



Cargo Handling Equipment Funding Opportunities Webinar

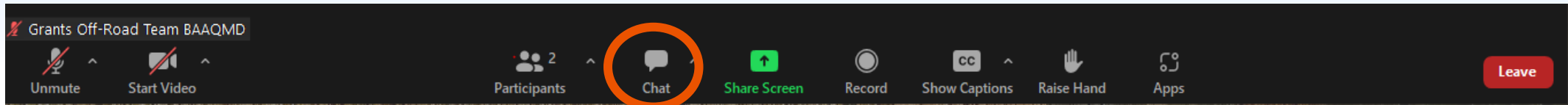
March 15, 2023

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Bay Area Air Quality Management District**



Webinar Information

This webinar is recorded



- We have muted all the participants audio and turned off video.
- Please send your questions to the “Pls send me your question - Cynthia” host 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 for a copy of the slides and recording, if needed.



Agenda

- Background on the Air District (BAAQMD)
- Available grant programs
- Basic eligibility requirements
- Funding overview
- Application Overview
- Q & A



BAAQMD Background

- The Air District
 - Established in 1955
 - Serves over seven million residents in the nine Bay Area counties
 - Mission: To protect and improve public health, air quality, and the global climate
- Strategic Incentives Division
 - Target emission reductions from mobile sources
 - Fund technologies and projects with the greatest potential to reduce air emissions from criteria pollutants
 - ❖ Criteria pollutants (NO_x, PM, and ROG)
 - ❖ Toxic air contaminants
 - ❖ Greenhouse gases (GHG)
 - Help improve air quality in the highly-impacted Bay Area communities (CARE and CAP Areas)





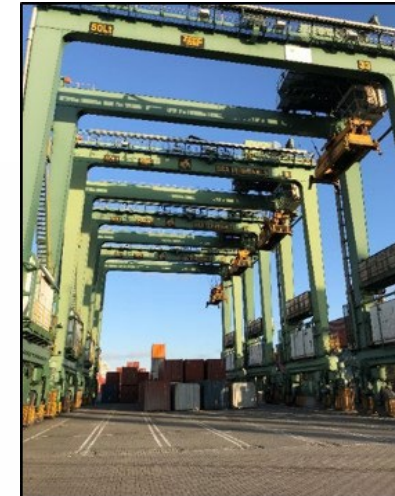
Funding Opportunities

- Voluntary state-funded programs that aim to achieve emissions reductions from diesel equipment beyond what is required by law
- Funding priority is given to projects operating in the following Priority Areas:
 - West Oakland
 - East Oakland/San Leandro
 - Pittsburg-Bay Point area
 - San Jose
 - Eastern San Francisco
 - Richmond-San Pablo
 - Tri-Valley area
 - Vallejo
 - Bayview / Hunters Point
- Applications are currently being accepted on a **first-come, first-served** basis until all funding has been allocated
- Focus on the cleanest available technologies and infrastructure
- Here are other state funding opportunities for CHE:
 - **CORE, VW Mitigation Fund, and Goods Movement**



Project Types

- **Equipment replacements:** The replacement of older, dirtier equipment with newer, emission-certified equipment
- **Repower of existing equipment (engine repower):** The replacement of an existing engine with a newer emission-certified engine
- **Infrastructure:** The installation of alternative fuel and charging infrastructure to support eligible equipment





Basic Eligibility

1. Must be in compliance with applicable CARB Rules and Regulation
2. Project Completion 3 years before applicable compliance deadlines
3. Equipment must be operational and operate within the Air District's boundaries 75% of the time (**not applicable to VW Projects**)
 - Baseline Engine: Tier 0 – 4, at least 25 horsepower
 - Replacement Engine: Tier 4 Final or Electric, no greater than a 25% horsepower increase
4. Document ownership and usage history for the previous 24 months
5. Existing engines/equipment replaced as part of a funded project must be scrapped and destroyed

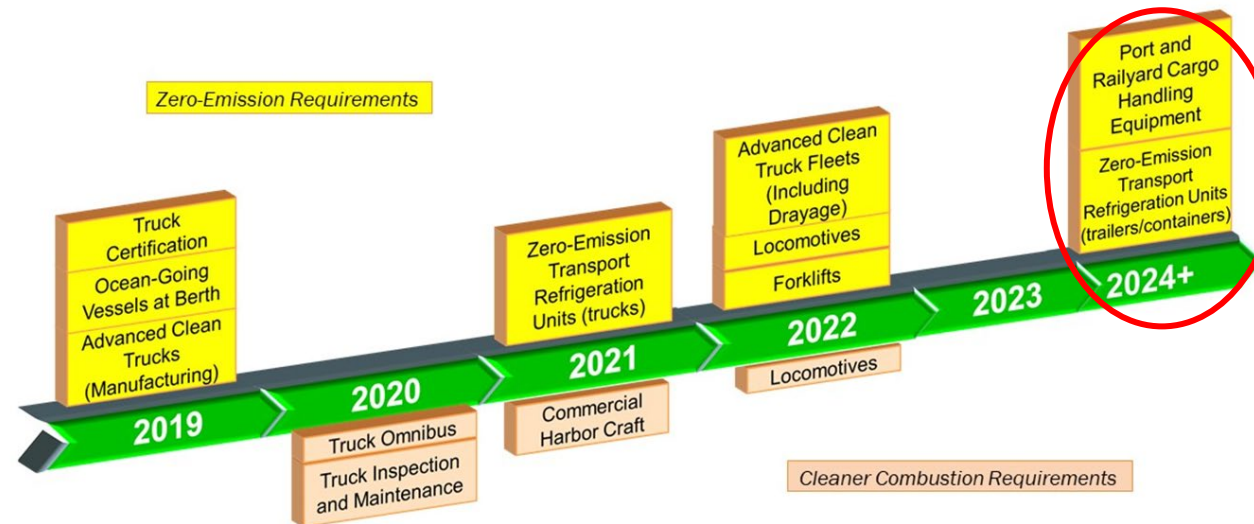


CHE Compliance

PLEASE NOTE:

- CARB Board consideration of CHE Regulation to Transition to Zero-Emissions planned for 2024

New CARB Rules to Cut Pollution from Freight



Timeline shows first Board hearing date

Sources: CARB, Electrifying America's Ports, Presentation 2022

- Call the CARB regulatory hotline at 1-866-6-DIESEL if you are unsure which regulation your equipment falls under or cannot determine whether you are eligible to apply.



CHE Projects

Eligible Project Types include:

Yard Trucks, forklifts, Rubber-Tired Gantry Cranes (RTGs), and other CHE with engines greater than 25 hp

Zero-emission projects are highly encouraged

- Associated Charging Infrastructure

Grants up to 80-85% of eligible costs

www.baaqmd.gov/offroad





Infrastructure Funding

The Infrastructure category includes:

- Battery charging stations (non-residential)
- Hydrogen fueling stations
- Shore power
- Other infrastructure on a case-by-case basis
- Eligible costs: design and engineering, equipment, installation directly related to the construction of the station, meter/data loggers, and on-site power generation systems such as solar and wind power generation equipment.

www.baaqmd.gov/infrastructure



Max funding	Project Type
50%	All Projects
65%	Projects with Solar/Wind



CHE Funding Examples

Old Equipment	New Equipment	Eligible Costs	Max % Eligible Costs	Usage	Award Amount
2013 74 hp, Tier 4	2022 Battery Electric 36kW	\$143K	75%	4,200 hrs & 3 years	\$107K



Proposed CE Limit increase for ZE in '23 from \$102K to \$522K /T



How to Apply

- Review project requirements online and attend a webinar
- Contact staff with questions
- Determine whether the equipment qualifies for funding
- Start gathering all the information about the equipment and required documents

- **Apply online at:**
<https://www.baaqmd.gov/funding-and-incentives/apply-for-funding>

Apply for Funding **UPDATED 1/25/2023**

Air District / Funding and Incentives / Apply for Funding

Over \$100 million in funding is available to assist vehicle and equipment owners in reducing emissions in the Air District's jurisdiction through vehicle and equipment replacement and installation of zero-emissions infrastructure.

How to Apply

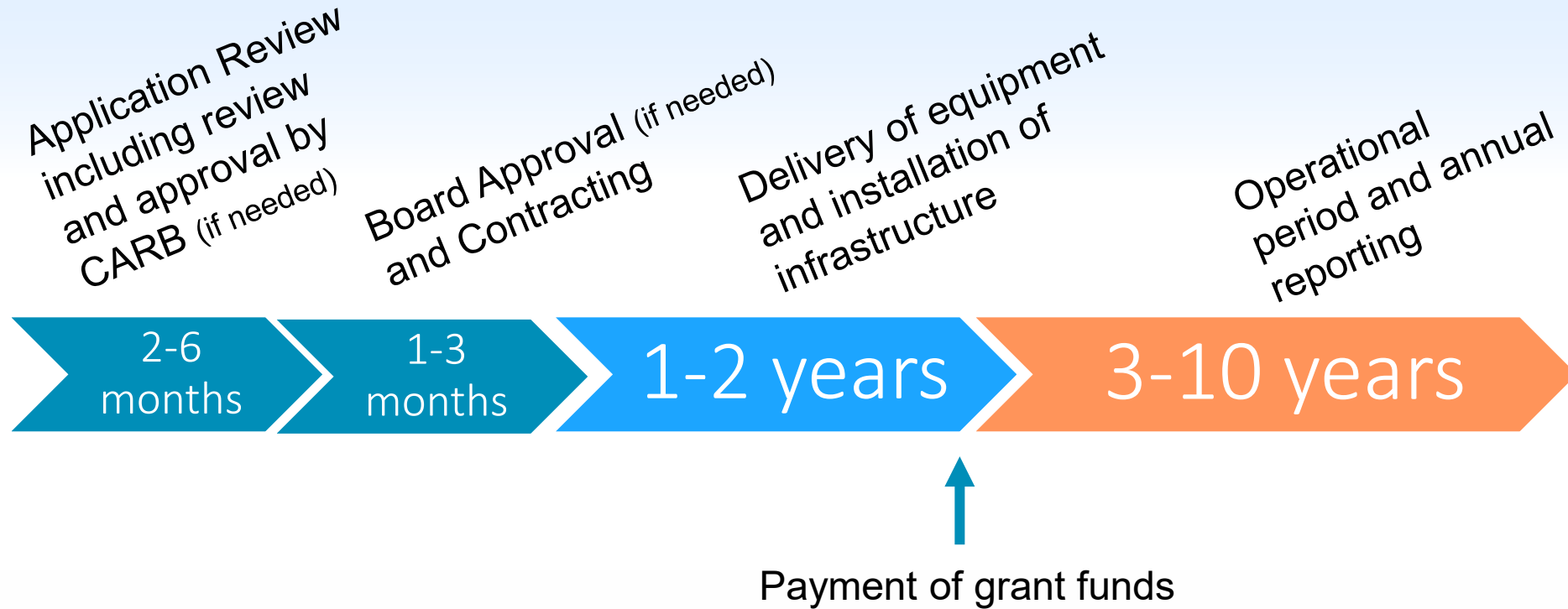
Before applying, check the web page specific to your project category to understand eligibility requirements.

After assuring that your project is eligible, fill out and submit an application through our online application portal. For instructions on using the online system, please reference our [user guide](#) (2 Mb PDF, 12 pgs, revised 1/30/2023).

APPLY NOW



Timeline of a Funded Project





Programs and Contact Information

VW Program: <https://www.californiavwtrust.org/zero-freight-marine/>

Prop 1B Goods Movement: <https://www.baaqmd.gov/funding-and-incentives/funding-sources/goods-movement-program-and-vendor-list>

Off-Road Program: <https://www.baaqmd.gov/funding-and-incentives/businesses-and-fleets/off-road-vehicles>

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Questions?