



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

**AGENDA: 3**

# **Projects and Contracts with Proposed Awards over \$100,000**

**Mobile Source and Climate Impacts Committee Meeting  
April 22, 2021**

**Adam Shapiro, Supervising Staff Specialist  
Strategic Incentives Division  
[AShapiro@baaqmd.gov](mailto:AShapiro@baaqmd.gov)**

# Outcome



Provide status update of grant funds awarded since July 1, 2020, and information about new recommended awards.

Also obtain Committee's recommendation for the proposed projects, for an authorizing resolution, and for approval to accept, obligate, and expend funds from the Alameda County Transportation Commission.

# Outline



- Background
- Proposed projects with awards over \$100,000
- Status of incentive funding
  - Revenue sources
  - Community benefits & project locations
- Recommendations

# Requested Action



## Recommend the Board of Directors:

1. Approve recommended projects with proposed grant awards over \$100,000 as shown in Attachment 1;
2. Approve the acceptance, obligation, and expenditure of up to \$3,640,000 from the Alameda County Transportation Commission (ACTC) that will be provided to the Air District to use as matching funds for project 21R07;
3. Adopt a resolution authorizing the Air District award of Transportation Fund for Clean Air (TFCA) and ACTC funds in support of the Center for Transportation and the Environment's project 21R07; and
4. Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.

# CMP/MSIF, CAPP, and FARMER



Carl Moyer  
Program  
**(CMP)**

Funding Agricultural  
Replacement Measures  
for Emission  
Reductions **(FARMER)**

Community Air  
Protection Program  
**(CAPP)**

Mobile Source  
Incentive  
Fund  
**(MSIF)**

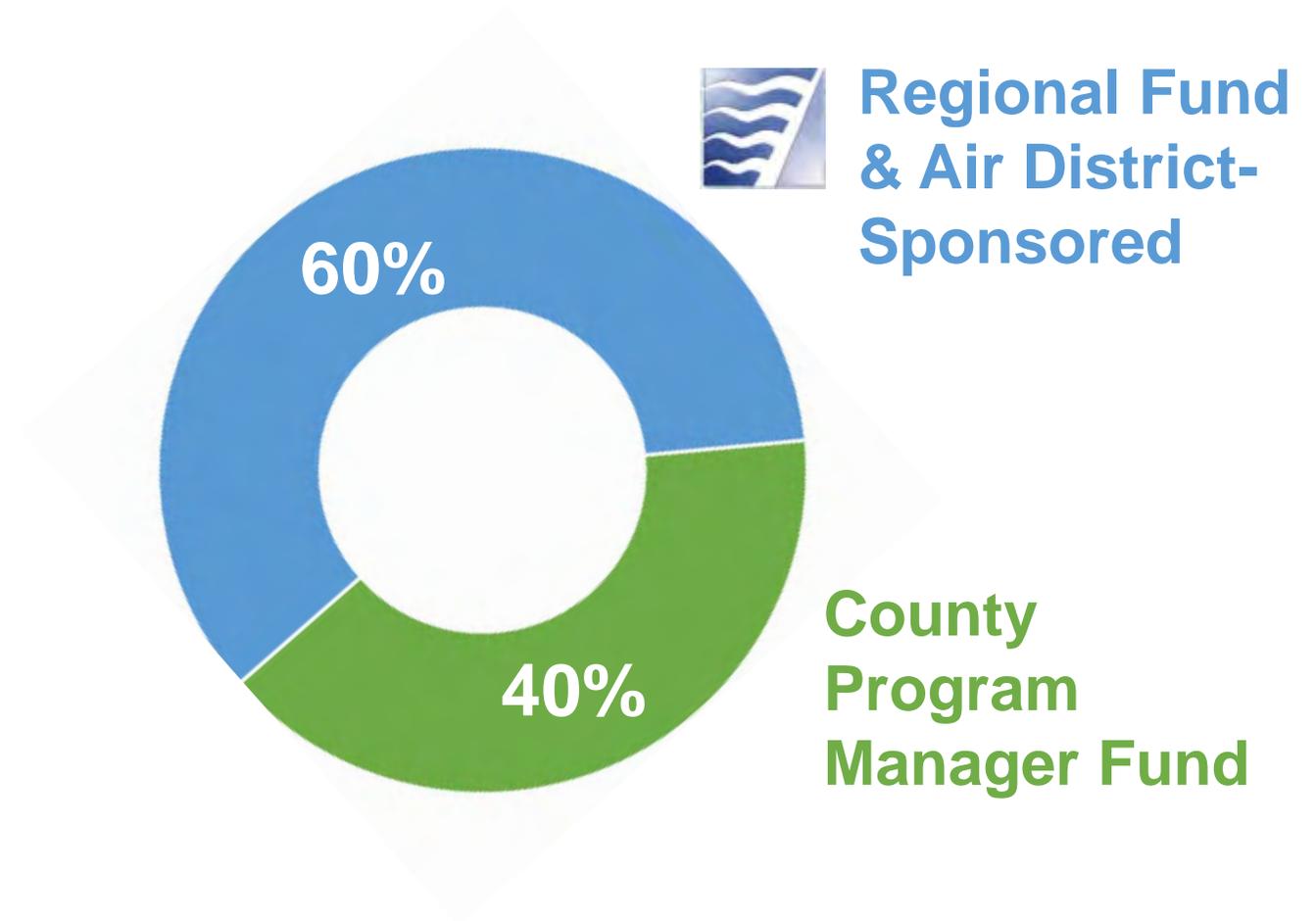
California Air Resources Board  
**\$30 million**

DMV Fees  
**\$12 million**

# Transportation Fund for Clean Air (TFCA)



- Statutory authority set forth in California Health and Safety Code Sections 44241 and 44242
- Funding provided by a \$4 surcharge on motor vehicles



# CMP/MSIF, CAPP, and FARMER



- **Recommend \$4,206,270 in awards for five projects** to replace 10 pieces of diesel-powered:
  - ✓ agricultural equipment
  - ✓ marine vessel
  - ✓ school buses
- **Emissions Reductions**
  - ✓ Over 21.4 tons per year of criteria pollutants





- **Recommend \$7,000,000 in award to one project to deploy 30 new zero-emission hydrogen fuel cell Class 8 trucks**

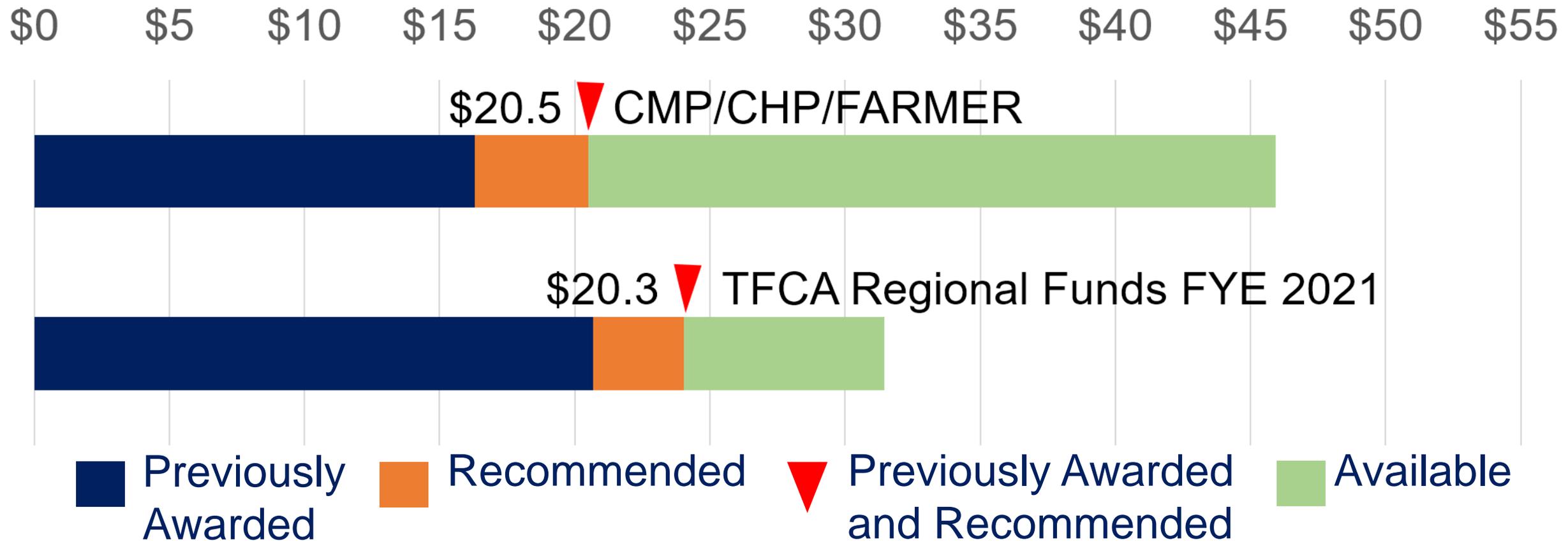
<b>Total Project Cost</b>	<b>\$54,581,953</b>
<b>TFCA Award</b>	<b>\$3,360,000</b>
<b>Alameda County Transportation Commission (ACTC) match funding</b>	<b>\$3,640,000</b>
<b>Total Award (TFCA and ACTC)</b>	<b>\$7,000,000</b>

- **Emissions Reductions**

- ✓ Over 2.29 tons per year of criteria pollutants



# Incentive Funding Awarded & Recommended Since July 2020 by Revenue Source (in Millions)



# Funds Awarded & Recommended Since July 2020 by Project Category (in Millions)



**Total = ~\$44 M**

**List of projects is shown in Attachments 2 & 3**



**Light-duty  
Cars &  
Infrastructure**

**On-road  
Trucks &  
Buses**

**School  
Buses**

**Off-road**

**Off-road  
Marine &  
Rail**

**Trip  
Reduction**

**\$11.3**

**\$8.1**

**\$3.2**

**\$8**

**\$8.7**

**\$4.7**

# Funds Awarded & Recommended Since July 2020 (in Millions)



**Sonoma**  
\$3.9, 8.8%

**Napa**  
\$3.4, 7.6%

**Marin**  
\$1.1, 2.5%

**Solano**  
\$3.7, 8.5%

**San Francisco**  
\$1.1, 2.6%

**Contra Costa**  
\$7.3, 16.5%

**San Mateo**  
\$3.8, 8.7%

**Alameda**  
\$11.8, 26.7%

**Santa Clara**  
\$8.0, 18.1%

**~\$44  
Million  
Awarded**



**~80% to CARE areas,  
disadvantaged and low-  
income communities,  
and low-income  
residents**

# Feedback Requested/Prompt



## Recommend the Board of Directors:

1. Approve recommended projects with proposed grant awards over \$100,000 as shown in Attachment 1;
2. Approve the acceptance, obligation, and expenditure of up to \$3,640,000 from the Alameda County Transportation Commission (ACTC) that will be provided to the Air District to use as matching funds for project 21R07;
3. Adopt a resolution authorizing the Air District award of Transportation Fund for Clean Air (TFCA) and ACTC funds in support of the Center for Transportation and the Environment's project 21R07; and
4. Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

AGENDA: 4

# Transportation Fund for Clean Air Program Audit #21 Results

Mobile Source and Climate Impacts  
Committee Meeting  
April 22, 2021

Ken Mak  
Supervising Staff Specialist  
[kmak@baaqmd.gov](mailto:kmak@baaqmd.gov)

# Outcome



- Provide information on Audit 21 and respond to questions

# Outline



- Background
- Audit #21
  - Scope
  - Results
- Next Steps

# Requested Action



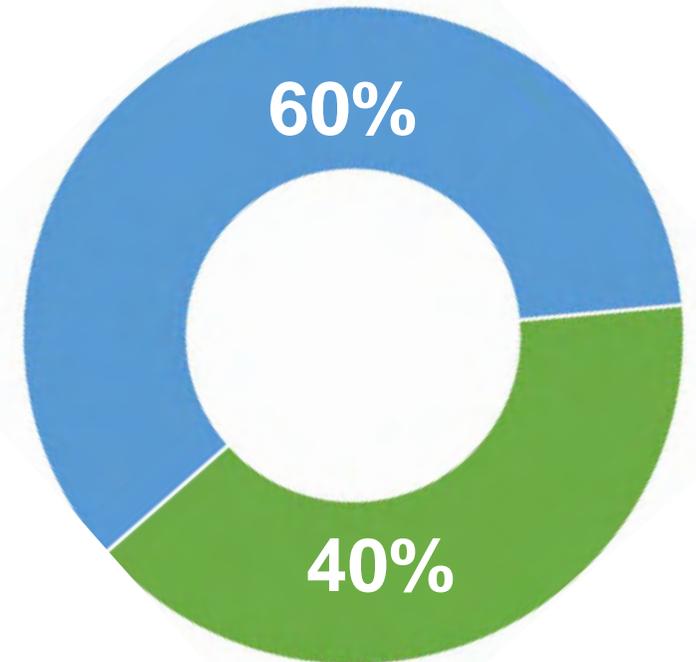
- None. Informational item only.

# Background

## Transportation Fund for Clean Air (TFCA)



- Authorized by CA Health and Safety Code §44241 and § 44242 to collect \$4 surcharge on motor vehicles
- Requires fiscal audit of all funded projects & programs ***at least once every two years***
- Board approved contract with Simpson & Simpson, LLP for independent audit services on October 4, 2017



# Audit #21 Scope



Review of all projects & programs completed prior to June 30, 2019

✓ Financial & Compliance Audits

**60% TFCA**

**Four (4) Air District-sponsored programs**

(Regional Fund projects completed and presented in December 2020)



**40% TFCA**

**100 County Program Manager Fund projects**



# Audit #21 Results



## Results:

- audited expenditures ~ \$21 million

**60% TFCA**  
**No findings**



**40% TFCA**  
**1 compliance finding**



# Contra Costa Transportation Authority (CCTA): 18CC00



## TFCA County Program Manager Fund

**18CC00** is an administration budget for CCTA to administer the CPM program in Contra Costa County



# Contra Costa Transportation Authority 18CC00



**Background:** Historically, CCTA has a payroll system that allocates time to specific programs and departments on an annual basis based on strictly reviewed estimates and then charged over a 26 pay period fiscal year.

**Issue:** Due to method of accounting of payroll, auditors were unable to audit 18CC00.

**Resolution:** In December 2020, CCTA began using timecards for payroll to be able to comply with audit requirements and remain in good standing.

# Next Steps



## Review results from Agreed-Upon Procedures

- Further refine contractual requirements
- Continue to improve communications with project sponsors and County Program Managers regarding contractual requirements and audit process



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

AGENDA: 5

# Transportation Fund for Clean Air County Program Manager Expenditure Plans for Fiscal Year Ending 2022

Mobile Source and Climate Impacts  
Committee Meeting  
April 22, 2021

Hannah Cha  
Staff Specialist  
[hcha@baaqmd.gov](mailto:hcha@baaqmd.gov)

# Outcome



- Improve understanding of the County Program Manager and process for approving Expenditure Plans
- Obtain Committee's support to forward this recommendation for allocation of the new Transportation Fund for Clean Air revenue to the full Board of Directors for approval

# Outline



- Background
- Fiscal Year Ending (FYE) 2022 Transportation Fund for Clean Air (TFCA) County Program Manager (CPM) Expenditure Plans
- Recommended Actions

# Requested Actions



## Recommend the Board of Directors:

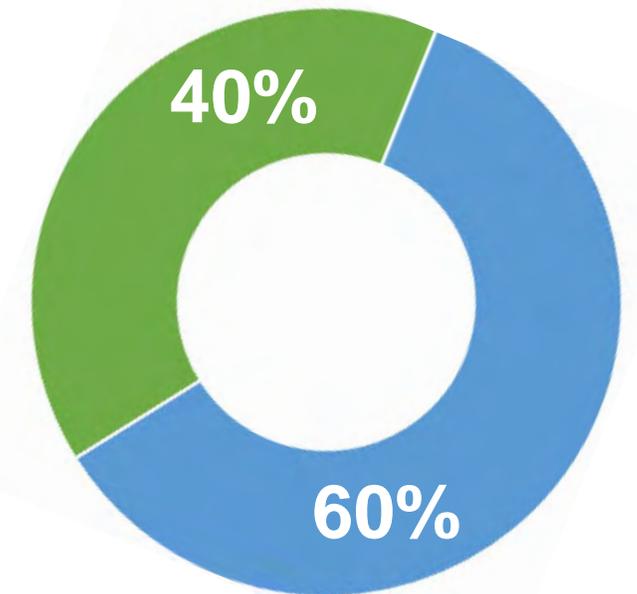
1. Approve the allocation of new TFCA revenue to each of the nine County Program Managers for FYE 2022, as listed in Column A of Table 1; and
2. Authorize the Executive Officer/APCO to enter into funding agreements with the CPMs for TFCA revenues to be programmed in FYE 2022 as listed in Column C of Table 1.

# Background Transportation Fund for Clean Air (TFCA)



- Authorized by CA Health and Safety Code §44241 and § 44242
- Funding provided by \$4 surcharge on motor vehicles
- 40% of TFCA monies pass through to nine county CPMs
- CPM policies & cost-effectiveness criteria adopted by the Air District Board annually (for FYE 2022 on 11/18/20)

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 6 months of Air District Board's approval of expenditure plan
- CPM policies & cost-effectiveness criteria adopted by the Air District Board annually (for FYE 2022 on 11/18/20)



# Proposed Allocation for CPMs in FYE 2022



	A	B	C
County Program Manager	Estimated New TFCA Revenue	Reprogrammed TFCA Funds	Total FYE 2022 TFCA Funds
Alameda County Transportation Commission	\$1,907,600	\$488,347	\$2,395,947
Contra Costa Transportation Authority	\$1,541,700	\$110,838	\$1,652,538
Transportation Authority of Marin	\$335,800	\$21,146	\$356,946
Napa Valley Transportation Authority	\$191,700	\$15,489	\$207,189
San Francisco County Transportation Authority	\$672,700	\$101,754	\$774,454
San Mateo City/County Association of Governments	\$1,055,800	\$193,328	\$1,249,128
Santa Clara Valley Transportation Authority	\$2,362,600	\$531,044	\$2,893,644
Solano Transportation Authority	\$376,200	\$10,956	\$387,156
Sonoma County Transportation Authority	\$542,900	\$13,262	\$556,162
<b>TOTAL</b>	<b>\$8,987,000</b>	<b>\$1,486,164</b>	<b>\$10,473,164</b>

# Feedback Requested/Prompt



## Recommend the Board of Directors:

1. Approve the allocation of new TFCOA revenue to each of the nine County Program Managers for FYE 2022, as listed in Column A of Table 1; and
2. Authorize the Executive Officer/APCO to enter into funding agreements with the CPMs for TFCOA revenues to be programmed in FYE 2022 as listed in Column C of Table 1.



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

**AGENDA: 6**

# **Clean Cars for All (CCFA) Program Funding**

**Mobile Source and Climate Impacts  
Committee Meeting  
April 22, 2021**

**Tin Le  
Supervising Staff Specialist  
[tle@baaqmd.gov](mailto:tle@baaqmd.gov)**

# Outcome



- Provide an update on the Clean Cars for All (CCFA) Program
- Obtain Committee's support and approval to forward the recommendation to accept an additional \$3 Million in CA Air Resources Board (CARB) funding to the full Board Directors for approval

# Requested Actions



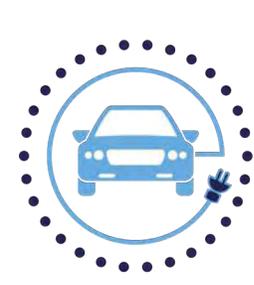
## Recommend the Board of Directors:

- Adopt a resolution authorizing the Executive Officer/APCO to accept, obligate, and expend up to \$3 million from the California Air Resources Board for the Bay Area Clean Cars for All Program; and
- Authorize the Executive Officer/APCO to enter into all agreements necessary to accept, obligate, and expend this funding.

# Outline



- Clean Cars for All background and update
- New funding
- Recommended Actions

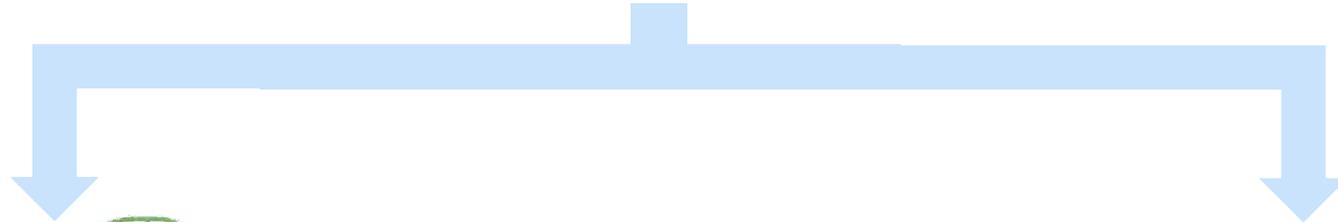


# CLEAN CARS FOR ALL

# Program Overview



**Low-income residents\* who turn in an older vehicle**



## Advanced Technology

- Purchase or lease
- Hybrid, plug-in hybrid, electric vehicle, fuel cell electric vehicle
- Home charger or portable charger & public charging for plug-in and electric vehicles



## Mobility Options

- Public Transit Card (PEX Visa)
  - Clipper, bike sharing
- Electric bicycles
- Carsharing (future option)

\* ≤400% Federal Poverty Level



# CLEAN CARS FOR ALL

## Program Funding



- **2018**
  - \$5 Million (M) in CA Climate Investment (CCI) funds
- **2019**
  - \$5M in Volkswagen Mitigation funding
- **2020**
  - \$4M in CCI funds
  - \$10M in Transportation Fund for Clean Air (TFCA) funds
- **2021**
  - *\$3M in AQIP funding from CARB - Proposed*
  - *2021 CA Budget allocation - TBD*

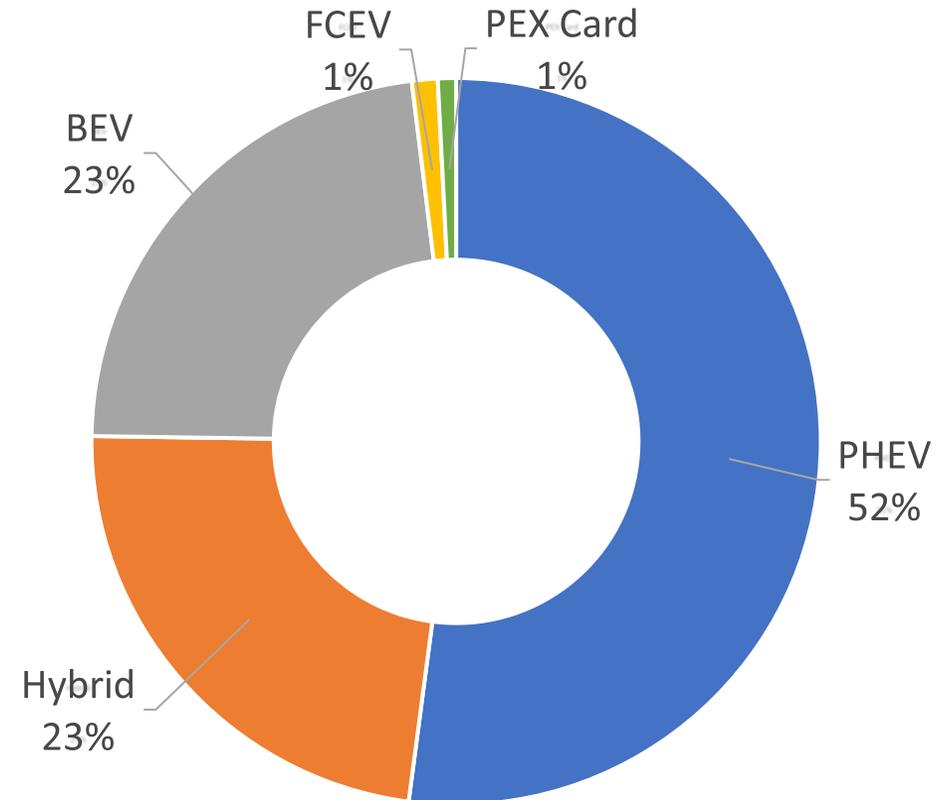


# CLEAN CARS FOR ALL

## Application Trends



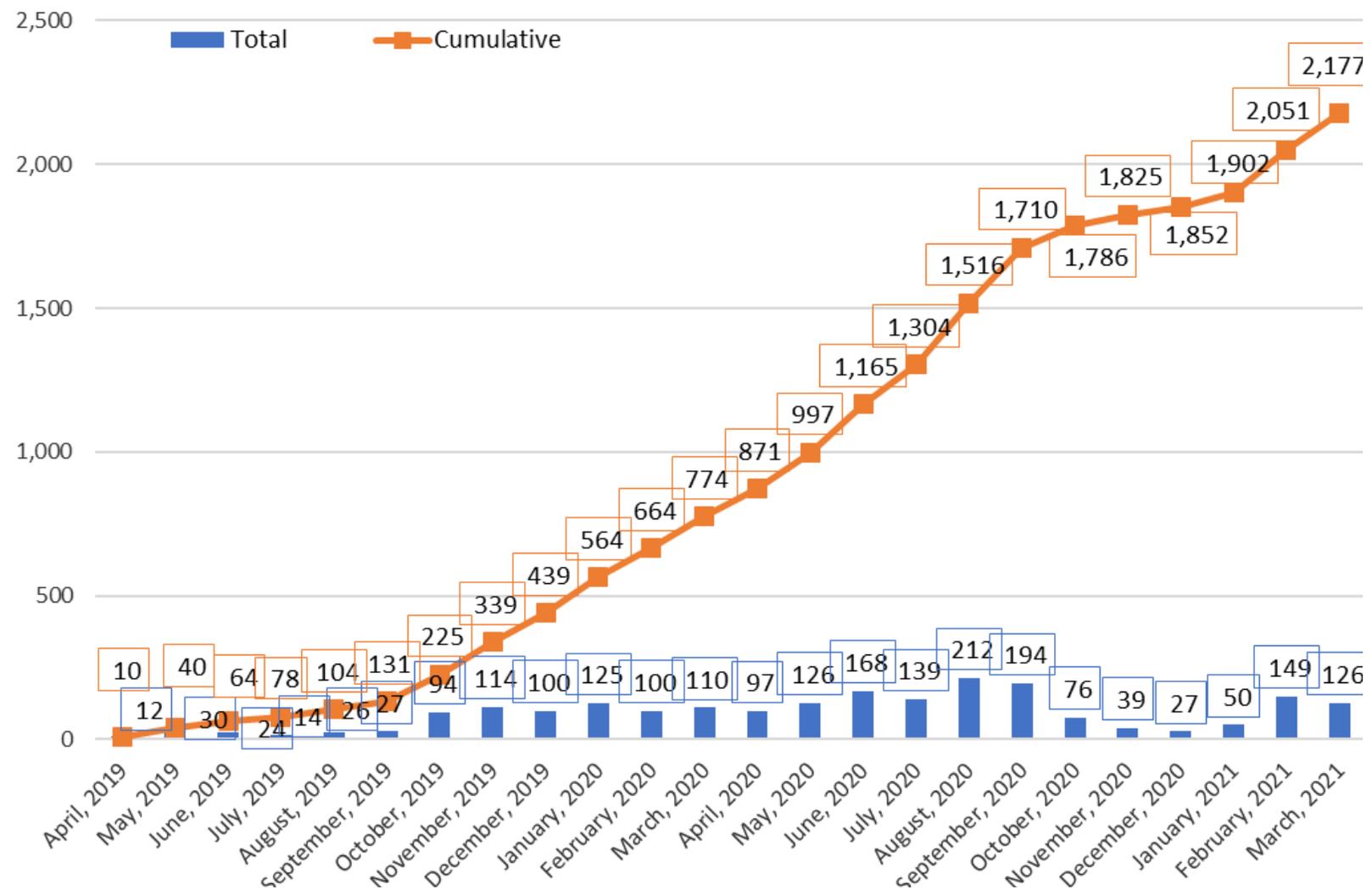
- Started in March 2019
- Program budget - \$20.4M
  - CARB, VW, TFCA
- Awarded
  - \$14.25M
  - 1,768 grantees
- 57% in Disadvantaged communities
- Program is open

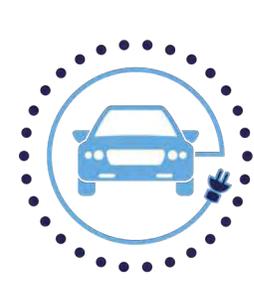




# CLEAN CARS FOR ALL

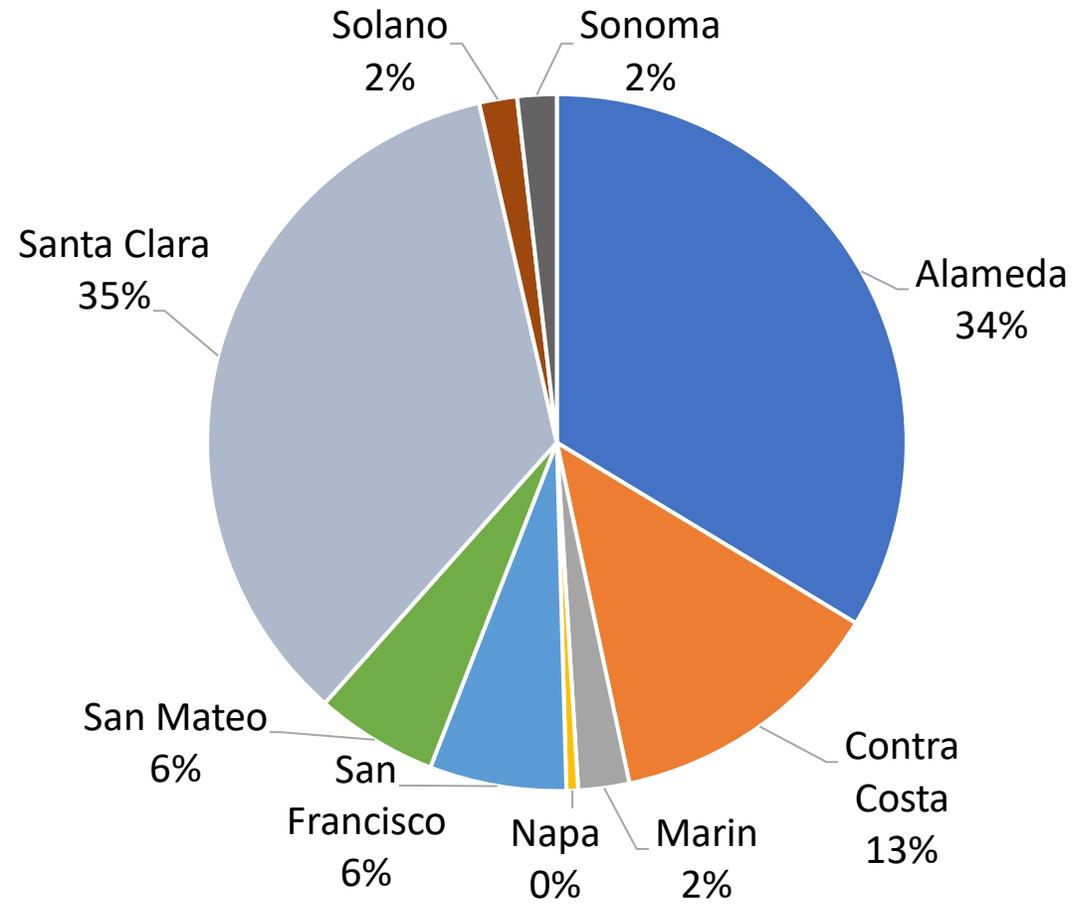
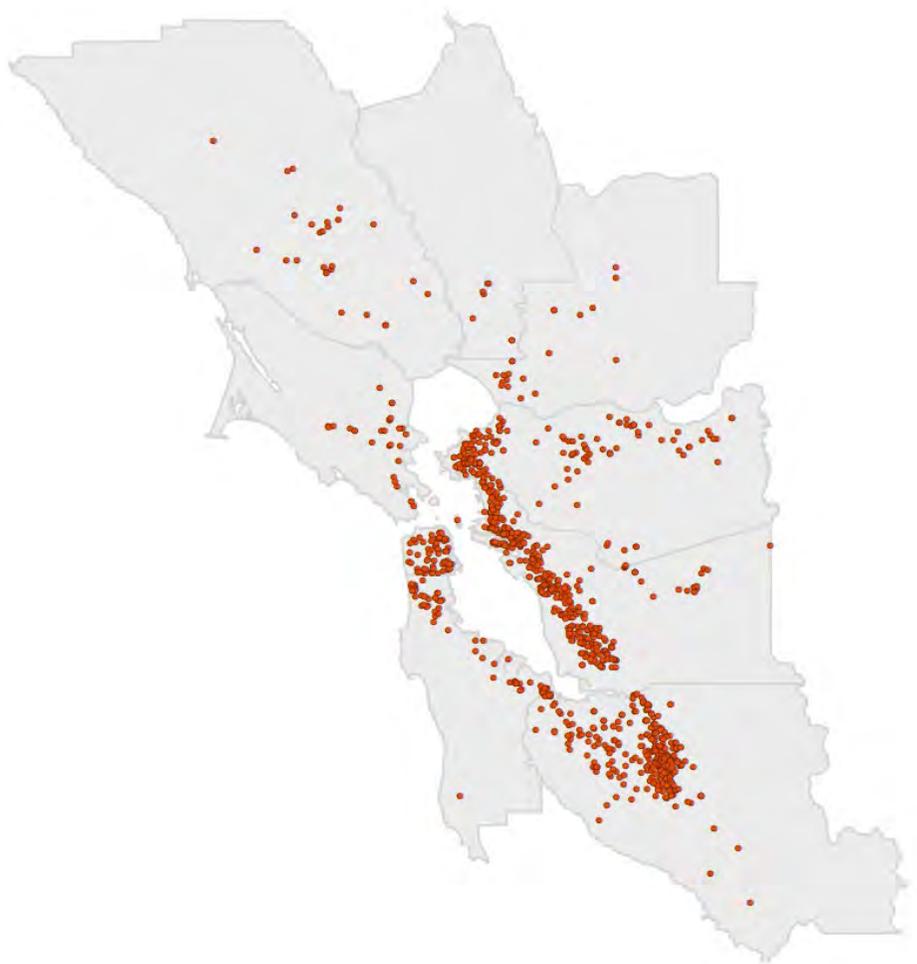
# Application Trends





# CLEAN CARS FOR ALL

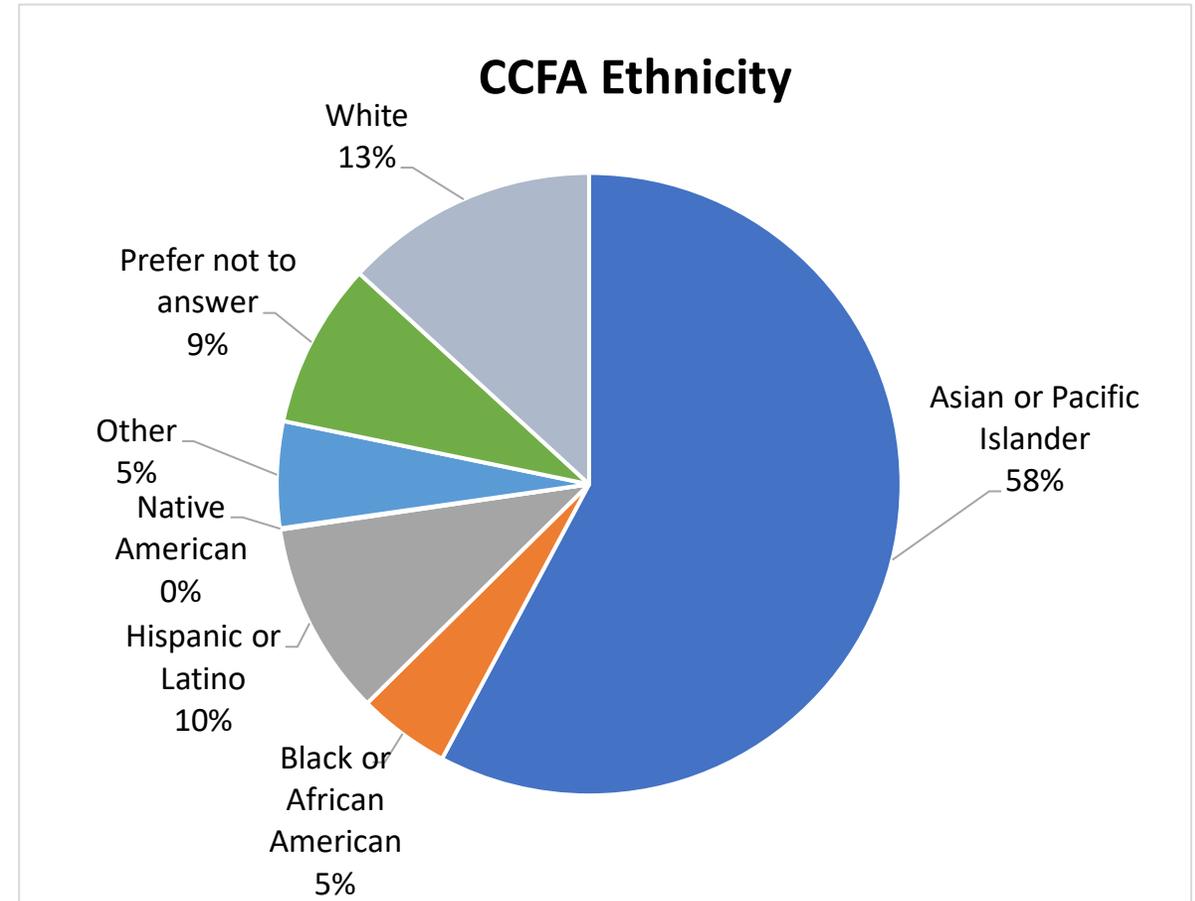
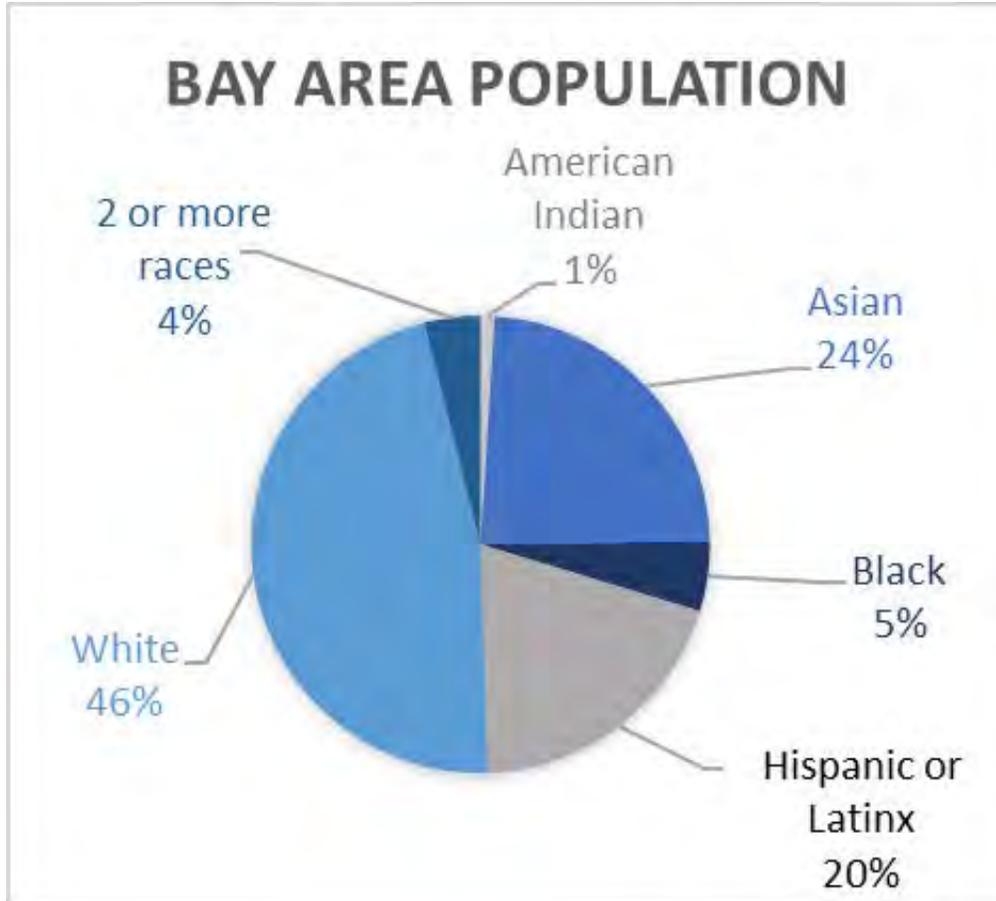
# Geographic Distribution





# CLEAN CARS FOR ALL

# Participant Ethnicity





# CLEAN CARS FOR ALL

## New Funding



- In January 2021, CARB notified the Air District that \$3 million in Air Quality Improvement Program (AQIP) funds are available for the CCFA program

# Requested Actions



## Recommend the Board of Directors:

- Adopt a resolution authorizing the Executive Officer/APCO to accept, obligate, and expend up to \$3 million from the California Air Resources Board for the Bay Area Clean Cars for All Program; and
- Authorize the Executive Officer/APCO to enter into all agreements necessary to accept, obligate, and expend this funding.