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# Draft Transportation Fund for Clean Air Regional Fund Policies and Evaluation Criteria for FYE 2020

## Public Workshop

**May 1, 2019**

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Staff Specialist



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# Webinar Information

This webinar is being recorded

A copy of this presentation can be downloaded from the handouts box.

Type in questions using the questions box.

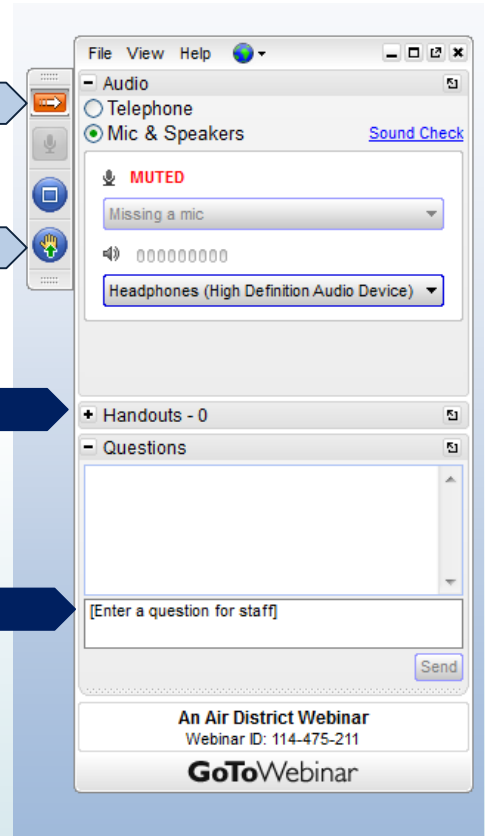
Questions will be answered at the end of the presentation.

Show/Hide Control Panel

Raise Hand

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# Overview

- 1. Introduction & Background**
  - Bay Area Air Quality Management District (Air District)
  - Transportation Fund for Clean Air (TFCA)
- 2. FYE 2020 TFCA Regional Fund Policies and Evaluation Criteria**
  - Update Process
  - General Policies
  - Project-specific Policies
  - Evaluation Criteria
- 3. Tentative Schedule**
- 4. Public Comment Process & Questions**



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# Introduction and Background

## Bay Area Air Quality Management District (Air District):

- Established in 1955
- Nine Bay Area Counties
- Seven Million Residents
- 5,340 square miles

### Mission:

*“To protect and improve public health, air quality, and the global climate.”*

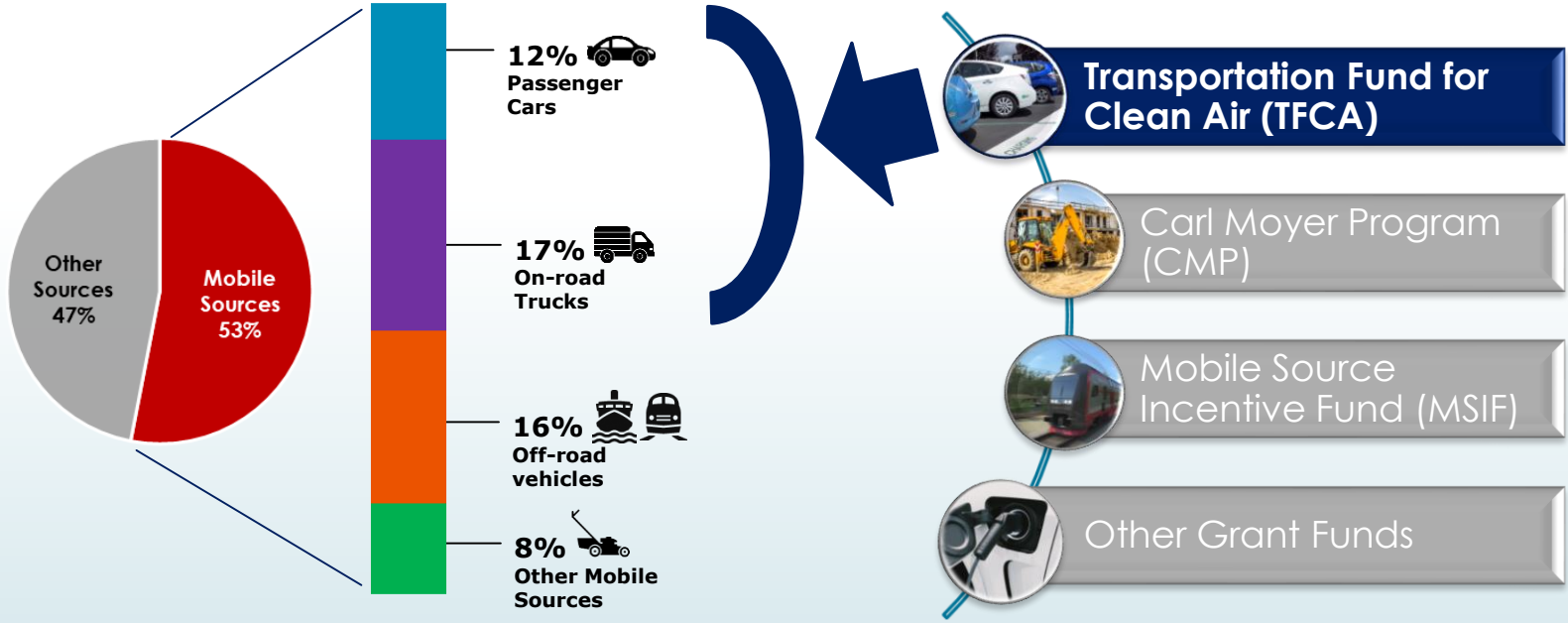




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# Sources of Bay Area Criteria Pollution

2015 Total: 667 tons/day

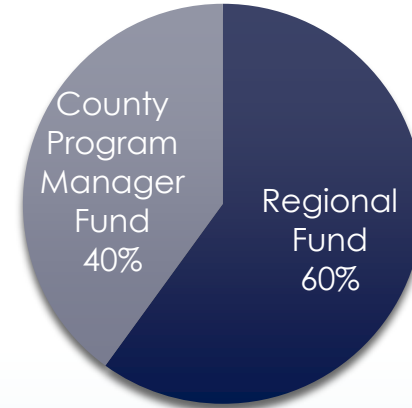




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# Transportation Fund for Clean Air (TFCA)

- ▶ \$4 DMV surcharge
- ▶ 60% awarded directly by the Air District (Regional Fund & Air District Sponsored Programs)



## Trip Reduction

Existing Shuttles



Pilot Trip Reduction



Bicycle Facilities



Clean Air Vehicle Projects





# TFCA Regional Fund Policies (FYE 2020)

- Govern use of TFCA funds
- Updated annually:
  - Public Input Process
  - Adoption (Air District Board of Directors)
- Call for Projects/Solicitations issued after Policies are adopted
- Website:  
<http://www.baaqmd.gov/funding-and-incentives/funding-sources/regional-fund>

The screenshot shows the website for the TFCRA Regional Fund. The navigation bar includes: ABOUT AIR QUALITY, RULES & COMPLIANCE, PERMITS, COMMUNITY HEALTH, PLANS & CLIMATE, and FUNDING. The main heading is "TFCRA Regional Fund". A sidebar menu lists: FUNDING AND INCENTIVES, BUSINESSES AND FLEETS, PUBLIC AGENCIES, RESIDENTS, and FUNDING SOURCES (which is highlighted). The main content area has a breadcrumb trail: Air District / Funding and Incentives / Funding Sources / TFCRA Regional Fund. The text on the page states: "The Air District is accepting public comments on the proposed updates to the Transportation Fund for Clean Air (TFCA) Regional Fund Policies for Fiscal Year Ending (FYE) 2020." It also mentions "FYE 2020 TFCA Regional Fund Policies – Open for Public Comment (New)" and provides instructions on how to submit comments online or by mail, including a deadline of May 13, 2019. A "Submit Comments" button is visible in a light blue box.



# General Policies

Policies #1 - #21 apply to all project types

TFCA Policy #	Policy Description
1 – 10	Basic Eligibility
11 – 15	Applicant in Good Standing
16 – 18	Ineligible Projects
19 – 21	Use of TFCA Funds

TFCA Regional Fund Policies and Evaluation Criteria for FYE 2020 (Draft for Public Comment, released 4/8/19)

## TFCA REGIONAL FUND POLICIES AND EVALUATION CRITERIA FOR FYE 2020

The following policies apply to the Bay Area Air Quality Management District's (Air District) Transportation Fund for Clean Air (TFCA) Regional Fund for fiscal year ending (FYE) 2020.

### BASIC ELIGIBILITY

- Eligible Projects:** Only projects that result in the reduction of motor vehicle emissions within the Air District's jurisdiction are eligible. Projects must conform to the provisions of the California Health and Safety Code (HSC) sections 44220 et seq. and Air District Board of Directors adopted TFCA Regional Fund Policies and Evaluation Criteria.  
Projects must achieve surplus emission reductions, i.e., reductions that are beyond what is required through regulations, contracts, and other legally binding obligations at the time the Air District executes the project's funding agreement.
- TFCA Cost-Effectiveness:** Projects must not exceed the maximum cost-effectiveness (C-E) limit specified in Table 1. Cost-effectiveness (\$/weighted ton) is the ratio of TFCA funds awarded to the sum of surplus emissions reduced, during a project's operational period, of reactive organic gases (ROG), nitrogen oxides (NOx), and weighted PM10 (particulate matter 10 microns in diameter and smaller).

Table 1: Maximum Cost-Effectiveness for TFCA Regional Fund Projects

Policy #	Project Category	Maximum C-E (\$/weighted ton)
22	On-Road Truck Replacements	\$90,000
23	Light- and Medium-Duty Zero- and Partial-Zero-Emissions Vehicles for Fleets	\$500,000
24	Heavy-Duty Zero- and Partial-Zero-Emissions Vehicles	\$500,000
25	Hydrogen Stations	\$500,000
26	Vehicle Scrapping	\$50,000
27	Reserved	Reserved
28	Existing Shuttle/Feeder Bus Services	\$200,000; \$250,000 for services in CARE Areas or PDAs
29	Pilot Trip Reduction	\$500,000
30	Existing Regional Ridesharing Services	\$150,000
31	Electronic Bicycle Lockers	\$250,000
32	Bikeways	\$250,000

- Consistent with Existing Plans and Programs:** All project categories must comply with the Transportation Control and Mobile Source Control Measures included in the Air District's most recently approved strategy(ies) for achieving and maintaining State and national ozone standards; those plans and programs established pursuant to California Health & Safety Code (HSC) sections 40233, 40717 and 40919; and, when specified, other adopted federal, State, regional, and local plans and programs.





## Policy #2: Cost-effectiveness

Ratio of TFCA funds awarded to the sum of surplus emissions reduced over the project operational period.

- Reactive organic gases (ROG)
- Oxides of nitrogen (NO<sub>x</sub>)
- Particulate matter (PM<sub>10</sub>), non-exhaust
- Weighted PM<sub>10</sub>, exhaust

$$CE = \frac{TFCA \text{ Funds Awarded}}{Tons \text{ of } NO_x + ROG + PM_{10} + (PM_{10} \times 20) \text{ reduced}}$$

- Table 1: Cost-Effectiveness limits for FYE 2020 TFCA Regional Fund Projects
  - Other Evaluation Criteria may apply



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# Clean Air Vehicle Projects

Projects that accelerate the adoption of zero-emission technologies for *compliant fleets* or facilitate the permanent retirement of highly-polluting vehicles of *all types*.

## Policy Updates:

- Cost-effectiveness limits increased to \$500,000/ton for zero- and partial-zero emissions vehicles for fleets (Light- and Medium-Duty and Heavy-Duty), #2
- Removed buses, #22
- Removed model year requirement, #23
- Added on-road vehicle scrapping, #26
- Text revisions for clarity



#22 – On-Road Truck Replacements

#23 – Light- and Medium-Duty Zero- & Partial-Zero-Emissions Vehicles for Fleets



#24 – Heavy-Duty Zero- and Partial-Zero-Emissions Vehicles

#25 – Hydrogen Stations



#26 – Vehicle Scrapping



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# Trip Reduction Projects

Facilitate first- and last-mile connections to reduce commute-hour single-occupancy vehicle trips.

## Policy Updates:

- Cost-effectiveness limit increased to \$500,000/ton for Pilot Trip Reduction, #2
- Text revisions for clarity, #29

#28 – Existing Shuttle/Feeder Bus Services



#29 – Pilot Trip Reduction



#30 – Existing Regional Ridesharing Services





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# Trip Reduction Projects - Bicycle Projects

Facilitate access to bicycle roadways and parking to reduce single-occupancy trips.

## Policy Updates:

- Cost-Effectiveness limit for bikeways increased to \$500,000/ton, #2
- Text revisions for clarity



#31 – Electronic Bicycle Lockers



#32 – Bikeways



# Evaluation Criteria

Evaluation of projects will be conducted by Air District staff

- ▶ Applicants & projects must meet all applicable program requirements
- ▶ Project categories have their own evaluation process, examples include:
  - First-come, first-served
  - Ranked based on cost-effectiveness
- ▶ 60% Funding prioritized for CARE and PDA's



# Tentative Schedule

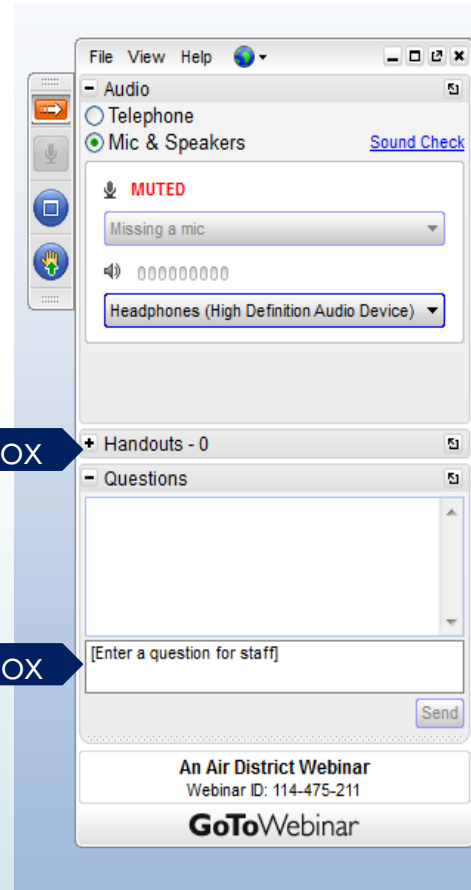
April 8, 2019	Draft Policies Issued for Public Comment
May 1, 2019	Informational Webinar
Noon on May 13, 2019	Public Comment Period Closes
May 23, 2019	Mobile Source Committee Meeting
June 2019	Board of Directors Meeting



# Open for Comments

**Comments Due: May 13, 2019 (at Noon)**

- **Online (preferred)**
  - A link to the [online comment form](#) is on the *Regional Fund* website
- **Email**
  - Send comments to [grants@baaqmd.gov](mailto:grants@baaqmd.gov)
  - Use the subject line "Draft FYE 2020 TFCA Regional Policies"
- **Mail**
  - Address comments to:  
Bay Area Air Quality Management District  
Attn: Strategic Incentives Division  
375 Beale St., Ste. 600  
San Francisco, CA 94105



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