



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

AGENDA: 3

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

Mobile Source Committee Meeting
May 20, 2020

Karen Schkolnick
Director

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)

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

Mobile Source Incentive Fund (MSIF)

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

Community Health Protection (CHP)

- Senate Bill (SB) 856 (2018)

Funding Agricultural Replacement Measures for Emission Reductions (FARMER)

- FARMER established by CARB in 2018

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



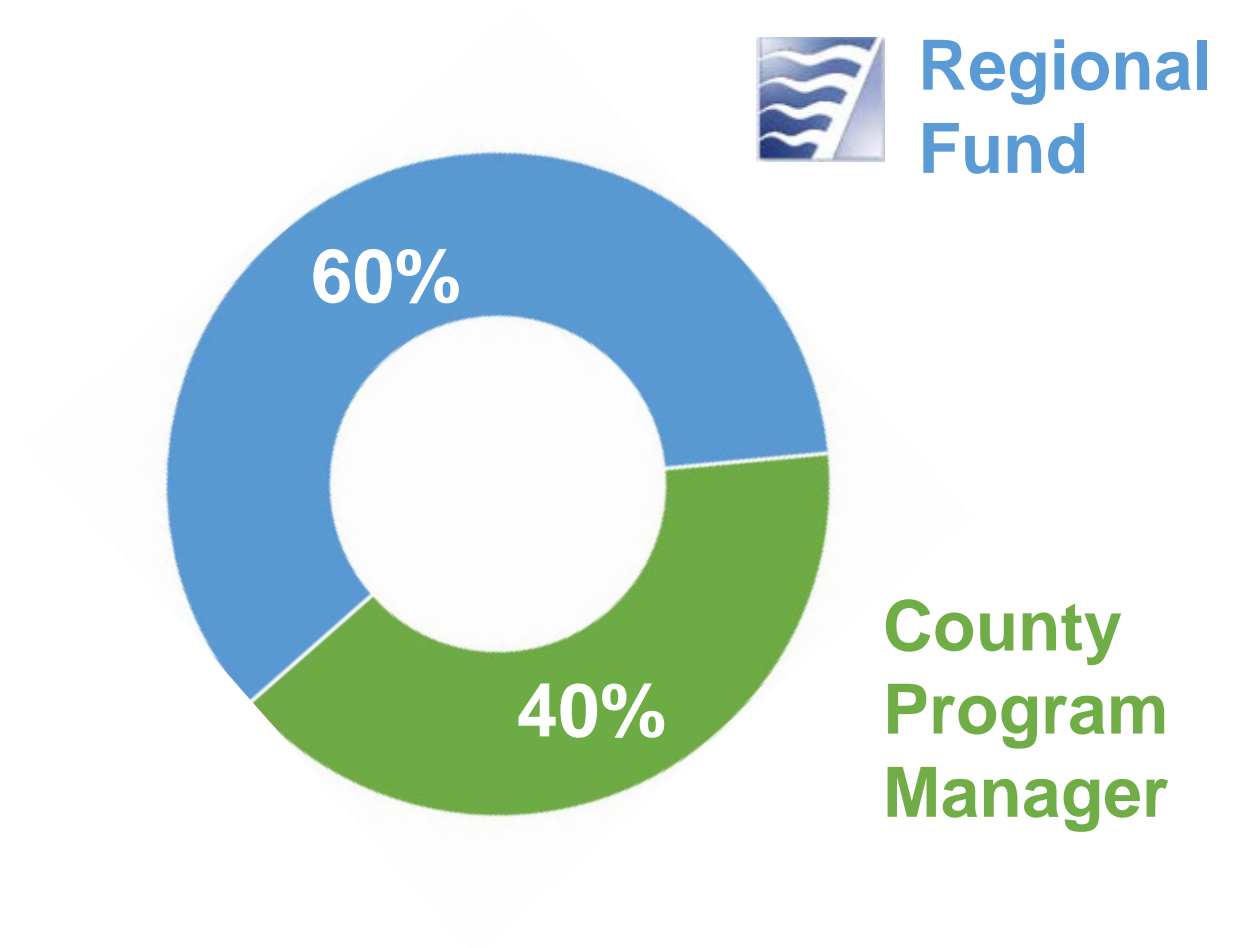
- Recommend \$1,356,688 in awards for four projects to:
 - replace four (4) marine engines
 - demonstrate seven (7) electric agricultural tractors
- **Emissions Reductions**
 - Over 2.7 tons per year (TPY) of criteria pollutants



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 \$356,200 in awards for two projects including:**
 - \$322,500 to demonstrate a zero-emission Class 8 truck
 - \$33,700 as match for one Reformulated Gasoline (RFG) project
- **Emission Reductions**
 - Over 0.26 TPY of criteria pollutants from the demonstration project



RFG Settlement Fund



- **RFG Open Grants Program** - competitive grants to non-profits from antitrust class action lawsuit
- Air District Board of Directors authorize **acceptance of up to \$2 million** from Bay Area Clean Air Foundation (BACAF) in 11/2017
- BACAF and RFG execute **contract for \$1.3 million** in December 2017



Reformulated Gas Settlement (con't)

Status as of 4/4/2020



- **\$67,214 in RFG funds plus \$33,700 in TFCA funds as match**

- **Emission reductions**

- ✓ Over 0.02 TPY of criteria pollutants

Electric Vehicle Infrastructure

14 dual-port Level 2 charging stations

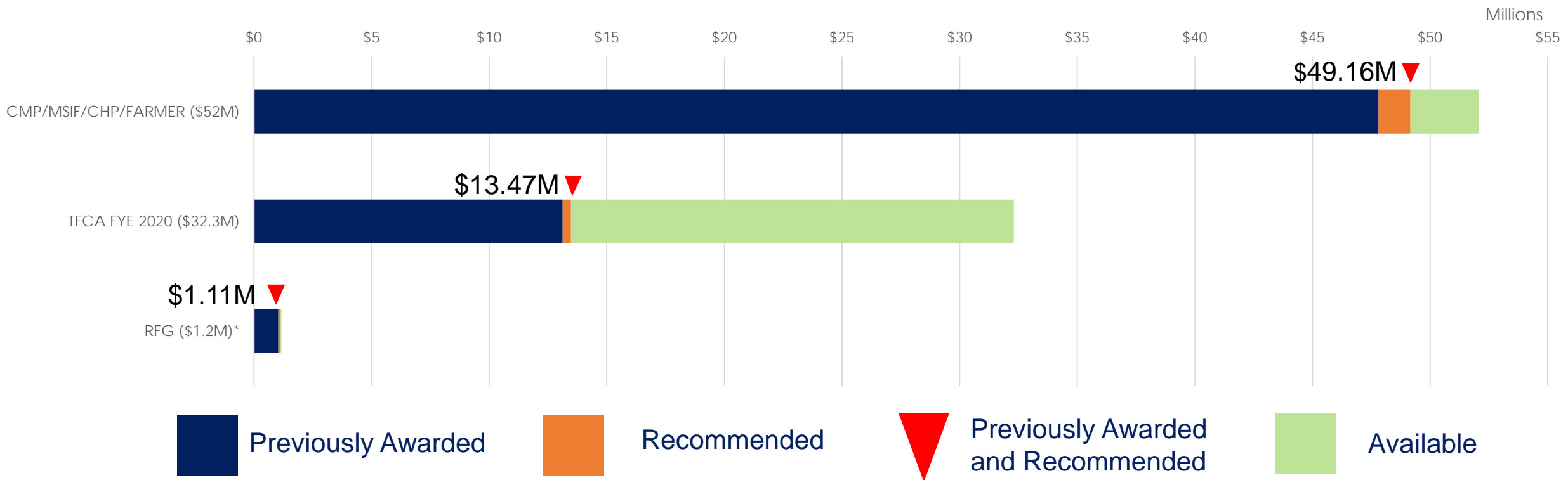


Electric Vehicles

15 LD vehicles
1 shuttle



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 = ~\$63 M*

List of projects is shown in Attachments 2 & 3

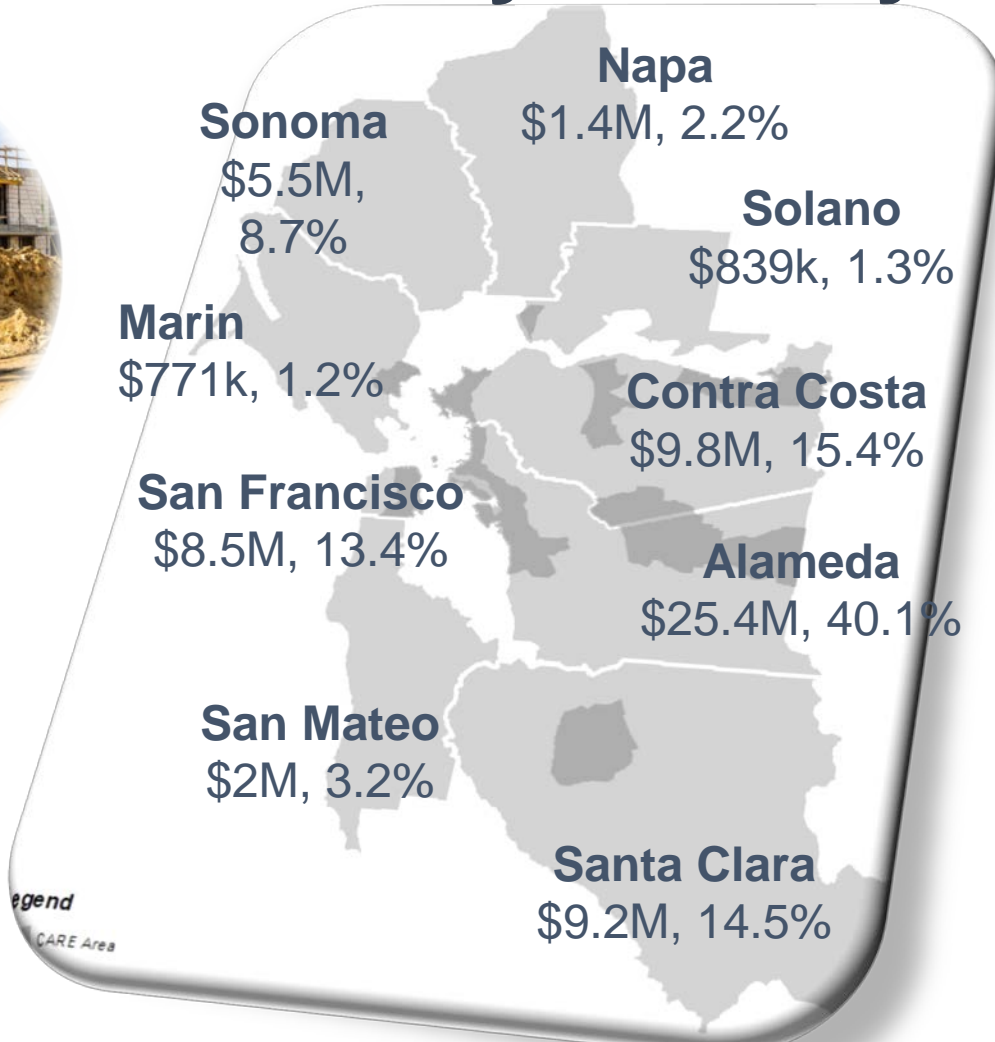
					
Light-duty Cars & Infrastructure	On-road Trucks & Buses	School Buses	Off-road	Off-road Marine & Locomotive	Trip Reduction
\$6.0 M	\$15.0 M	\$12.0 M	Ag: \$5.0 M Non-Ag: \$7.0 M	\$12.5 M	\$6.7 M

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

Mobile Source Committee Meeting
May 20, 2020

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 = \$~63 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
Vehicle Trip Reduction (Bicycle Facilities) Funding for bicycle facility projects to reduce single-occupancy vehicle trips www.baaqmd.gov/tripreduction	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.



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AGENDA: 4

Fiscal Year Ending 2021 Transportation Fund for Clean Air Regional Fund Policies & Evaluation Criteria

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May 20, 2020

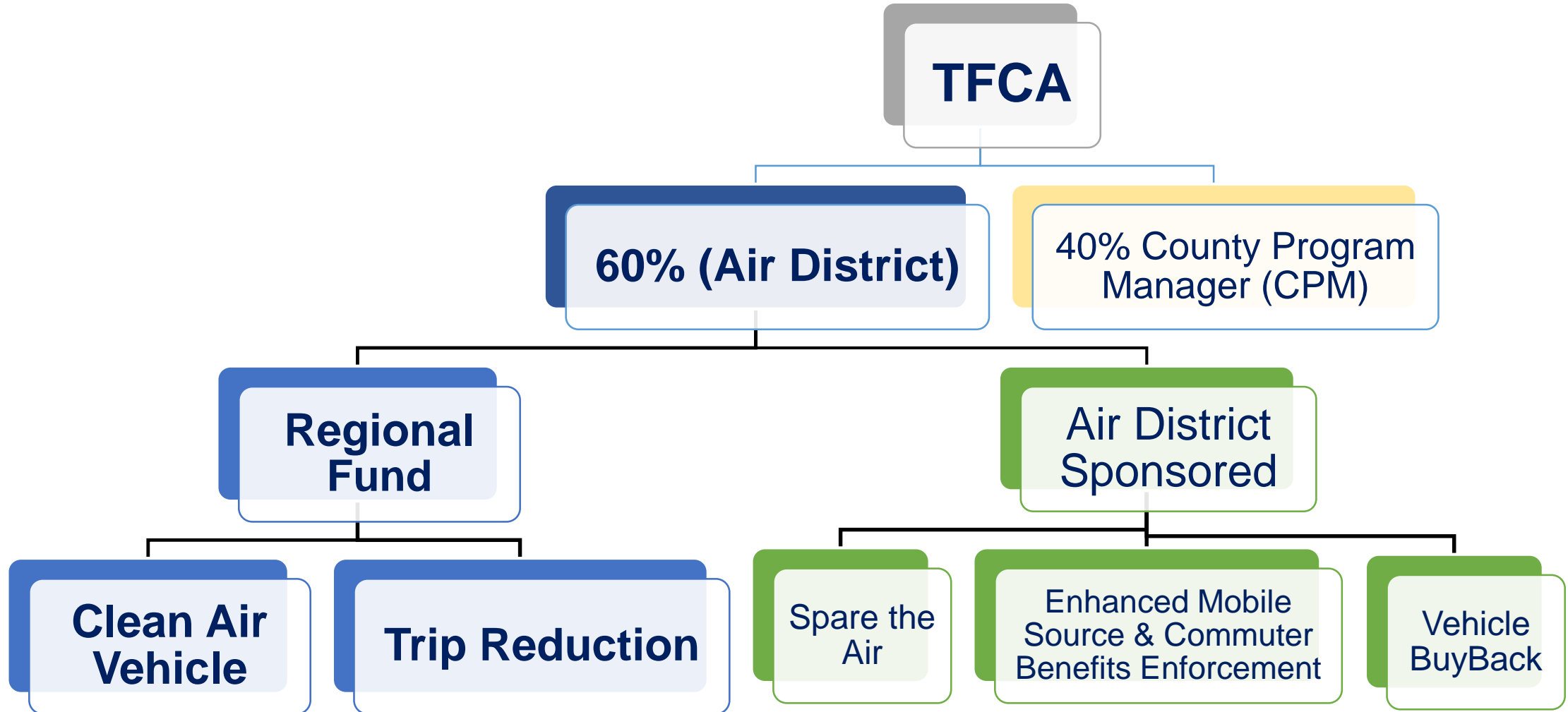
Karen Schkolnick
Director

Overview



- Background
- Public Outreach Process for Transportation Fund for Clean Air (TFCA) Policies for Fiscal Year Ending (FYE) 2021
- Proposed Updates to TFCA Policies for FYE 2021
 - ✓ Public Input
 - ✓ General and Project Specific Updates
- Recommended Action

TFCA Background



Public Outreach Process



- Public Comment Period: January 15, 2020 to February 26, 2020
- Email Notifications: 2,000+ Stakeholders
- Meetings:
 - ✓ Three (3) Webinars
 - ✓ One (1) Teleconference with Project Sponsors
 - ✓ Two (2) Meetings with the County Transportation Agencies

Proposed Updates General



- Increase Maximum Grant Amount (policy #7)
- Clarify how TFCA Regional Funds will be evaluated and prioritized to better align with Air District priorities (regional fund evaluation criteria #2)
- Language and grammatical revisions for clarification

Proposed Updates Clean Air Vehicles



- Remove requirement for a minimum # of vehicles and operational requirement (#23)
- Remove minimum operational requirement (#24)
- Adjust gross vehicle weight rating requirements (#23, #24)
- New Policy - Electric Vehicle Charging Infrastructure (#26)



#22 – On-Road Truck Replacements

#23 – On-Road Light- and Medium- Duty Zero- & Partial-Zero-Emissions Vehicles



#24 – On-Road Heavy-Duty Zero- and Partial-Zero-Emissions Trucks and Buses

#25 – Hydrogen Stations



#26 – Electric Vehicle Charging Infrastructure
#27 – Vehicle Scrapping

Proposed Updates Trip Reduction



- New Policy - Infrastructure Improvements for Trip-Reduction (#33)
- Expand eligibility to include other bicycle parking facility types (#31)
- Clarify plans that are required for Bicycle Parking and Bikeway projects (#31, #32)



Recommended Action



Recommend the Board of Directors:

Approve the proposed FYE 2021 TFCA Regional Fund Policies and Evaluation Criteria presented in Attachment A.