



BAY AREA  
AIR QUALITY  
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# *Pilot Trip Reduction Program*

*Stakeholder Workshop*

October 17, 2017

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Staff Specialist



# Webinar Information

This webinar is being recorded

Copies of presentations will be posted to the Program Website.

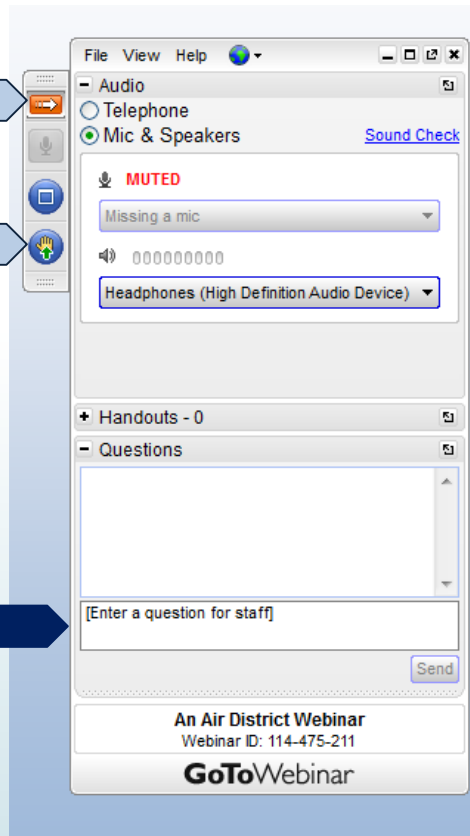
Type in questions using the questions box here.

Questions will be answered at the end of the presentation.

Show/Hide Control Panel

Raise Hand

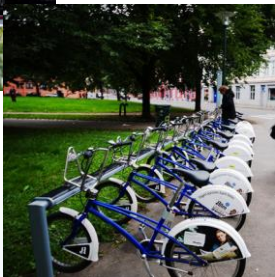
Questions Box





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# Overview



## Introduction & Background

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

## Pilot Trip Reduction Program

- Funding Source
- Overview of the Program
- Request for Information/Survey
- Tentative Program Schedule

## Contact Information



# 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”*

NINE COUNTY JURISDICTION OF THE BAAQMD

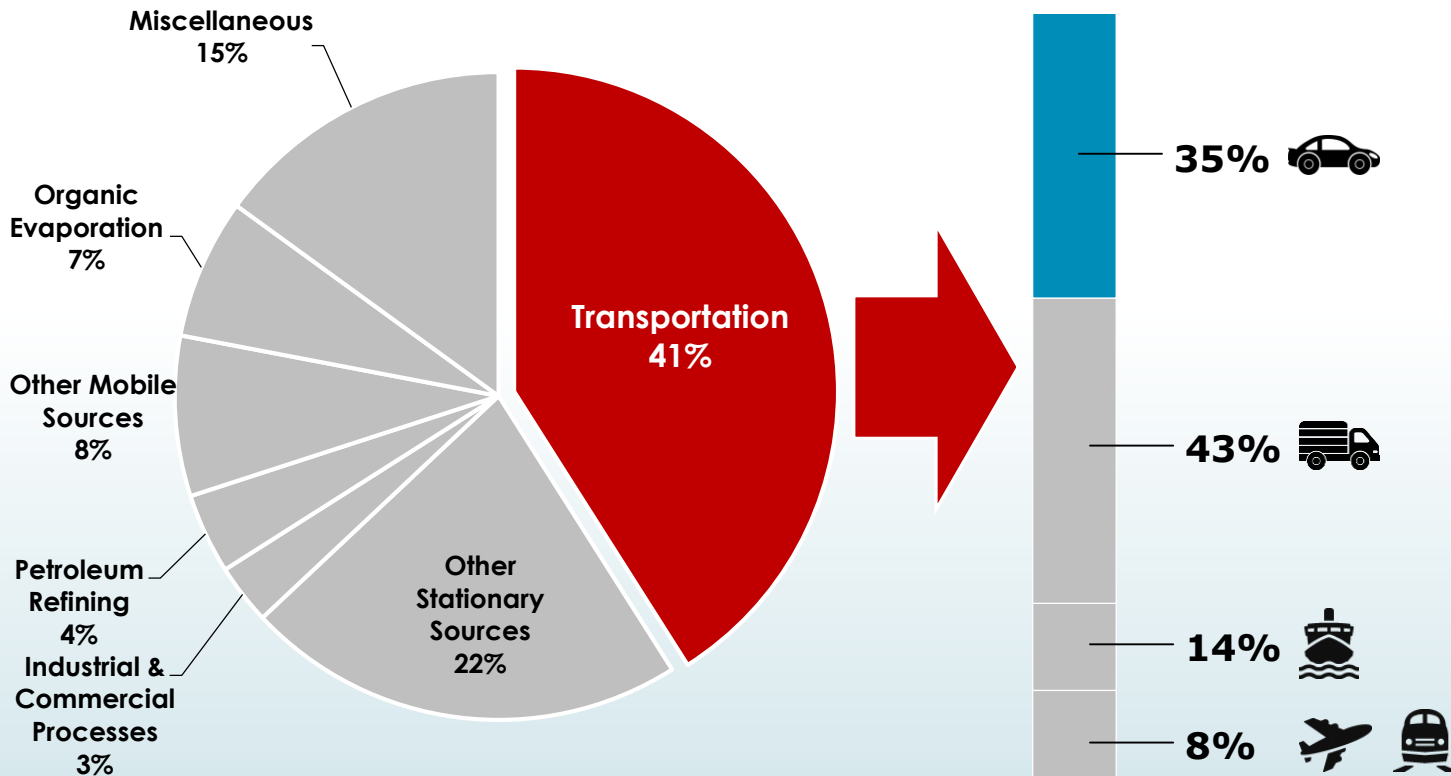




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# Sources of Bay Area Criteria Pollution

2011 Total: 694 tons/day





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# Transportation Fund for Clean Air (TFCA)

- ▶ \$4 DMV Surcharge
- ▶ ~\$23 million available for projects in FYE 2018
- ▶ Projects must cost-effectively reduce tailpipe emissions of criteria pollutants

## Trip Reduction

Existing Shuttles

\$3M



Pilot Trip Reduction

\$3M



Bicycle Facilities

\$2M



## Clean Vehicle

\$15M



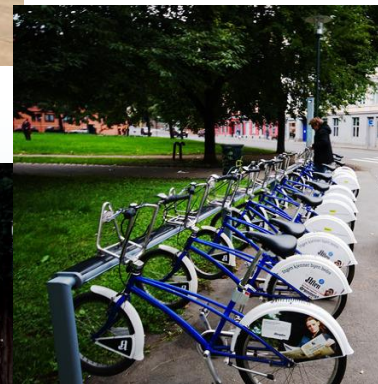


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# Pilot Trip Reduction Program

## Purpose

- Support **innovative pilots** that are **replicable** and that meet **TFCA criteria**
- Reduce **commute-hour**, single-occupancy vehicle (**SOV**) trips
- Encourage **mode-shift** to other forms of transportation





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# Pilot Trip Reduction Program Overview

- ▶ Only **public agencies** are eligible to apply
- ▶ Maximum grant award: \$1.5 million
- ▶ Award 2-4 projects
- ▶ Pilots must **innovative and new to the Bay Area**





# Pilot Trip Reduction Program

## Eligible Projects

### ► Pilots must:

- Be located in a **Highly Impacted Community** or **Episodic Area** (as defined by the Air District's CARE Program) or in a **Priority Development Area** (PDA)
- Remain under the Cost-Effectiveness limit of **\$250,000/weighted ton of surplus emissions reduced**
- Be able to commence by the end of calendar year 2018
- Achieve verifiable emissions reductions (have measurable outcomes)
- Be **financially self-sustaining** within 3 years from commencement
- Provide data or evidence demonstrating need and that it is going to be successful



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# Pilot Trip Reduction Program Eligible Areas

## Community Air Risk Evaluation (CARE) Program

 **Impacted Communities**

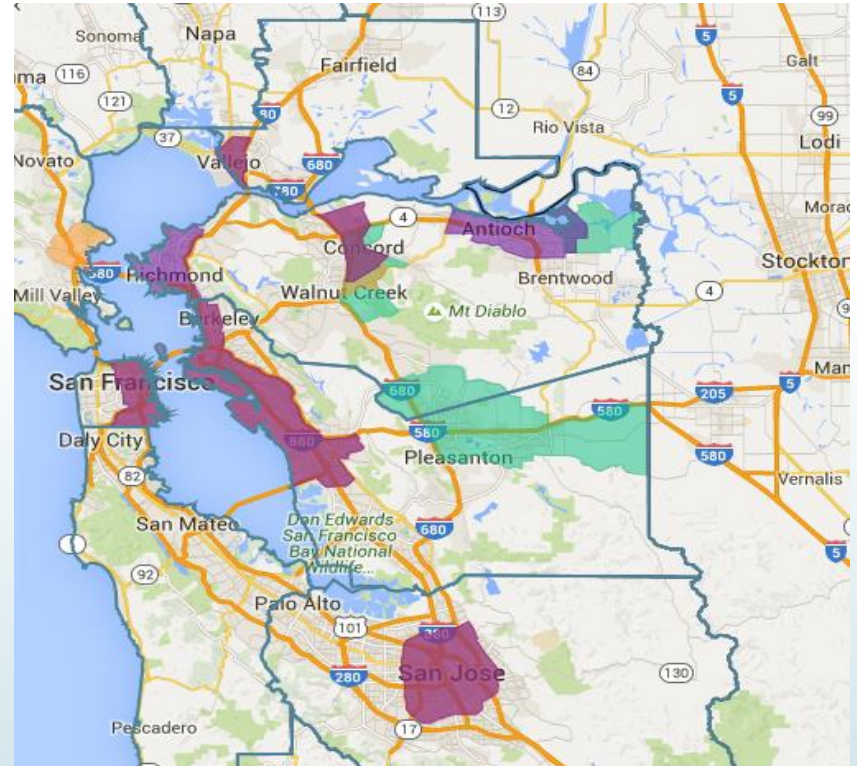
Impacted Communities

-  8 Hour Ozone Exceedance Areas
-  24 Hour PM2.5 Exceedance Areas
-  2013 Cumulative Impact Area

[Show Detail](#)

 **Boundaries**

[www.baaqmd.gov/CARE](http://www.baaqmd.gov/CARE)



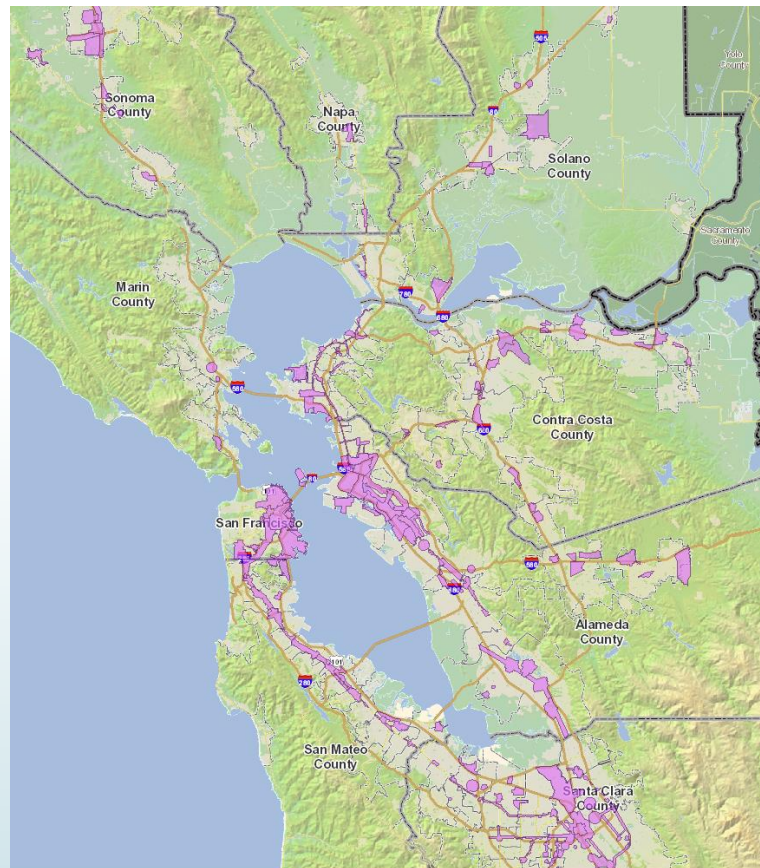


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# Pilot Trip Reduction Program Eligible Areas

Priority Development Area (PDA)

<http://gis.abag.ca.gov/website/PDAShowcase/>





# Pilot Trip Reduction Program

## Examples of Ineligible Costs and Projects

- ▶ Untested technologies
- ▶ Algorithms and apps that do not result in direct and verifiable emission reductions
- ▶ Continuation of existing projects that are currently being piloted in the Bay Area
- ▶ Projects that move goods (i.e., instead of people)



# Pilot Trip Reduction Program

## Attributes of higher scoring pilot projects

- ▶ Project has potential to significantly reduce SOV trips
- ▶ Applicant has completed pre-work (e.g., studies, collaboration, plans)
- ▶ Project has potential to significantly reduce emissions and applicant requests relatively low amount of TFCA funds (very cost-effective)
- ▶ Project has potential to be widely replicated and scaled in the Bay Area



# Pilot Trip Reduction Program Request for Information/Survey

ABOUT AIR QUALITY RULES & COMPLIANCE PERMITS RESEARCH & DATA PLANS & CLIMATE GRANTS IN YOUR COMMUNITY

## Requests for Proposals and Quotations

UPDATED 10/10/2017

### ABOUT THE AIR DISTRICT

BOARD OF DIRECTORS ▾

JOB OPPORTUNITIES ▾

MISSION STATEMENT

HISTORY OF AIR  
DISTRICT

OUR NEW HOME

DEPARTMENTS

AIR DISTRICT  
LEADERSHIP

HEARING BOARD ▾

ADVISORY COUNCIL ▾

Air District / About the Air District / Request for Proposals (RFP/RFO)



Learn about the Air District's Requests for Proposals (RFPs) and Requests for Qualifications or Quotations (RFQs), and view requests that are open for bid.

### Requests for Proposals, Qualifications and Quotations

RFPs and RFQs announce that an Air District project is open for bid. The request describes the work the Air District wants completed and outlines the process for submitting a proposal, qualifications or a price quote to do the work.

#### RFPs

RFPs have a standard format for responses, and any company is eligible to submit a proposal. The proposals must follow strict guidelines set forth in the RFP. These guidelines include the specific information the proposals should contain, the format they should be in,

spare the air alert

[www.baaqmd.gov/about-the-air-district/request-for-proposals-rfp-rfq](http://www.baaqmd.gov/about-the-air-district/request-for-proposals-rfp-rfq)  
<https://www.surveymonkey.com/r/TripReduction>



# Pilot Trip Reduction Program

## Tentative Program Schedule

Date	Activity
October 2017	Stakeholder/public input through surveys and workshops
November 2017 – January 2018	Continue to gather stakeholder/public input and conduct Request for Information (RFI)
Early 2018	Develop solicitation package
Spring 2018	Call for Projects (2 phases) <ul style="list-style-type: none"><li>• Letters of Interest</li><li>• Pre-qualified applicants to submit detailed proposals</li></ul>
Mid-2018	Recommendation for awards for highest ranking projects
By December 31, 2018	Execute contracts and pilots commence
By December 31, 2020	Launch and operate pilots for 2-3 years





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# Thank You!

[www.baaqmd.gov/grants](http://www.baaqmd.gov/grants)

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