



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

AGENDA: 3

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

**Mobile Source Committee Meeting
June 18, 2020**

**Karen Schkolnick
Director, Strategic Incentives**

Overview



- Background
- Proposed projects with awards over \$100,000
- Incentive funding status update
 - Funding by revenue source
 - Awards by project type and county
- Recommended Actions

CMP/MSIF, CHP, and FARMER



Carl Moyer Program (CMP)

Mobile Source Incentive Fund (MSIF)

Community Health Protection (CHP)

Funding Agricultural Replacement Measures for Emission Reductions (FARMER)

- Created in 1998
- Administered in partnership with California Air Resources Board (CARB)

- Assembly Bill (AB) 923 (2004)
- Additional \$2 motor vehicle registration fee surcharge

- Senate Bill (SB) 856 (2018)

- FARMER established by CARB in 2018

CMP/MSIF, CHP, and FARMER Project Recommendations over \$100k



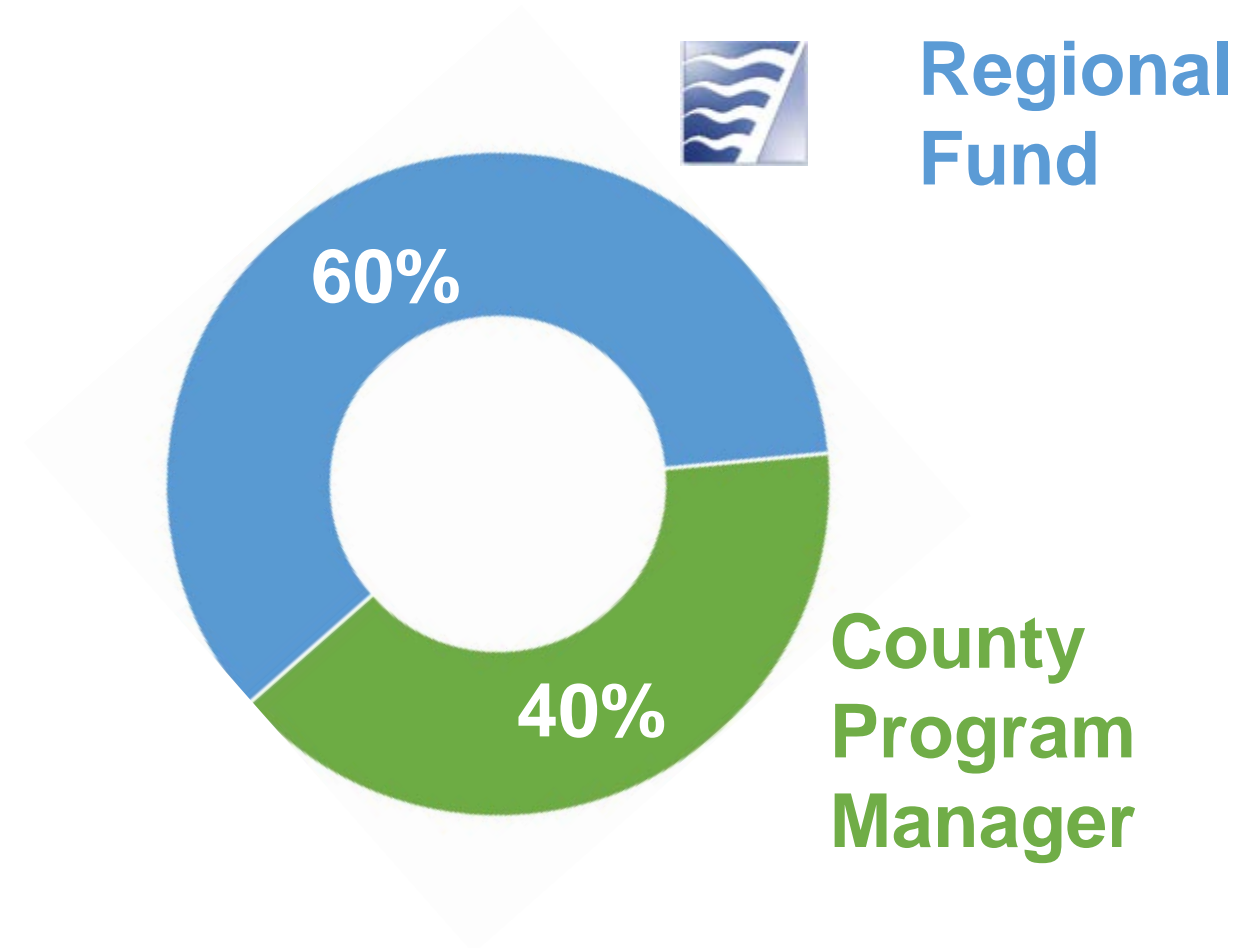
- **Recommend \$450,230 in awards for two (2) projects to:**
 - Replace five (5) pieces of mobile, diesel powered agricultural equipment
- **Emissions Reductions**
 - Over 2.02 tons per year (TPY) of criteria pollutants



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



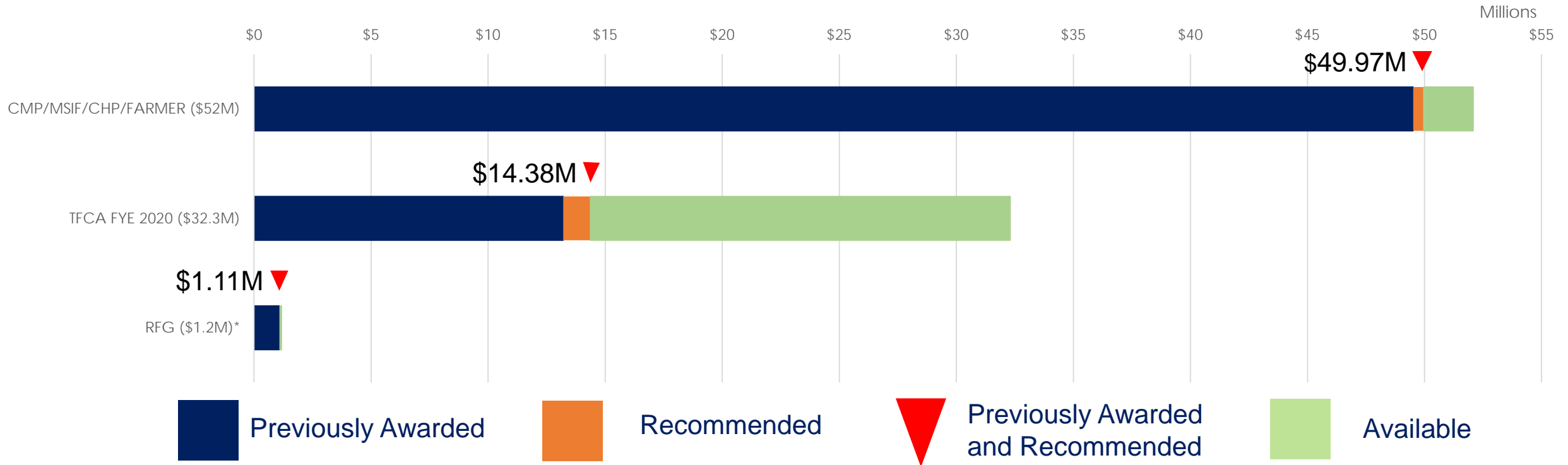


Project Recommendations over \$100k

- **Recommend \$1,171,000 in awards for two (2) projects to:**
 - Upgrade 12.6 miles of Class II to Class IV bikeway
 - Install 520 electronic bicycle locker spaces
- **Emissions Reductions**
 - Over 0.566 TPY of criteria pollutants



Incentive Funding Awarded & Recommended Since July 2019, by Funding Source in Millions (M)







* Includes awards from FYE 2019

Incentive Funding Awarded & Recommended by Project Category Since July 2019



Total = ~\$65 M*

List of projects is shown in Attachments 2 & 3

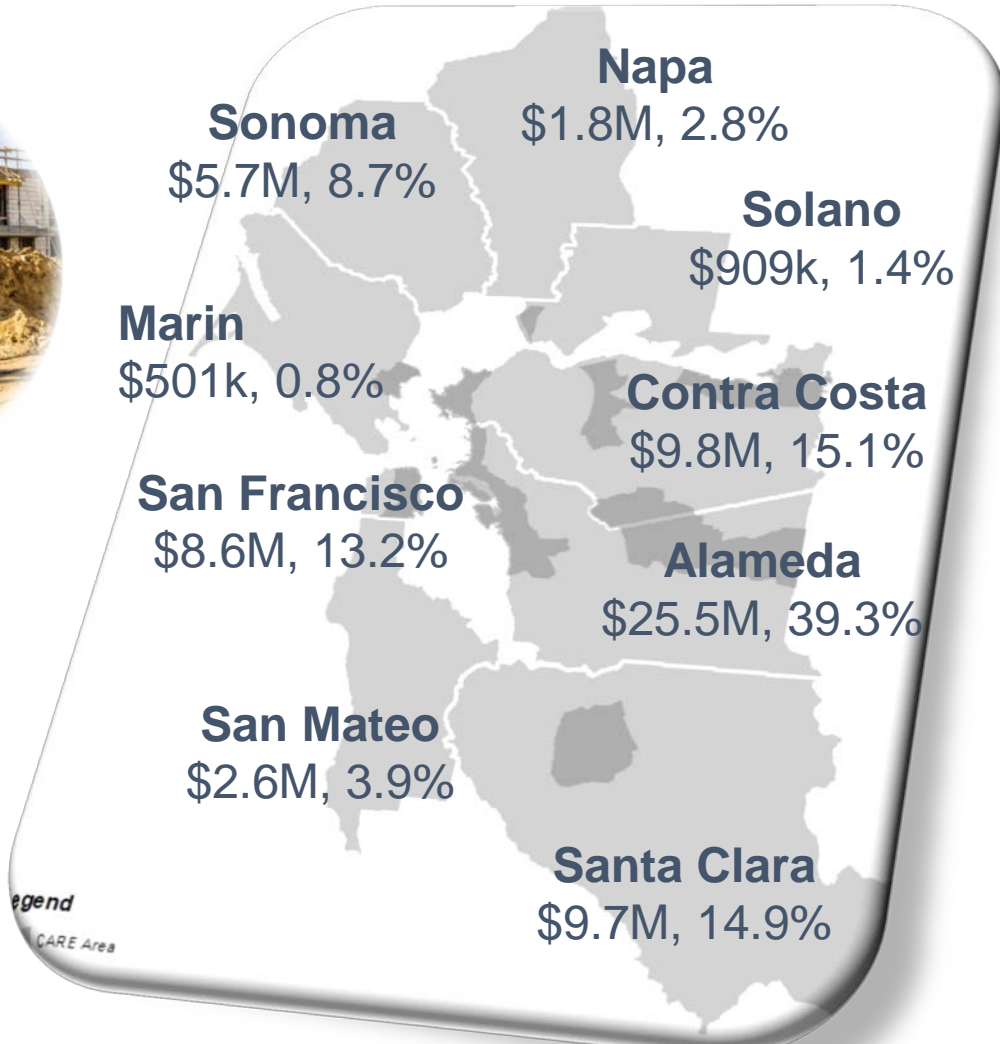
					
Light-duty Cars & Infrastructure	On-road Trucks & Buses	School Buses	Off-road	Off-road Marine & Locomotive	Trip Reduction
\$5.8 M	\$15.1 M	\$12.0 M	Ag: \$5.7 M Non-Ag: \$6.6 M	\$12.5 M	\$7.8 M

*Includes awards from CMP/MSIF/CHP/FARMER, TFCA Regional Fund, and RFG

Mobile Source Committee Meeting
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Bay Area Air Quality Management District

Incentive Funding Awarded & Recommended by County Since July 2019



List of projects is shown in Attachments 2 & 3

Total = \$~65 M*



* Includes awards from CMP/MSIF/CHP/FARMER, TFCA Regional Fund, and RFG

Status of Solicitations



Program Name, Description, and Website	Status	Revenue Source
Carl Moyer Funding to replace heavy-duty on- & off-road vehicles and equipment, marine engines, and locomotives www.baaqmd.gov/moyer	Open	CMP, MSIF, CHP, FARMER
Community Health Protection Grant Program Funding to replace old, high-polluting vehicles and equipment www.baaqmd.gov/ab617grants	Open	California Climate Investments
Lower-Emission School Bus Program Funding for bus replacements, engine repowers or electric conversions, natural gas tank replacements, and electric charging & alternative fueling infrastructure projects www.baaqmd.gov/lesbp	Open	CMP, MSIF, CHP
Vehicle Buy Back Program Funding to scrap 1996 and older vehicles and equipment www.baaqmd.gov/vbb	Open	MSIF
Clean Cars for All Funding for low-income owners to retire and replace their vehicles with a cleaner option www.baaqmd.gov/cleancarsforall	Open	California Climate Investments
High Mileage Fleet Program (up to \$5,000) to purchase or lease new zero-emission light-duty vehicles https://www.baaqmd.gov/funding-and-incentives/businesses-and-fleets/light-duty-pev-program	Open	TFCA
Climate Tech Finance Program Subsidized financing to help Bay Area facilities adopt emerging technologies that reduce greenhouse gas emissions www.baaqmd.gov/ctf	Open	Ibank

Recommended Actions



Recommend the Board of Directors:

1. Approve recommended projects with proposed grant awards over \$100,000 as shown in Attachment 1; and
2. Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.



BAY AREA
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AGENDA: 4

Revise Allocation of Fiscal Year Ending (FYE) 2021 Transportation Fund for Clean Air (TFCA) Funding

Mobile Source Committee Meeting
June 18, 2020

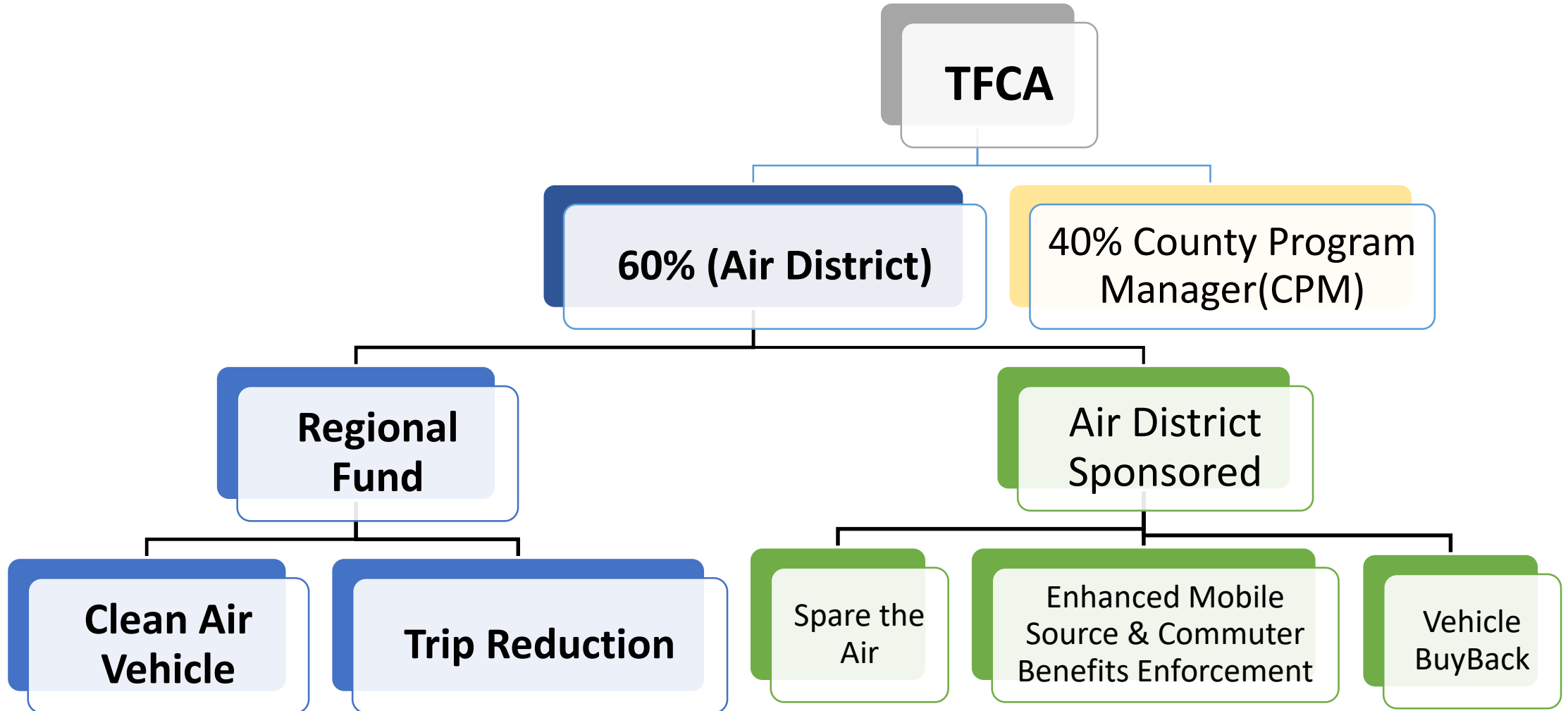
Karen Schkolnick
Director, Strategic Incentives

Overview



- Background
- Proposed changes to FYE 2021
 - Increase Funding Allocation
 - Change Cost-Effectiveness limits
- Recommended Actions

TFCA Background



Board-Approved FYE 2021 Funding Allocation



Program Categories	Approved Funds* (in millions)
Trip Reduction	\$8.00
Clean Air Vehicles	\$15.00
Spare the Air	\$2.29
Enhanced Mobile Source Inspections & Commuter Benefits	\$0.15
Vehicle Buy Back	\$0.30
Sub-Total Funding for Projects and Programs	\$25.74
Admin & Audit	\$1.80
Total	\$27.53

* If a program category is undersubscribed, the Executive Officer/APCO may reallocate up to 20% of each program category's allocation to other categories based on demand, cost-effectiveness, and technology availability.

Clean Air Vehicles (Clean Cars for All)



Low-income residents* in communities disproportionately burdened by pollution** who turn in 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 and carsharing (future options)

* ≤400% Federal Poverty Level

** CalEnviroScreen 3.0

Clean Cars for All Funding



Hybrid	Plug-In Hybrid	Battery Electric	Fuel Cell Electric	Mobility Options
\$5,000 - \$7,000	\$5,500 - \$9,500	\$5,500 - \$9,500	\$5,500 - \$9,500	\$7,500



\$7.65M Total
\$2.8M Available
CalEnviroScreen 3.0
Communities

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Volkswagen Settlement Funds

\$4.25M Total
\$800K Available
Entire Bay Area

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\$4.25M Requested
Entire Bay Area

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Enhanced Mobile Source Inspections & Commuter Benefits



- Commuter Benefits Program ([Air District Reg. 14, Rule 1](#))
 - Compliance assistance, education, & outreach
 - Monitoring & tracking
- Enhanced Mobile Source Inspections
 - Inspection patrols
 - Enforce state's regulations around Port of Oakland



Proposed Changes for FYE 2021



Program Categories	Proposed Increase (in millions)*	Max C/E (per ton of emissions reduced)**	Max Project Operational Period (in years)
Clean Air Vehicles (Clean Cars for All)	\$5.00	\$500,000	3
Enhanced Mobile Source Inspections & Commuter Benefits	\$0.70	\$500,000	1

* An additional \$5.7 million in unobligated TFCA monies proposed to be reprogrammed for use in FYE 2021

** Consistent with limits adopted for other light-duty vehicle programs and trip-reduction services

Recommended Actions



Recommend the Board of Directors:

1. Approve the proposed increase to the allocation of Transportation Fund for Clean Air in FYE 2021, as shown in Table 2; and
2. Authorize the proposed change to cost-effectiveness limits for the Air District-sponsored programs and projects shown in Table 3.