with fleet operators and stakeholders
- Fleet Electrification Assessment
 - Evaluate vehicle and equipment replacement options, evaluate fleet charging needs and locations
- Fleet Transition Plan
 - Develop plans for vehicle replacement, procurement, infrastructure development, utility coordination, operations and maintenance, costs and financing options

The cost to complete the planning work is estimated to range up to \$100,000-\$400,000 per agency depending on fleet size, number of fleet locations, and level of assistance requested, up to a total of \$6 million.

Next Steps

- Staff will work with the public agencies to confirm fleet information, scope of assistance needed, and schedules
- Staff will contract with consultants from MTC's new Transportation Electrification Planning and Technical Assistance Bench (pending bench approval at the April 10, 2024, Administration Committee meeting) to provide technical assistance to the public agencies

Recommendation

- Approve staff to move forward with developing fleet electrification planning technical assistance work scopes up to \$6 million for the public agencies listed in Attachment A. Associated programming revisions to MTC Resolution No. 4505, Revised, will be included in the May 8, 2024, Programming and Allocations Committee packet.



Questions?



ASSOCIATION OF BAY AREA GOVERNMENTS
METROPOLITAN TRANSPORTATION COMMISSION

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