



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Allocation of Fiscal Year Ending 2024 Transportation Fund for Clean Air Funding

Mobile Source and Climate Impacts Committee
March 8, 2023

Ken Mak
Supervising Staff Specialist, Strategic Incentives
kmak@baaqmd.gov

Action Items



***Action items** for the Committee to consider recommending the Board of Directors:*

1. Approve the proposed allocation of the estimated new Transportation Fund for Clean Air (TFCA) monies to the programs and projects listed in Table 1; and
2. Authorize the proposed cost-effectiveness limits for the Air District-sponsored programs and projects listed in Table 2.

Outline



- Background on TFCA
- Proposed for Fiscal Year Ending (FYE) 2024
 - Allocation of new revenue for Regional Fund and Air District-sponsored programs and projects
 - Cost-effectiveness limits for Air District-sponsored programs
- Recommendations

TFCA Background



- \$4 motor vehicle registration fee surcharge since 1991
- Funds eligible projects that reduce on-road motor vehicle emissions
- Air District Board of Directors approves policies and cost-effectiveness (C/E) criteria annually



Strategies for Reducing Emissions



Clean Air Vehicles



- Zero emissions vehicles



- Fueling & charging infrastructure



- Vehicle Buy-Back
- Enhanced Mobile Source Inspections

Trip Reduction



- Biking & Walking



- Outreach and Education:

- Spare the Air

- Commuter Benefits Program



Proposed FYE 2024 TFCA Funding Allocation



Program Categories	Estimated New TFCA Monies	Estimated Carryover	Estimated Total Funds Available in FYE 2024
Clean Air Vehicles	\$5.10	\$13.00	\$18.10
Trip Reduction	\$3.00	\$0.00	\$3.00
Air District Sponsored Programs	\$4.64	\$3.00	\$7.64
Total Funding Available for Projects and Programs	\$12.74	\$16.00	\$28.74
Admin & Audit	\$1.70	\$0.00	\$1.70
Total Funding	\$14.44	\$16.00	\$30.44

Proposed FYE 2024 TFCA Funding Allocation Cont'd



Clean Air Vehicles \$18.1M

- Zero-Emission Vehicles and Infrastructure
- Clean Cars for All



Trip Reduction \$3.0M

- Bicycle Facilities (bikeways and parking)
- Infrastructure Improvements to expand access to mass transit

Proposed FYE 2023 TFCA Funding Allocation Cont'd



Air District-Sponsored Programs \$7.64M



Outreach and Education:

- ✓ Spare the Air
- ✓ Commuter Benefits Program



Enhanced Mobile Source Inspections

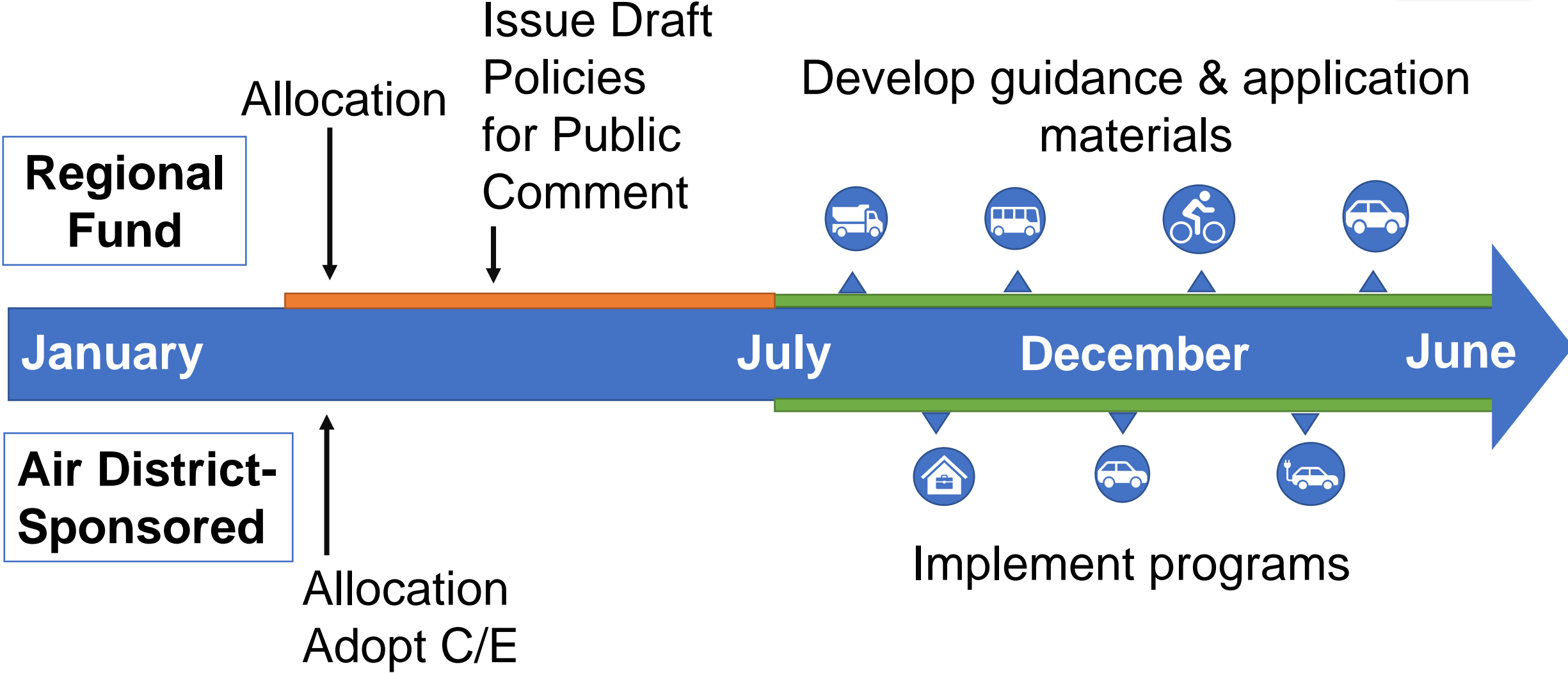
Vehicle Buy Back

Proposed Cost Effectiveness Air District-Sponsored Programs



Program Categories	Max. C/E (per ton of emissions reduced)	Project Operational Period (in Years)
Spare the Air and Commuter Benefits	\$500,000	1
Enhanced Mobile Source Inspections	\$500,000	1
Clean Cars for All	\$522,000	3
Vehicle Buy Back	\$500,000/ N/A	N/A

FYE 2024 TFCA Timeline



Action Items



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

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AGENDA: 7

Report on Transportation Fund for Clean Air Projects Expenditures and Effectiveness for Fiscal Year Ending 2022

**Mobile Source and Climate Impacts Committee Meeting
March 8, 2023**

**Minda Berbeco, Manager
Strategic Incentives Division
mberbeco@baaqmd.gov**

Informational Item



No action required. Informational item to discuss Transportation Fund for Clean Air (TFCA) Expenditures and Effectiveness Report for Fiscal Year Ending (FYE) 2022, and respond to questions.

Outline



- Background
- Summary of Project & Program Results
 - Fund Expenditures
 - Emission Reductions
 - Cost-Effectiveness
- Next Steps

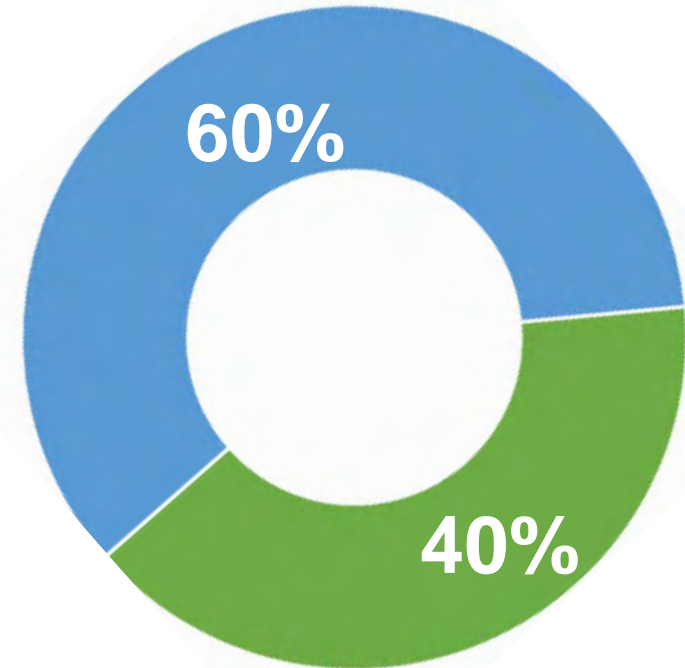
Background Transportation Fund for Clean Air (TFCA)



- Funding provided by \$4 surcharge on motor vehicles
- Air District's Board to annually review expenditures to determine their effectiveness in improving air quality
- Completed in FYE 2022:
 - ✓ 27 TFCA Regional Fund projects
 - ✓ Four (4) Air District-sponsored programs



Regional Fund



**County
Program
Manager
Fund**

Summary of Project & Program Results FYE 2022 TFCA Expenditures

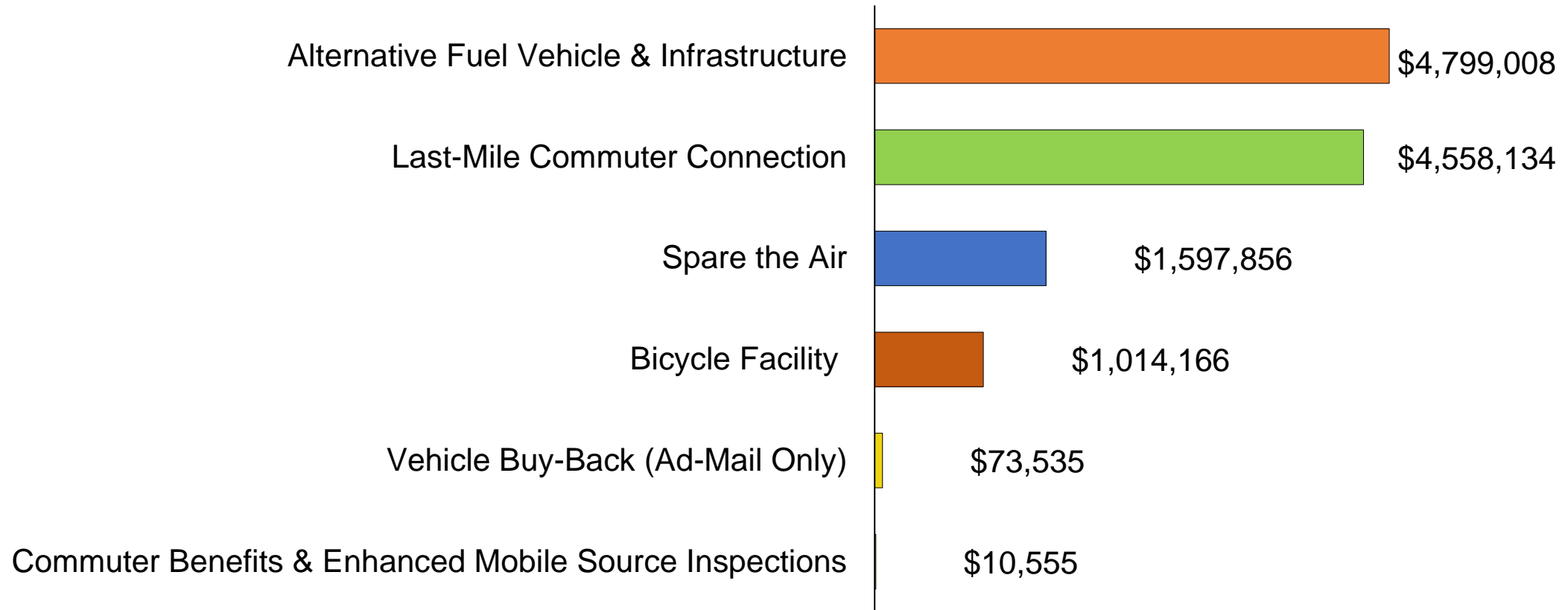


Total expenditures: \$12.98 million (M)

- \$10.37 M Regional Fund (27 projects)
- \$1.68 M Air District-sponsored (four (4) programs)
- \$0.93 M FYE 2022 administration

Summary of Project & Program Results

FYE 2022 TFCA Expenditures by Project Category





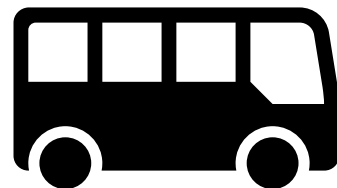
Summary of Results FYE 2022 TFCA Effectiveness & Emissions Reductions

- Lifetime criteria pollutants reduced: **65.12 tons**
 - PM₁₀: 29.24 tons**
 - NO_x: 16.71 tons**
 - ROG: 19.18 tons**
- Equivalent to **over 389 million Vehicle Miles Traveled (VMT)**, or removing **30,000 passenger cars** for one year
- **17%** of projects benefit **CARE** areas

Summary of Project & Program Results FYE 2022 TFCA Cost-Effectiveness and Key Report Findings



- TFCA funds were allocated to eligible projects and programs
- Overall average cost-effectiveness: \$164,817/ton criteria pollutant emissions reduced
- One (1) project exceeded the cost-effective threshold
- Funded projects also achieved public health benefits



Next Steps



- Continue to identify eligible cost-effective projects, programs, and opportunities to focus funds priority communities.
- Partner with transit and congestion management agencies on identifying cost-effective eligible transportation projects.
- Collect and evaluate data reported by project sponsors to refine estimated emissions reductions.



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AGENDA: 8

Proposed 2023 Mobile Source and Climate Impacts Committee Work Plan

Mobile Source and Climate Impacts Committee
March 8, 2023

Veronica Eady
Senior Deputy Executive Officer
veady@baaqmd.gov

Presentation Outcome



- The Mobile Source and Climate Impacts Committee (MSCI) will review and discuss the proposed schedule and work plan for meetings in 2023.

Presentation for Information Only



- No action required.

2023 MSCI Work Plan



- **April - May**

- Projects and Contracts with Proposed Grant Awards Over \$500,000
- 2022 Annual Report and Grants Program Overview
- Fiscal Year Ending (FYE) 2024 Transportation Fund for Clean Air (TFCA) County Program Manager Expenditure Plans
- Audit Report (Regional Fund and County Program Manager)
- Updates to the TFCA Regional Fund Policies and Evaluation Criteria for FYE 2024

2023 MSCI Work Plan Cont'd



- **June - July**

- Projects and Contracts with Proposed Grant Awards Over \$500,000 (tentative)
- Consideration of FYE 2023 Charge! Projects and Electric Vehicle (EV) Charging Update

- **September - October**

- Projects and Contracts with Proposed Grant Awards Over \$500,000
- Proposed Updates to the TFCA County Program Manager Fund Policies for FYE 2025
- Accept state funds for FYE 2025 Incentive Programs
- Update on I-580 Truck Access Health and Equity Study

2023 MSCI Work Plan Cont'd



- **November - December**

- Projects and Contracts with Proposed Grant Awards Over \$500,000
- Report on TFCA Projects Expenditures and Effectiveness for FYE 2023
- TFCA Program Regional Fund Projects - Audit #23 Results
- Clean Cars for All Program (CCFA) update

Questions?

