

# Grants Available for Agricultural and Off-Road Emission Reduction Projects

## Welcome to the webinar

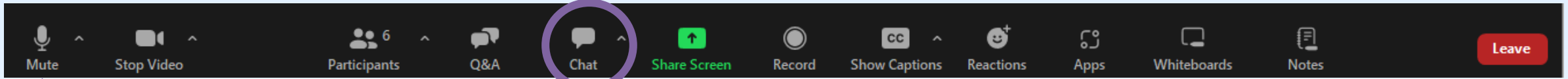
We will begin in **5** minutes



# Grants Available for Agricultural and Off-Road Emission Reduction Projects

Jessica DePrimo • Itsel Guzman • Megan Mabry • Spencer Pignotti • Tommy Nguyen  
October 10, 2024 • Bay Area Air Quality Management District

## This webinar is being recorded



- We have **muted** all the participants audio and turned off participant cameras.
- Please send questions to “**Pls send me your questions - Megan**” in the chat box. (We will answer them at the end of the presentation.)
- Presentation slides are available at <https://www.baaqmd.gov/funding-and-incentives/apply-for-funding> and the recording will be posted there as well.
- Email [grants@baaqmd.gov](mailto:grants@baaqmd.gov) for other questions or needs.

# Order of Discussion

## Background

- Air District priorities

## Funding Overview

- Geographic eligibility requirement
- Funding available

## Funding Category

- Equipment and projects types
- Eligibility requirements

## Application Process

- How to apply
- Process overview



## AIR DISTRICT

- 9 counties
- 7 million people

## AIR QUALITY AGENCY

- **Grants for mobile equipment**
  - Fund technologies and projects that reduce air pollution
  - Community input to inform Air District's outreach and project types

BAAQMD



est. 1955

# Priority Areas

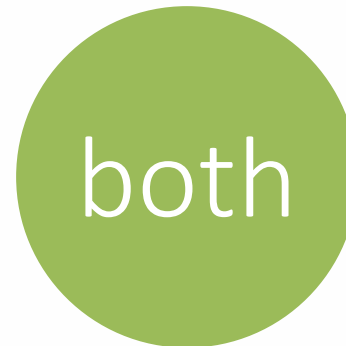
Includes AB 617 Communities of West Oakland, East Oakland, Richmond-San Pablo, and Bayview-Hunters Point/SE San Francisco.



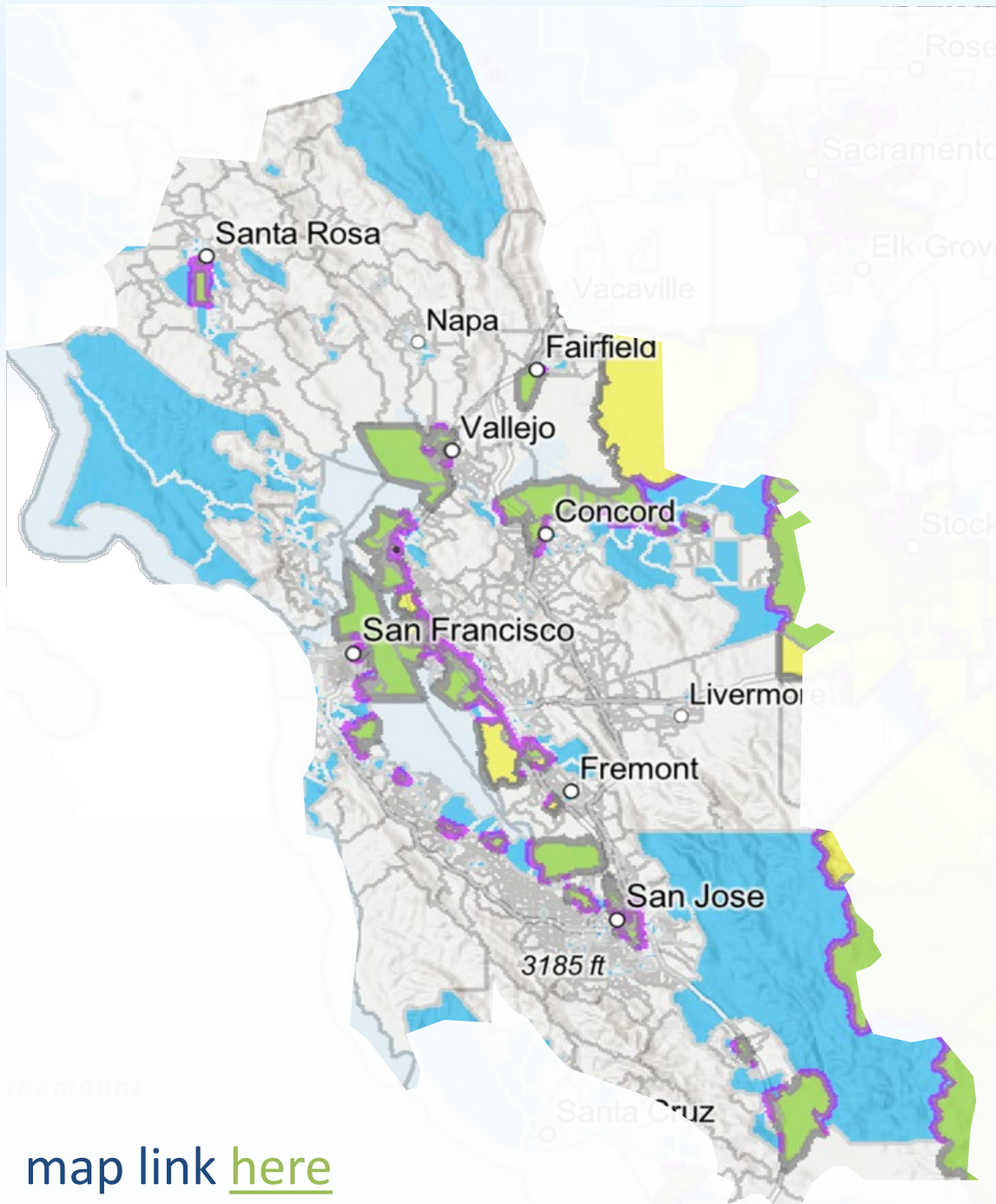
Low-income Community



Disadvantaged Community



green = blue + yellow



map link [here](#)

# Fill this out



Emissions Reduction Incentive Program

## 2024-2025 Geographic Eligibility Form

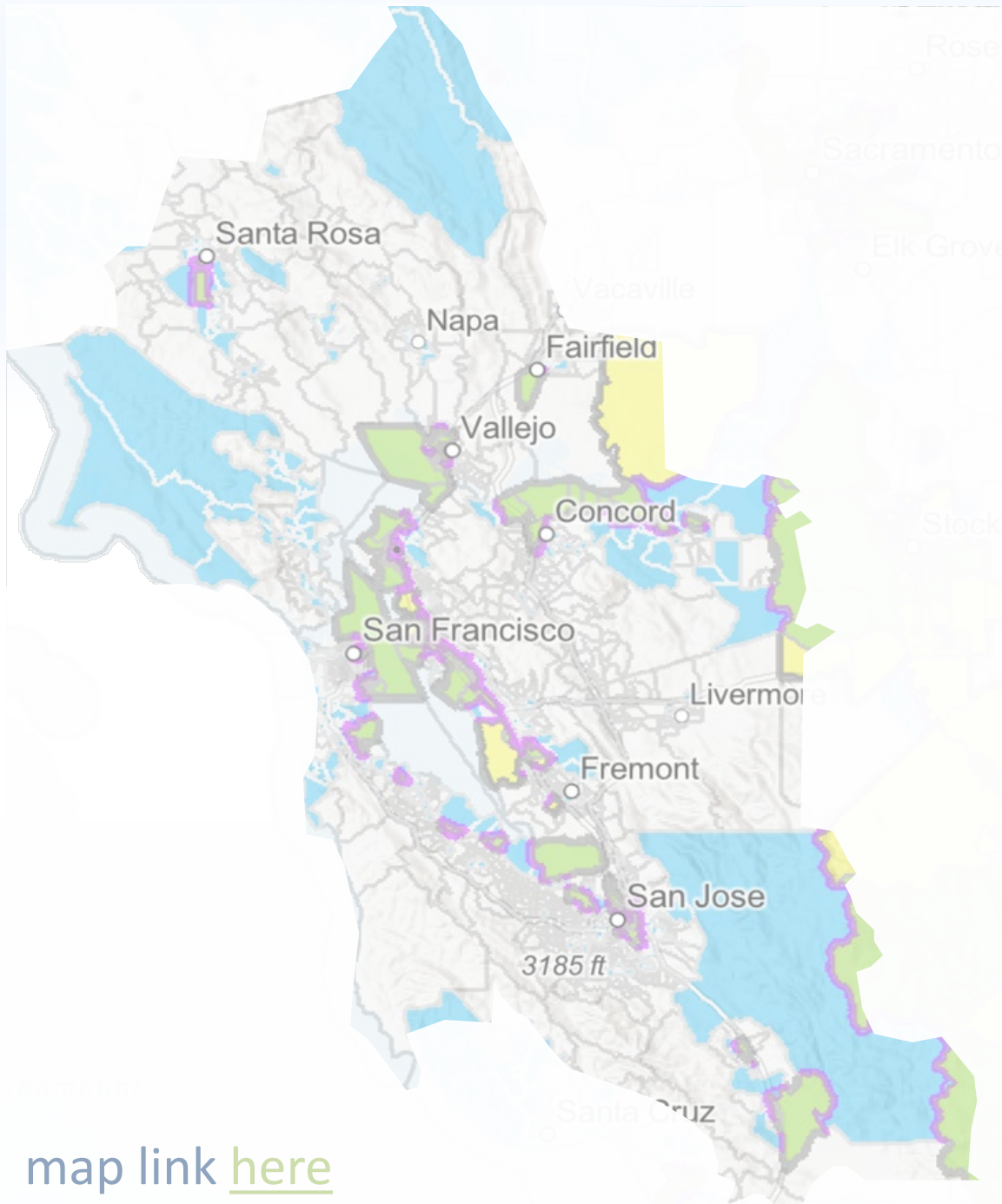
Funding for this cycle is only available for eligible projects where emission reductions benefit the Air District's most impacted communities, as defined below.

Applicants must complete **Page 1** of this form and submit it with their [application](#). Please see page 2 for additional instructions. Provided information will be verified by Air District staff.

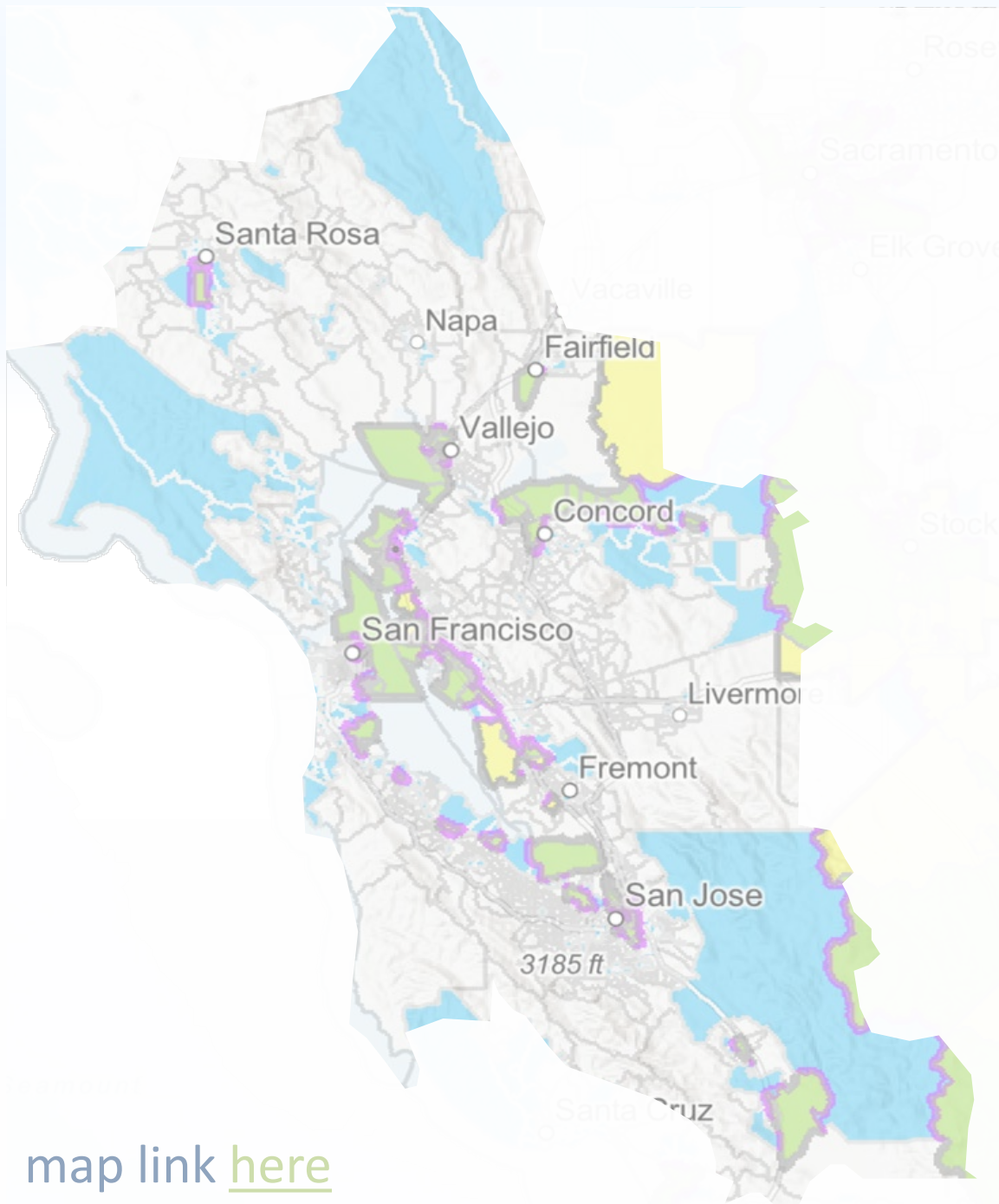
### Form:

To my best knowledge, this proposed project is: *(check applicable box)*

- **A marine vessel:**
  - Domiciled in West Oakland, East Oakland, Richmond-San Pablo, or Bayview-Hunters Point/Southeast San Francisco
  - Operating 90% within the San Francisco Bay.  
*For the purposes of this program, the San Francisco Bay includes all of the waters to the east of the Golden Gate Bridge, that include the San Francisco Bay, San Pablo Bay, and Suisun Bay, and connecting navigable waters within the Air District's jurisdiction.*
- **A locomotive:**
  - Domiciled in,
  - Operating at least 30% in,
  - With at least one stop in,  
West Oakland, East Oakland, Richmond-San Pablo, or Bayview-Hunters Point/Southeast San Francisco
  - OR
  - Owned and operated by a public agency, and going to zero or near-zero emission technology
- **A school bus or transit bus:**
  - Domiciled in,
  - With at least one stop in,  
West Oakland, East Oakland, Richmond-San Pablo, or Bayview-Hunters Point/Southeast San Francisco OR other areas in the Bay Area designated as disadvantaged or low-income communities
- **Off-road equipment:**
  - (non-agricultural) operating at least 30% in West Oakland, East Oakland, Richmond-San Pablo, or Bayview-Hunters Point/Southeast San Francisco OR other areas in the Bay Area designated as disadvantaged or low-income communities
  - Agricultural equipment



map link [here](#)



map link [here](#)

**\$75M**

projects in  
priority  
areas

**\$10M**

agricultural  
projects  
in any area

**\$5M**

locomotive  
projects

**Applications first come, first served**  
**Deadline: February 6, 2025 @ 5:00 p.m.**



# Project Types

## Replacement

Replacement of older, dirtier equipment with newer, emission-certified or cleaner equipment

## Repower

Replacement of existing engine with a newer, emission-certified or cleaner engine

## Conversion

Replacement or modification of original engine or vehicle with a cleaner engine or system that provides motive power and different fuel

## Add-on Infrastructure

Installation of alternative fuel and charging infrastructure to support eligible equipment

# Off-road

Application Period Ends: **Feb 6**



excavator



loader



portable engine

Eligible  
Replacement  
Technology

diesel

hybrid

electric

infrastructure

# Agricultural

Application Period Ends: **Feb 6**



tractor



skid steer loader



backhoe

Eligible  
Replacement  
Technology

diesel

hybrid

electric

infrastructure

# Forklifts

< 8,001 lbs. Lift Capacity

Application Period Ends: **Feb 6**



diesel



large spark ignition (LSI)

Eligible  
Replacement  
Technology

diesel

hybrid

electric

infrastructure

# Airport Ground Support Equipment

Application Period Ends: **Feb 6**



ground power unit



passenger stand



baggage tug



belt loader

Eligible  
Replacement  
Technology

~~die~~l~~~~

~~hy~~ri~~d~~

electric

infrastructure

# Transportation Refrigeration Unit

Application Period Ends: **Feb 6**



Trailer TRU



Box Truck TRU

Eligible  
Replacement  
Tech

~~die~~l~~~~

~~hy~~ri~~d~~

electric

infrastructure

# Additional Funding Categories



**School Buses**



**Marine vessels**



**Locomotives**



**Heavy-Duty Trucks**

# Eligibility Basics

- **Scrap and Replace:** must retire and destroy old equipment
- Demonstrate old equipment is operational
- Demonstrate usage in Bay Area for previous 24 months
- Operate equipment in Bay Area 75+% of time
- **Old equipment:** Tier-0 – Tier-3 diesel engines  $\leq 25$  HP (LSI  $> 25$ HP)
- **New equipment:** cleanest available diesel, hybrid, or electric



# Regulatory Compliance

- Comply with any applicable air quality regulations
- No air permit violations
- Complete project before any compliance deadlines
- Cannot use funding to achieve compliance
- Call the CARB regulatory hotline for more info  
**(1-866-6-DIESEL)**

# Reimbursable Costs

- Base cost of equipment or replacement engine  
(no additional features, options, upgrades, or add-ons)
- Essential features for the same work and included on old equipment (Examples: 4WD, cabs, loader attachments, weights, blades, etc.)

- Sales tax
- Freight charges



# Maximum Percentage of Eligible Costs for Moyer Program Off-road Projects

Project	Maximum Percentage of Eligible Costs
Diesel repower	85%
LSI repower	85%
Repower to zero-emission	85%
Mobile equipment replacement	80%
Portable equipment replacement (excludes stationary)	80%
Retrofit	100%

# Eligible Add-on Charging Infrastructure Funding

## Installations of

- Non-residential battery charger
- Hydrogen fueling stations
- Agricultural pump electrification
- Other (case-by-case)

## Reimbursable Costs

- Design and engineering (incl. CEQA)
- Equipment
- Construction / installation of the station
- Meter/data loggers
- Shipping charges and taxes

# ZE Infrastructure Reimbursement Rate

Project Type	Infrastructure	Infrastructure with Solar or Wind Powered System
<ul style="list-style-type: none"><li>• Off-road</li><li>• Agriculture</li><li>• Small Forklift</li><li>• TRU</li></ul>	50%	65%

# How to Apply

1. Determine whether equipment qualifies for funding
2. Gather all the information about the equipment and required documents.
3. If applicable, contact an authorized dealership and identify best replacement equipment.
4. Login or create an account on the Air District's website and begin application

# How to Apply

## Apply for Funding

UPDATED 9/26/2024

Air District / Funding and Incentives / Apply for Funding

Over \$90 million in incentive funding is being offered to assist businesses and public agencies in reducing their emissions through vehicle and equipment upgrades and the installation of supporting zero-emission infrastructure.

NEW 9/24/2024

### How to Apply

The equipment categories that are currently eligible for funding are listed below. Before applying, check the project category web pages for additional requirements and eligibility criteria. Then click the Apply Now link to apply through our online application portal. For instructions on using the online system, please reference our [user guide](#) (2 Mb PDF, 12 pgs, revised 10/11/2017).

To apply, visit this online application portal:

[APPLY NOW](#)

Applications are being accepted on a first-come, first-served basis until all funds have been awarded. Applications will be accepted until 5:00 PM on February 6, 2025. Only complete applications will be evaluated.



 BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT

#### Account Login

Returning User? Please log in.

Username

Password

[Log In](#)

[Forgot Password](#)

[New User? Please create an account.](#)

<https://www.baaqmd.gov/en/funding-and-incentives/apply-for-funding>

# Application Documents

## Required documents to be collected and attached to the application

1. Ownership documentation showing at least two years of ownership (e.g., Bill of Sale, tax or insurance records, appraisals or surveys, or service records)
2. Usage documentation (for a minimum of the previous 24 months from the time of application submission) signed and dated with language certifying it is accurate
3. Current General Liability Insurance, if available
4. Compliance documentation through the California Air Resources Board signed and dated with language certifying it is accurate and complete, often:
  - 1) DOORS fleet list with EIN numbers showing fleet size, 2) summary compliance snapshot with compliance status, and 3) DOORS generated list of previously funded equipment
5. Itemized Quote and manufacturer specs sheet for the replacement equipment (provided by the vendor)
  - The quote should include itemized costs, including taxes
6. CARB Engine executive orders (EO) for the new and old engine (Tier 1 or later)
7. BAAQMD signed regulatory compliance statement
  - Found under the “Resources” header of the Funding and Incentives webpage
  - <https://www.baaqmd.gov/funding-and-incentives/apply-for-funding>



# Application Submission – Next Steps

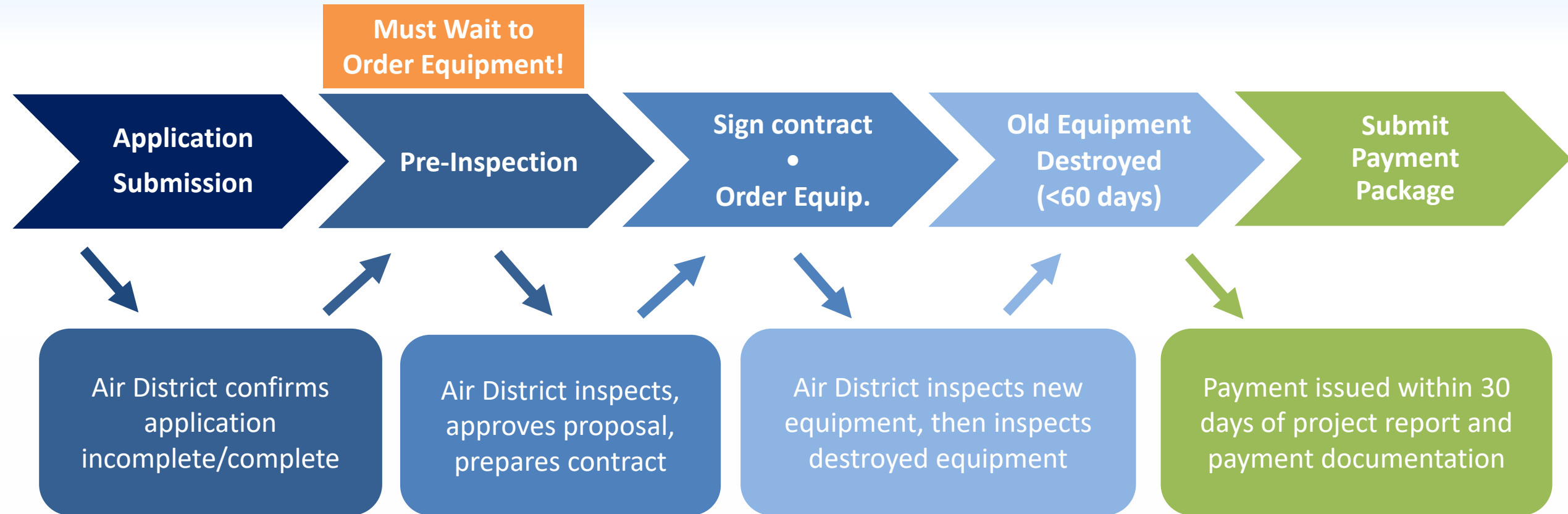
## **After your application is completed and submitted:**

- Air District staff will contact you **within five business days** to let you know if anything is missing or needs additional information

## **After all required information is submitted, your project will be evaluated:**

- If your project is not eligible for grant funding, you will be notified, and your application will be denied in the online system
- If your project is eligible for grant funding, you will receive an email once your project is approved for grant funding

# Process Overview



# Approved Dealerships

- A complete list of Air District-contracted Bay Area equipment dealers can be found at [www.baaqmd.gov/offroad](http://www.baaqmd.gov/offroad) and [www.baaqmd.gov/agriculture](http://www.baaqmd.gov/agriculture)
- The Air District has contracted with Bay Area equipment dealers to assist applicants to apply for off-road/agricultural equipment replacement projects
- The Air District may work with non-contracted dealers, on a case-by-case basis, for projects where the proposed equipment is for advanced technology (e.g., zero-emissions equipment) and/or is not available locally

# Thank you for attending today's webinar!

Staff	Program	Email Address	Phone Number
Jessica DePrimo	Off-Road & Agriculture	<a href="mailto:jdeprimo@baaqmd.gov">jdeprimo@baaqmd.gov</a>	(415) 749-4693
Daniel Anderson	PERP & Stationary Agriculture	<a href="mailto:danderson@baaqmd.gov">danderson@baaqmd.gov</a>	(415) 749-8717
Daniel Langmaid	TRUs	<a href="mailto:dlangmaid@baaqmd.gov">dlangmaid@baaqmd.gov</a>	(415) 749-4701

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# Comments and Questions