



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

AGENDA: 4

# Transportation Fund for Clean Air County Program Manager Expenditure Plans for Fiscal Year Ending 2024

Mobile Source and Climate Impacts  
Committee Meeting  
May 10, 2023

Minda Berbeco, PhD, Manager  
Strategics Incentive Division  
[mberbeco@baaqmd.gov](mailto:mberbeco@baaqmd.gov)

# Action Item



Action item for the Committee to consider recommending the Board of Directors:

1. Approve the allocation of new TFCA revenue to each of the nine County Program Managers for FYE 2024, as listed in Column A of Table 1; and
2. Authorize the Executive Officer/APCO to enter into funding agreements with the CPMs for TFCA revenues to be programmed in FYE 2024 as listed in Column C of Table 1.

# Presentation Outline



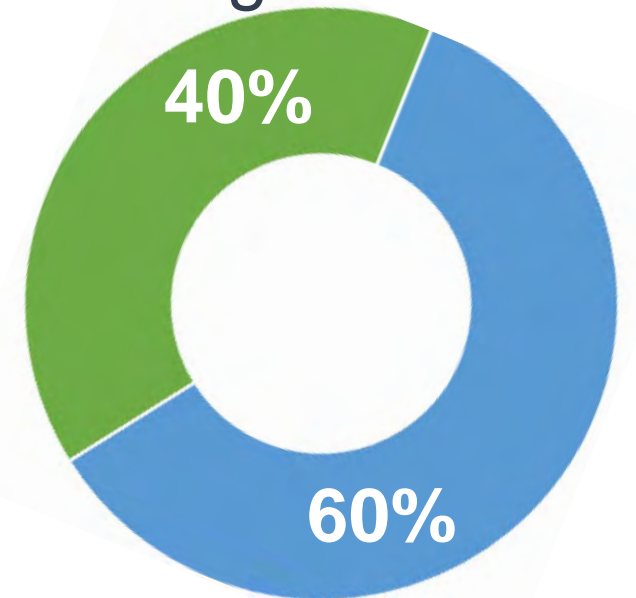
- Background
- Fiscal Year Ending (FYE) 2024 Transportation Fund for Clean Air (TFCA) County Program Manager (CPM) Expenditure Plans
- Recommendations

# Background Transportation Fund for Clean Air (TFCA)



- Funding provided by \$4 surcharge on motor vehicles
- 40% of monies passed through to nine county CPMs
- Authorized by CA Health and Safety Code §44241 and 44242 and requires policies & cost-effectiveness criteria to be adopted by the Air District Board annually

County Program  
Manager Fund



# Background TFCA CPM Program



## California Health & Safety Code Sections 44241 and 44242

- CPMs submit annual expenditure plan to Air District
- Funds must be awarded to eligible projects within six (6) months of Air District Board's approval of expenditure plans



# Proposed Allocation for CPMs in FYE 2024



	A	B	C
County Program Manager	Estimated New TFCA Revenue	Reconciliation & Reprogrammed TFCA Funds	Estimated Total FYE 2024 TFCA Funds
Alameda County Transportation Commission	\$1,920,900	\$780,597	\$2,701,497
Contra Costa Transportation Authority	\$1,536,800	\$158,062	\$1,694,862
Transportation Authority of Marin	\$348,200	\$33,616	\$381,816
Napa Valley Transportation Authority	\$197,200	\$52,502	\$249,702
San Francisco County Transportation Authority	\$701,000	\$241,750	\$942,750
San Mateo City/County Association of Governments	\$1,020,400	\$349,611	\$1,370,011
Santa Clara Valley Transportation Authority	\$2,383,000	\$349,198	\$2,732,198
Solano Transportation Authority	\$340,800	\$17,531	\$358,331
Sonoma County Transportation Authority	\$615,200	\$92,206	\$707,406
<b>TOTAL</b>	<b>\$9,063,500</b>	<b>\$2,075,073</b>	<b>\$11,138,573</b>

# Recommendations



Actions item for the Committee to consider recommending the Board of Directors:

1. Approve the allocation of new TFCA revenue to each of the nine County Program Managers for FYE 2024, as listed in Column A of Table 1; and
2. Authorize the Executive Officer/APCO to enter into funding agreements with the CPMs for TFCA revenues to be programmed in FYE 2024 as listed in Column C of Table 1.





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AGENDA: 5

# Transportation Fund for Clean Air Regional Fund Policies & Evaluation Criteria for Fiscal Year Ending 2024

Mobile Source and Climate Impacts  
Committee Meeting  
May 10, 2023

Minda Berbeco, PhD, Manager  
Strategic Incentives Division  
[mberbeco@baaqmd.gov](mailto:mberbeco@baaqmd.gov)



# Action Item



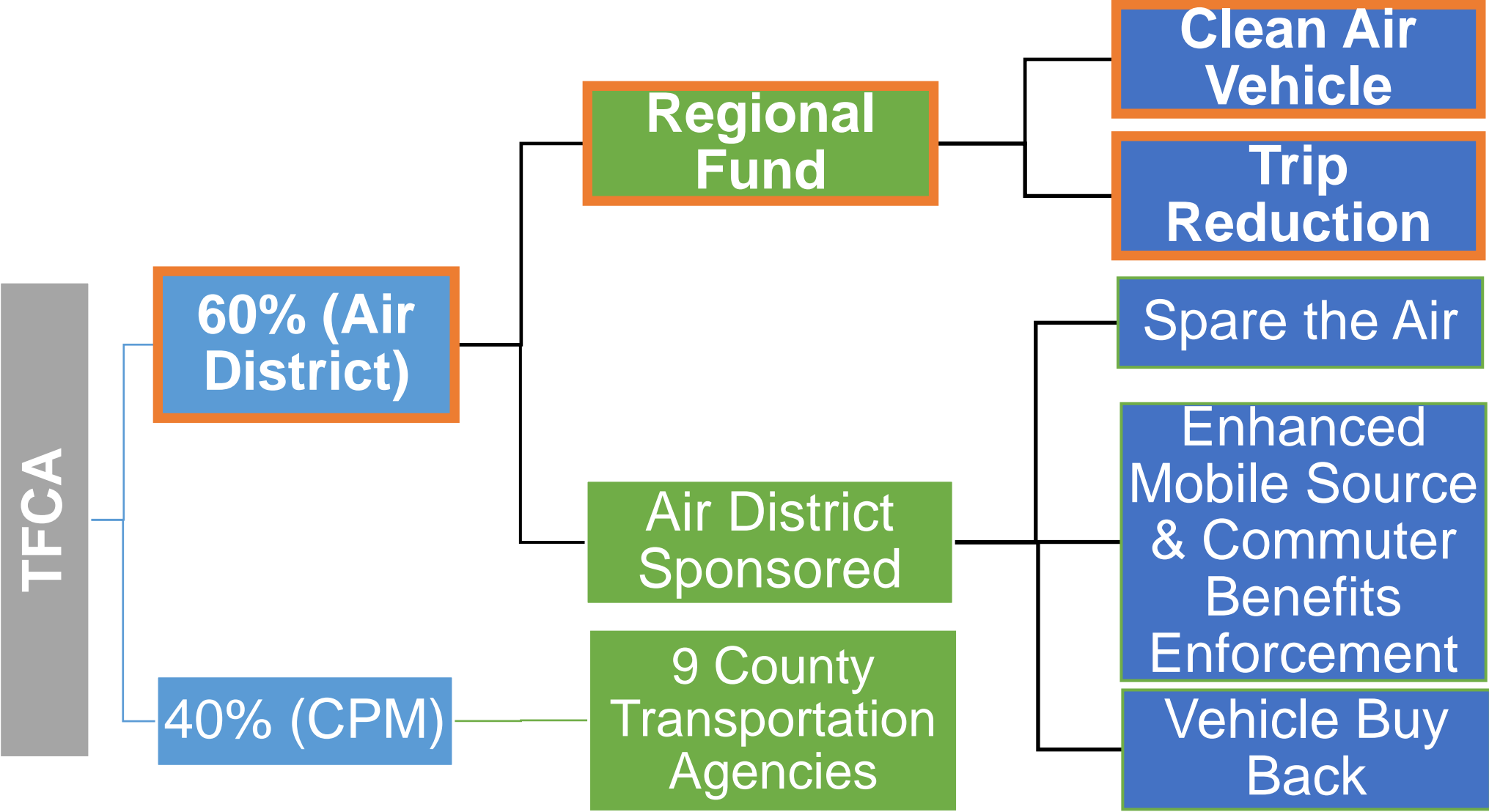
Action item for the Committee to consider recommending to the Board of Directors that they approve the proposed updates to Transportation Fund for Clean Air (TFCA) Regional Fund Policies and Evaluation Criteria for Fiscal Year Ending (FYE) 2024 presented in Attachment A.

# Presentation Outline



- Background
- Public Outreach Process
- Proposed Updates to TFCA Policies for FYE 2024
- Recommendations

# TFCA Background

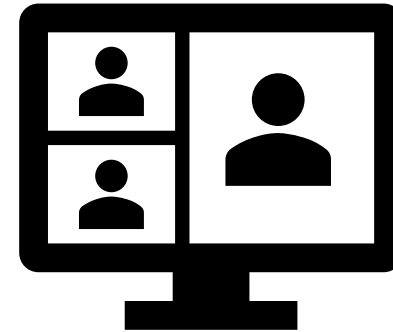


# Public Outreach Process



**Public Comment Period: January 26 to March 10, 2023**

- Email notifications:  
*1,700+ stakeholders*
- Webinar:  
February 9, 2023



# Proposed Updates



- Continue providing an additional 12 months of flexibility for grantees to start their projects (**policy #8**).
- Remove category: On-Road [Diesel] Truck Replacements and instead fund vehicle-based projects through policy #23, On-Road Zero- and Partial- Zero- Emissions Vehicles, and update policy # 2, Cost-Effectiveness, to reflect this change.
- Keep prioritizing Priority Populations as part of the evaluation criteria.

# Recommendation



Action item for the Committee to consider recommending to the Board of Directors:

Approve the proposed updates to TFCA Regional Fund Policies and Evaluation Criteria for FYE 2024 presented in Attachment A.



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AGENDA: 6

# *Charge!* Program

**Mobile Source and Climate Impacts  
Committee Meeting  
May 10, 2023**

**Ada Truong, Staff Specialist  
Technology Implementation Office  
[atruong@baaqmd.gov](mailto:atruong@baaqmd.gov)**



# Presentation Outcome



- Provide an update on electric vehicle (EV) charging infrastructure in the region.
- Provide an update on the 2023 *Charge!* Program and new recommended projects.
- Request the Committee recommend approval of the *Charge!* Program rank list and authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.

# Presentation Outline



- Technology Implementation Office & Strategic Incentives Division grants overview
- Bay Area EV charging network
- *Charge!* Program Overview
  - Fiscal Year Ending (FYE) 2023 solicitation
  - Scoring process
  - Project recommendations
- Recommendations

# Presentation Requested Action



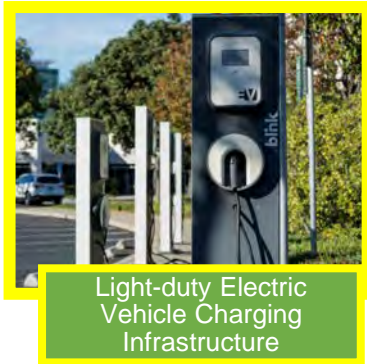
Committee to consider recommending the Board of Directors:

1. Approve the *Charge!* Program rank list and recommended projects with proposed grant awards as shown in Attachment 1; and
2. Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for recommended projects.

# Grants Overview



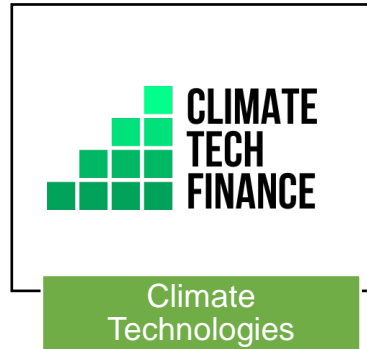
## Technology Implementation Office (TIO)



Light-duty Electric Vehicle Charging Infrastructure



Light Duty Electric Vehicles

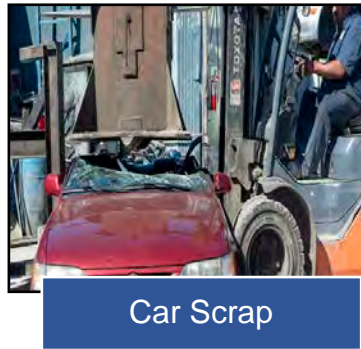


Climate Technologies



Clean Air Centers

## Strategic Incentives Division (SID)



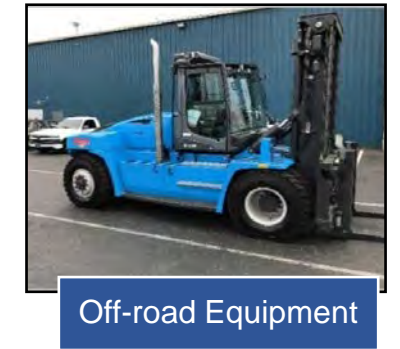
Car Scrap



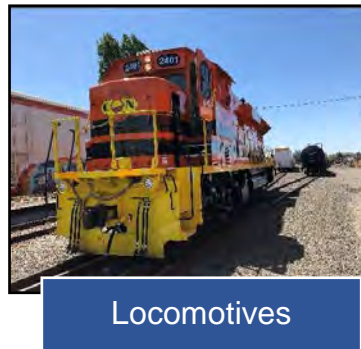
Trucks & Buses



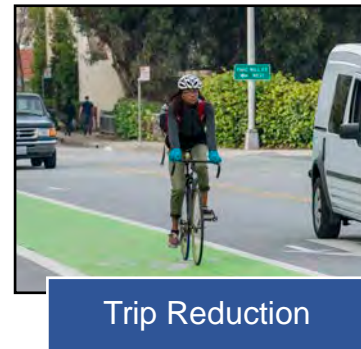
Marine Vessels



Off-road Equipment



Locomotives



Trip Reduction



Heavy-duty Charging/Fueling Infrastructure



Woodstove Replacements



# BAY AREA



## ELECTRIC VEHICLE TRENDS AND GOALS



11,830 public charging ports currently

30,000 public charging ports needed (NREL)

In 2021 5% of the Bay Area fleet were EVs, with a goal of 90% by 2050

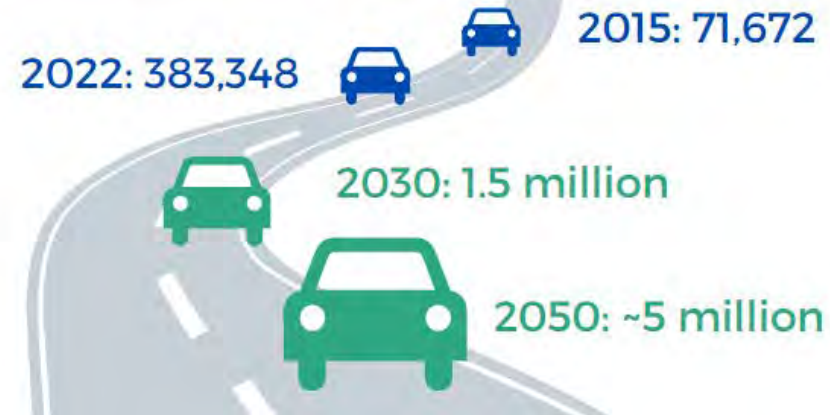
In 2022 29.8% of all new sales in CA were EVs



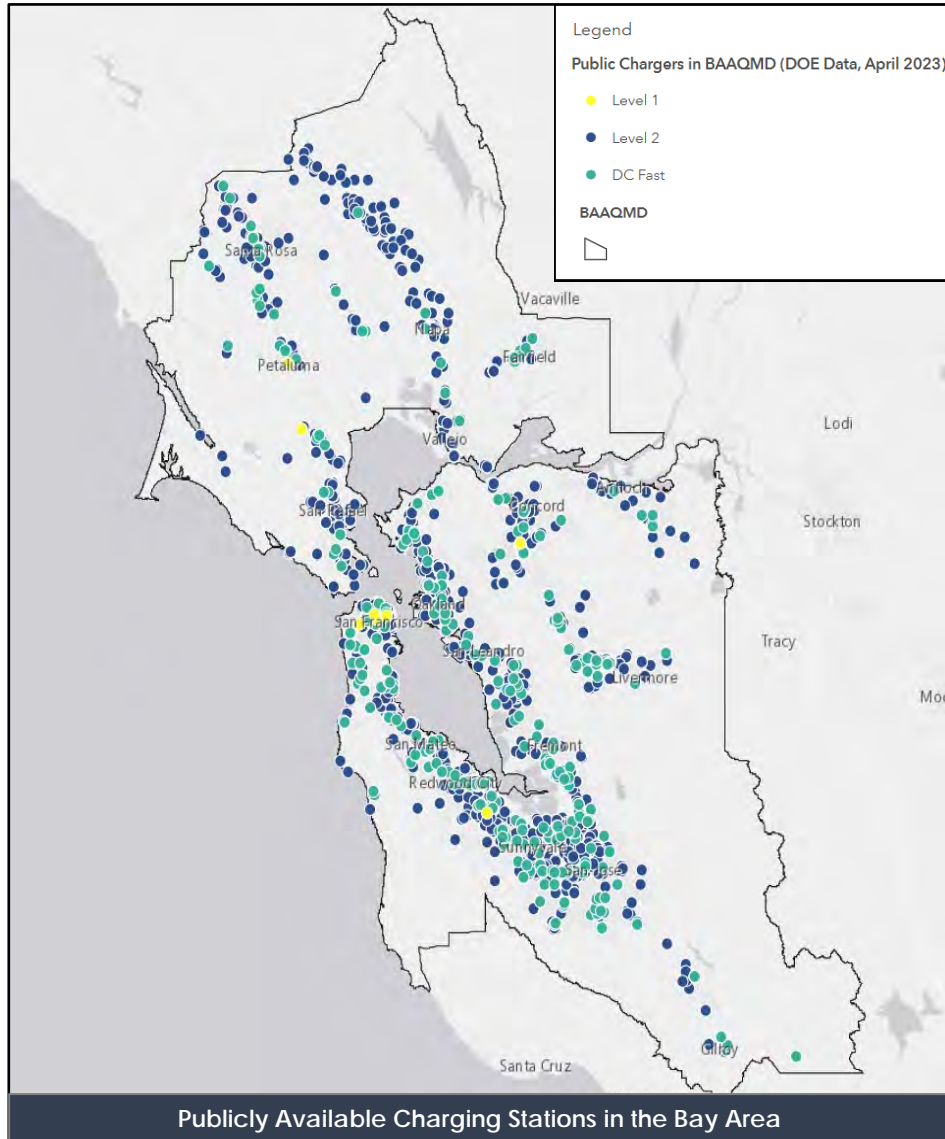
### Public charging ports



### Progress towards our EV Adoption Goals



# Existing Bay Area EV Infrastructure

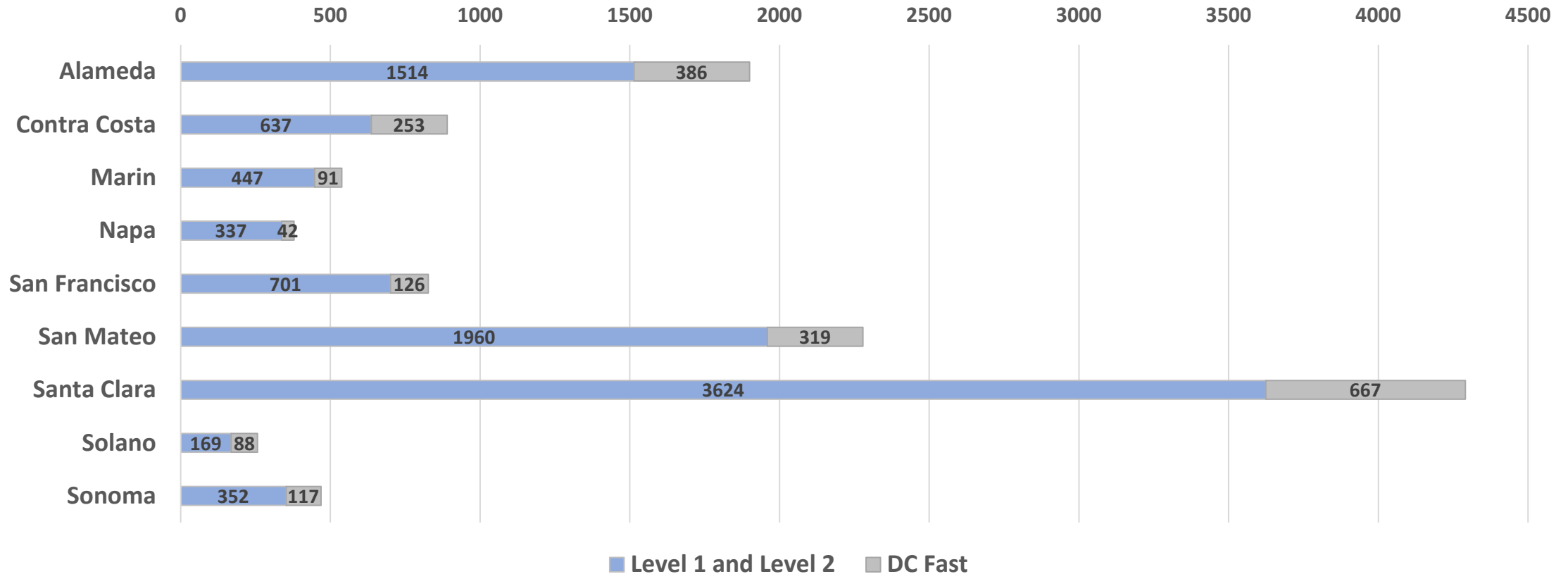


- According to the Department of Energy, there are approximately 11,803 publicly available charging ports across the Bay Area.
  - 15 Level 1 ports
  - 9,726 Level 2 ports
  - 2,089 DC Fast ports
- The California Energy Commission (CEC) reported that there were a total of 266,890 EVs registered and operating on Bay Area roads at the end of 2021.
  - 67% battery electric vehicles
  - 32% plug-in hybrid vehicles
  - 1% fuel cell electric vehicles

# Existing Bay Area EV Infrastructure (cont.)



ELECTRIC VEHICLE CHARGING PORTS BY COUNTY



- Total EV charging ports in BAAQMD as of April 2023: ~11,803
  - Source: U.S. Department of Energy's [Alternative Fuels Data Center](#)

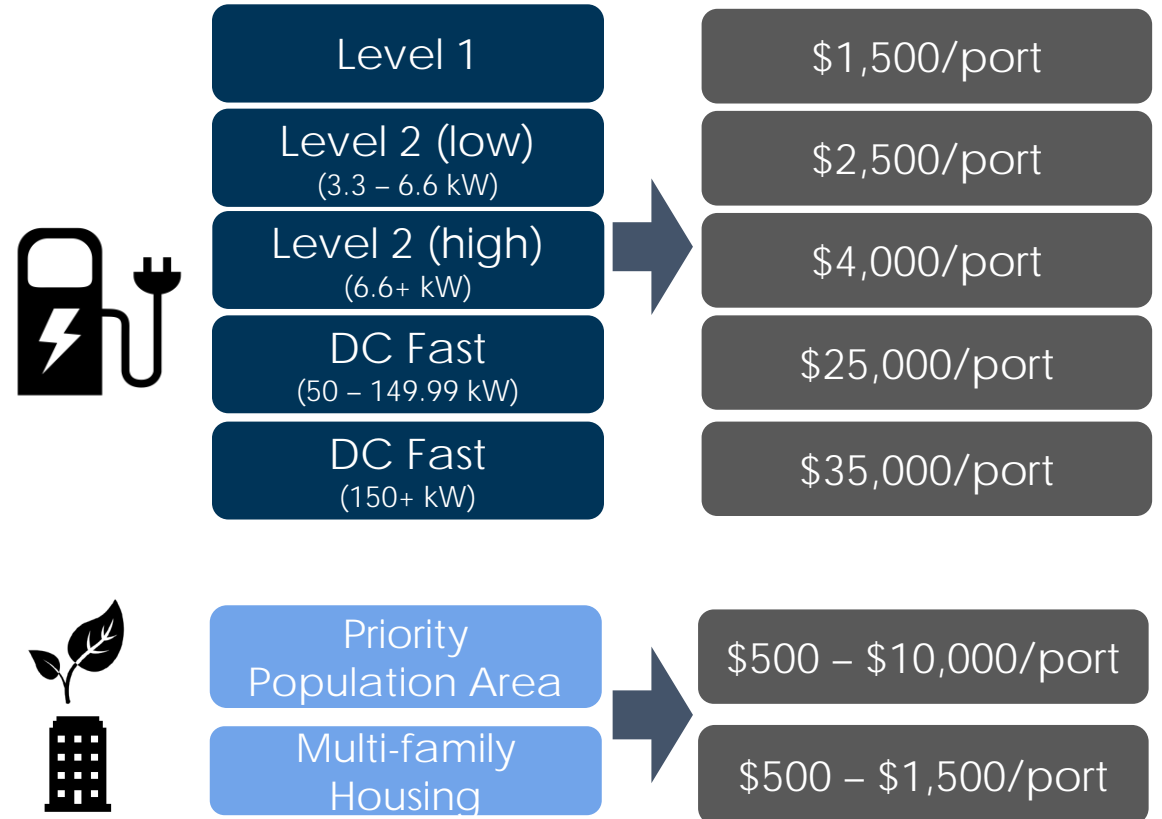




# Program Overview



- Since 2016, the *Charge!* Program has provided grant funding for publicly accessible EV charging in the Bay Area.
- Open to public agencies and private businesses.
- Charging location types:
  - Destination
  - Multi-family housing
  - Transit parking
  - Transportation corridors
  - Workplace





# FYE2023 Solicitation



- \$5M available for the FYE2023 *Charge!* Program solicitation.
  - Projects that meet all eligibility requirements may be funded with either Transportation Fund for Clean Air or other funding sources.
- Public comment period: September 14, 2022 to October 9, 2022
- Pre-application webinar: November 29, 2022
- Solicitation period: November 15, 2022 to March 3, 2023



# FYE2023 Solicitation (cont.)



- Solicitation priorities:
  - Affordable housing
  - Multi-family housing
  - Priority Population Areas
  - Regions with low EV charger density
- Competitive/ranked solicitation
  - For the FYE2023 solicitation, there are a total of 43 applications requesting ~\$20.3M in funding
  - Since the FYE2023 solicitation is oversubscribed, we are considering using other available funds to support the projects



# Application Scoring



- Scoring panel consisted of staff from the TIO.

<b>Evaluation criteria</b>	<b>Point Value</b>
<b>Project details &amp; implementation plan</b>	<b>10</b>
<b>Project benefits</b>	<b>20</b>
<b>Priorities</b>	<b>25</b>
<b>Readiness</b>	<b>15</b>
<b>Qualifications</b>	<b>10</b>
<b>Budget</b>	<b>10</b>
<b>Application completeness</b>	<b>10</b>
<b>Total Points Possible</b>	<b>100</b>



# FYE2023 Program Summary



- There are 43 eligible projects requesting \$20.3M to install 1,770 charging ports at 156 facilities.
  - Goal is to award a minimum of 60% of total available funding to projects in Priority Population Areas (e.g., disadvantaged communities, low-income communities, buffer regions)
  - Approximately \$18.4M (90%) of \$20.3M requested funds support projects located in Priority Population Areas
- Fund projects in the rank list order based on funding eligibility and availability.
- Rank list and project information can be found in the Attachments 1 and 2 of the staff report.

## Charging Port Types

- Level 1: 145
- Level 2 : 1,297
- DC Fast: 328

## Facility Types

- Destination: 27
- Multi-family housing: 64
- Transit parking: 4
- Transportation Corridor: 25
- Workplace: 36

# Requested Action



## Committee to consider recommending to the Board of Directors:

1. Approve the *Charge!* Program rank list and recommended projects with proposed grant awards as shown in Attachment 1; and
2. Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.