



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

2017 Bicycle Facility Grant Program *Pre-Application Workshop*

May 23, 2017
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Staff Specialist



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Webinar Information

This webinar is being recorded

Copies of presentations will be posted to the Program Website.

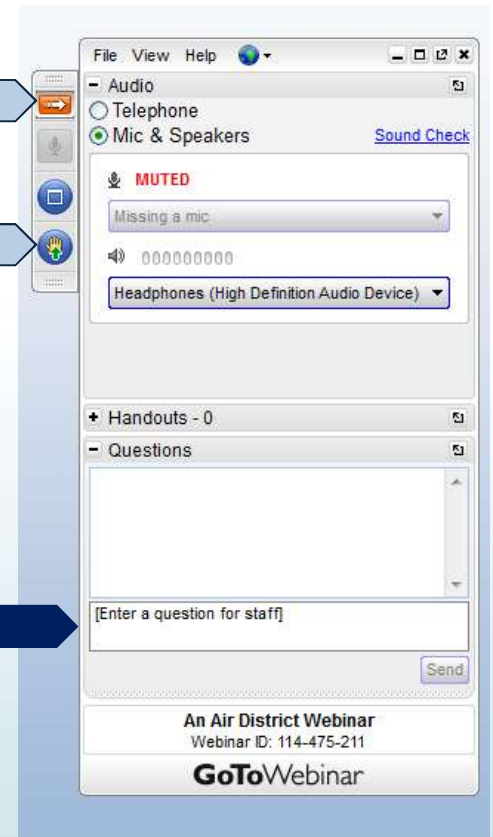
Type in questions using the questions box here.

Questions will be answered at the end of the presentation.

Show/Hide Control Panel

Raise Hand

Questions Box





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Overview



Introduction & Background

- ▶ Bay Area Air Quality Management District (Air District)
- ▶ Criteria Pollution in the Bay Area

Program Information

- ▶ Funding Source
- ▶ Guidance and Requirements
- ▶ Process

Contact and Questions



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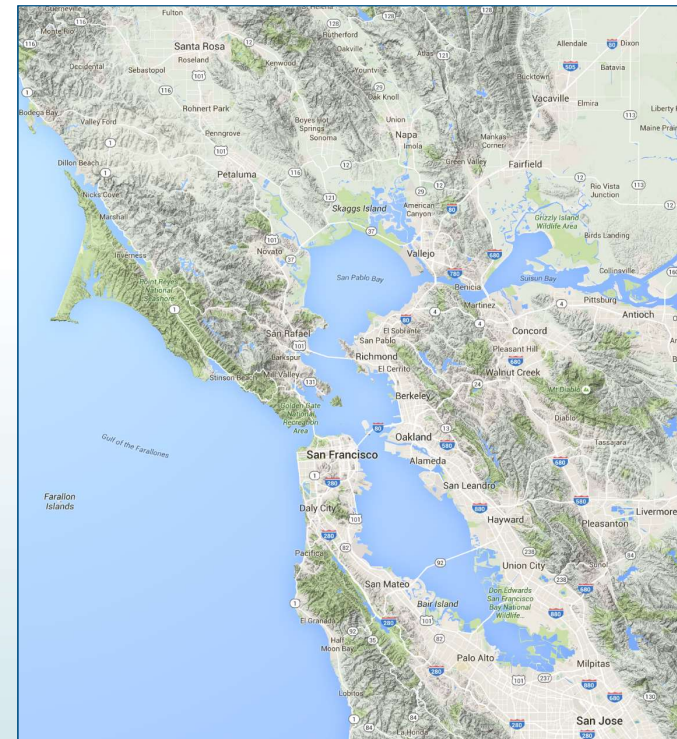
Introduction and Background

The 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”

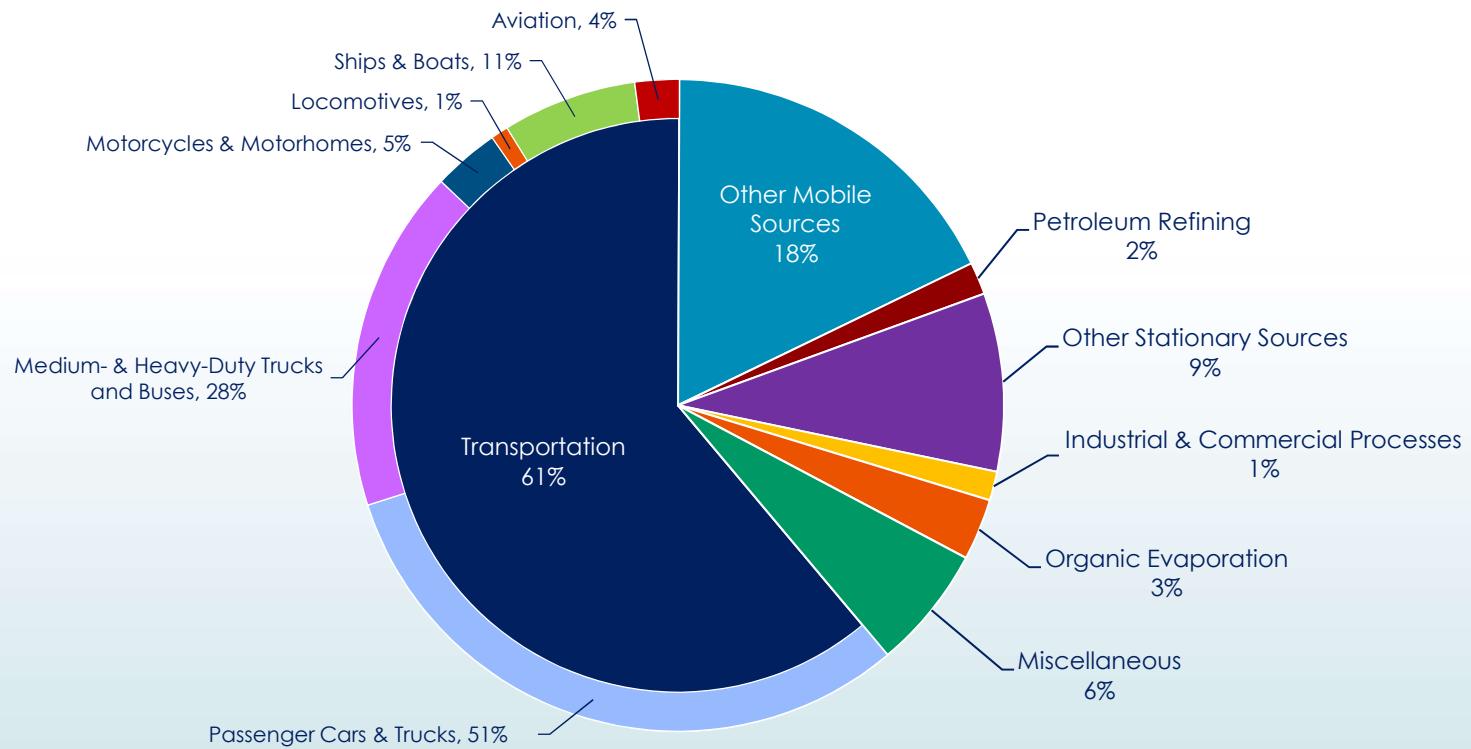




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Sources of Bay Area of Criteria Pollution

2011 Total = 2,044 tons/day





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Transportation Fund for Clean Air

- ▶ \$4 DMV Surcharge
- ▶ ~\$23 million available for projects in FYE 2017.
- ▶ Cost-effectively reduce tailpipe emissions of criteria pollutants

Trip Reduction



\$4M

Clean Vehicle



\$13M

Bicycle Facilities



\$5M



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Bicycle Facilities Grant Program Summary

- ▶ A competitive solicitation
- ▶ Projects must construct new qualifying bikeways or install new bicycle parking facilities
- ▶ Up to \$5 million in FYE 2017 funds is available
- ▶ All public agencies are eligible



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Bikeways and Bicycle Parking





Project Requirements

- ▶ Must **construct one or more segments** of new Class-I, II, III, or IV bikeways, or **install new bicycle parking**
- ▶ All project components must be “**shovel-ready**”, completed all State and environmental reviews
- ▶ Project components **must be described in an adopted plan** (i.e. countywide bicycle plan, Congestion Management Plan (CMP))
- ▶ Each project component must be located within ½ mile from one of the following:
 - Existing public transit station/stop
 - Existing major activity center that serves 2,500 people per day
 - Three existing activity centers
- ▶ New Bikeways must meet the following
 - One proposed segment with **a minimum length of 1/5th mile**
 - Design constant with **Ca. Highway Design Manual**, or **Protected Bikeway Act 2014**



Project Requirements (cont'd)

- ▶ Qualify for **\$10,000 minimum** and up to **\$1.5 million (maximum)** in awarded funds
- ▶ Each component must achieve **cost-effectiveness of \$250,000** in TFCFA funds awarded per ton of criteria emissions reduced
- ▶ Bicycle Parking maximum awards up to:
 - **\$2,500** per new electronic bicycle locker
 - **\$60** per new bicycle parking spot
- ▶ Bikeway awards are determined by their cost-effectiveness, based on segments ability to reduce on-road vehicle emissions

Funding Levels*		
Class I & IV	Class II	Class III
\$100,000	\$30,000	\$15,000

*funding levels are informational only, and do not guarantee that a project requesting funding at these levels will be cost-effective.



Factors for Cost-Effectiveness

Ridership

Higher ridership means that a project will be relatively more effective at reducing pollution

Segment Length

Projects with longer segments will be relatively more effective at increasing ridership

Bikeway Class

In the relative order of most effective at increasing ridership: Class I, IV, II, and III

City/town Population

Projects in areas with a relatively large population will be more effective at increasing ridership

AADT of Vehicle Traffic

Greater annual average daily traffic (AADT) on roadways parallel to bikeway will be effective at increasing ridership



Factors for Cost-Effectiveness (cont'd)

of Activity Centers

More activity centers within $\frac{1}{4}$ mile and $\frac{1}{2}$ mile will be more effective at increasing ridership

Total bikeway length near the project

Length of continuous safe existing bikeways that connects to the new bikeway, within 1.5 mile radius of the mid-point of the new segment will be more effective at increasing ridership

Transit hub

In the relative order of most effective at increasing ridership: Class I, IV, II, and III

New Bicycle Parking

Projects in areas with a relatively large population will be more effective at increasing ridership

Amount of TFCA Funds Requested

Greater annual average daily traffic (AADT) on roadways parallel to bikeway will be effective at increasing ridership



Key Grantee/Project Sponsor Obligations

Construct & Operate

- Complete within 2 years
- Operate for minimum 7 years

Insurance

- General Liability
- Workers Comp

Report

- Submit status, expenditure, & final reports

Allow & Cooperate

- Fiscal Audits
- Project Inspections



Project Costs

Eligible

- Material (e.g., concrete, asphalt)
- Equipment rental (e.g., dump truck, road paver)
- Site Preparation
- Bike racks & electronic lockers
- Labor charges for site prep & construction

Ineligible

- Indirect implementation costs
- Non-essential hardware/equipment or labor
- Costs incurred after construction
- Administrative costs



Bikeways 3-step process





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Step 1: Apply

Applicant:

- Submit online application, including:
 - Letter of commitment / Authority to Apply
 - Copies of Permits & Environmental approvals
 - Map of project area
 - Documents for Annual Average Daily Traffic (AADT)
 - Line item cost estimate
 - Copy of reference to adopted bicycle plan
- Sign and return Contract
- Ensure no work will begin until Funding Agreement is executed

Air District:

- Review application, issue Notice of proposed Award if eligible
- Forward proposed Contract for signature
- Execute Contract and issue Notice to Proceed



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Step 2: Install / Project Implementation

● Grantee (Project Sponsor):

- Purchase equipment
- Hire a licensed contractor to perform work
- Constructs bikeway and installs bicycle parking
- Obtain and Maintain Insurance
- Submit Status Reports, Expenditure Report & Invoice



● Air District:

- Release 85% of funds for reimbursement following installation and review of all Reports & Invoice



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Step 3: Operate and Report

Grantee (Project Sponsor):

- Complete post-completion bike-count survey and submits the Final Evaluation Report within 1 year of project operation
- Operating and maintain equipment for 7 years
- Maintain insurance



Air District:

- Audit and Inspect
- Release remaining 15% of funds for reimbursement following fulfillment of review of bike-count sur final report



Project Implementation Schedule

Tentative Date	Activity
By December 31, 2017	Project must commence
Every April 15 & October 15, beginning on April 15, 2018	Project Sponsor submits Semi-Annual Reports to the Air District during the project construction phase
Within 2 years from the date of Executed Funding Agreement	All construction work must be completed and bikeways or bicycle parking facilities are open and available for public use; all eligible cost must be incurred
Within 3 months from the date the project is open and available for public use	<ul style="list-style-type: none">• Project Sponsor submits the Capital Expenditure Report and Final Invoice• Air District makes the initial payment of 85% of the eligible award



Project Operation Schedule

Tentative Date	Activity
Within one year from the date that a project was open and available for public use	<ul style="list-style-type: none">• Project Sponsor must conduct and complete a post-completion bike-count survey and submit the Final Evaluation Report• Air District makes a final payment of 15% of the eligible award
For 7 years after the project has been available for public use	<ul style="list-style-type: none">• Project Sponsor must maintain the Project in good repair and the required insurance for the duration of the PUL• Air District may conduct a physical inspection of each project• Air District will conduct a fiscal audit of the Project
~January 1, 2030 (3 years after end of PUL)	<ul style="list-style-type: none">• End of Project Term. <i>Project Sponsor must keep all Project records until the end of the Project Term</i>



Program Schedule

Tentative Date	Milestone
April 25, 2017	Program Solicitation Released
May 3, 2017 May 11, 2017 May 23, 2017 June 15, 2017 June 21, 2017	Pre-application workshops
By 4 PM, June 26, 2017	Application Deadline – Last day to submit applications
By 4 PM, July 31, 2017	Deadline to receive Board/Council Resolutions
September 28, 2017	Air District Mobile Source Committee considers recommendation for awards to highest ranking applicants and Air District issues Notice of Proposed Awards
October 18, 2017	Board of Directors considers recommendation for awards to highest ranking applicants



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Questions

www.baaqmd.gov/bikeways

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