



# **Carl Moyer Program 101**

April 29, 2026

# Carl Moyer Program Background

- Established in 1998
- Statewide emission reduction program
  - Economical
  - State Implementation Plan (SIP) creditable
- Environmental justice requirement for large air districts
- Implemented locally through air district partnerships



# Partnership Between State & Air Districts

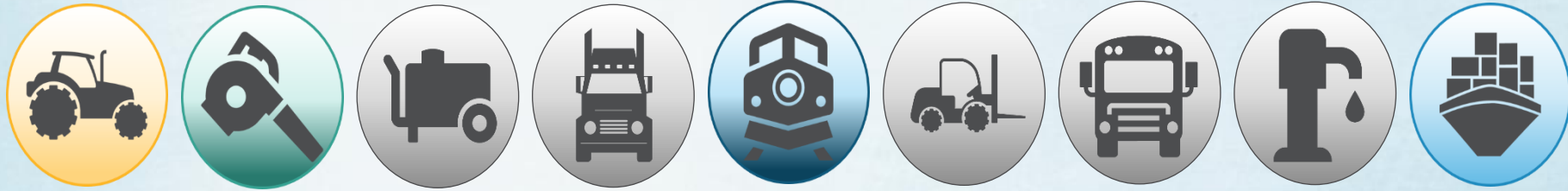
- CARB's Role
  - Manage Guidelines
  - Provides guidance to air districts
  - Manages and distributes funds
  - Provides program oversight

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- Air District's Role
  - Implements the program
  - Selects projects
  - Contracts with applicants
  - Inspects and enforces
  - Monitors projects



# Eligible Source Categories



- On-Road Heavy-Duty Vehicles
- Off-Road Diesel and Spark Ignition Equipment
- Stationary and Portable Agriculture Equipment
- Locomotives
- Marine vessels
- Lawn and Garden Equipment
- Infrastructure

# On-Road Eligibility



- **Project Types**: Vehicle replacements, repowers, and conversions
- **Popular Equipment**: 14,001 lbs. and greater HD trucks and buses, drayage trucks, solid waste collection vehicles, public agency/utility vehicles
  - 8,501 lbs. and greater school buses
- Existing vehicles must be operational and in-service.

## Funding Percentages

- Large fleets (> 20 vehicles)
  - Up to 50% of costs
- Small fleets (20 or fewer)
  - Up to 80% of costs

## Funding Amount Example

- \$125k for a On-road Truck Replacement

# Off-Road Equipment Project Types and Funding Amounts



Repower

Replacement

Retrofit

## Funding Percentages

- Combustion Replacement 80%
- Repowers & ZE Replacement 85%
- Portable replacement 80%
- Retrofit 100%

## Average Funding Amount

- \$150k for a Construction Equipment Replacement

# Locomotive Project Types and Funding Amounts



## Average Funding Amount

- \$1.5 million for a locomotive repower

Replacement

Repower

Conversion

Retrofit

## Funding Percentages

- Class 1 and Class 2 Line Haul: 80%
- Class 3, Switcher, and Passenger: 85%

# Marine Vessels Project Types and Funding Amounts



Repower

Vessel Replacement

Retrofit

Ship-side Shore Power

Capture and Control System

## Funding Percentages

- Repower: Combustion: 80-85% and ZE/ ZE-Capable Hybrid: 85%
- Vessel Replacement: 85%
- Retrofit: 85%
- Ship-side Shore Power: 85%
- Capture and Control System: 85%

## Average Funding Amount

- \$80,000 for Marine Vessel Projects

# Light-Duty Project Types and Funding Amounts

- Voluntary Accelerated Vehicle Replacement (VAVR)
  - Project Types: car scrappage or old vehicle buy back
  - Passenger cars
  - Light-duty trucks (up to 10,000 lbs GVWR)
  - Diesel or gas powered
- Clean Cars 4 All (CC4A)
  - Project Types: Co-funding with Moyer State Reserve funds where the replacement is a zero-emission vehicle project

## Funding Amount

- Up to \$3,000 per vehicle



# Lawn and Garden Project Types and Funding Amounts

- Vouchers for the replacement of combustion lawn & garden equipment with cordless zero-emission tools
- Requires scrappage
- Residential and commercial applicants; 15% cost share

Equipment	Residential Grant Amount	Commercial Grant Amount
Chainsaws/Trimmers/ Edgers/ Brushcutters	\$300	\$700
Leaf blowers/ Vacuum	\$200	\$1,400
Walk Behind Lawn Mowers	\$330	\$1,500
Ride-on or Stand/Sit Mowers	\$2,000	\$15,000



# Infrastructure Project Types and Funding Amounts

- Project Types:
  - Battery Charging Stations
  - Hydrogen Fueling Stations
  - Shore-side Shore Power Electrification
  - Portable Power
  - Other Types



## Funding Percentages

- Baseline for all Projects: 60%
- Public School Bus Projects: 100%

## Additional Funding Amount

- Additional +10% for projects with renewable solar or wind power systems
- Additional +10% for projects located near sensitive receptors
- Additional +10% for applicants of heavy-duty truck parking facilities that provide communal charging opportunities
- Additional +15% for publicly accessible projects or where the applicant is a public entity

## Funding Amount Example

- \$500,000 for an Infrastructure project

# Carl Moyer Contacts

## **On-Road:**

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# Next Up





San Diego County Air Pollution Control District

# Clean Transportation Incentive Funding

Featuring the Short-Haul Zero-Emission Truck Pilot Program

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2026



# Incentives Overview

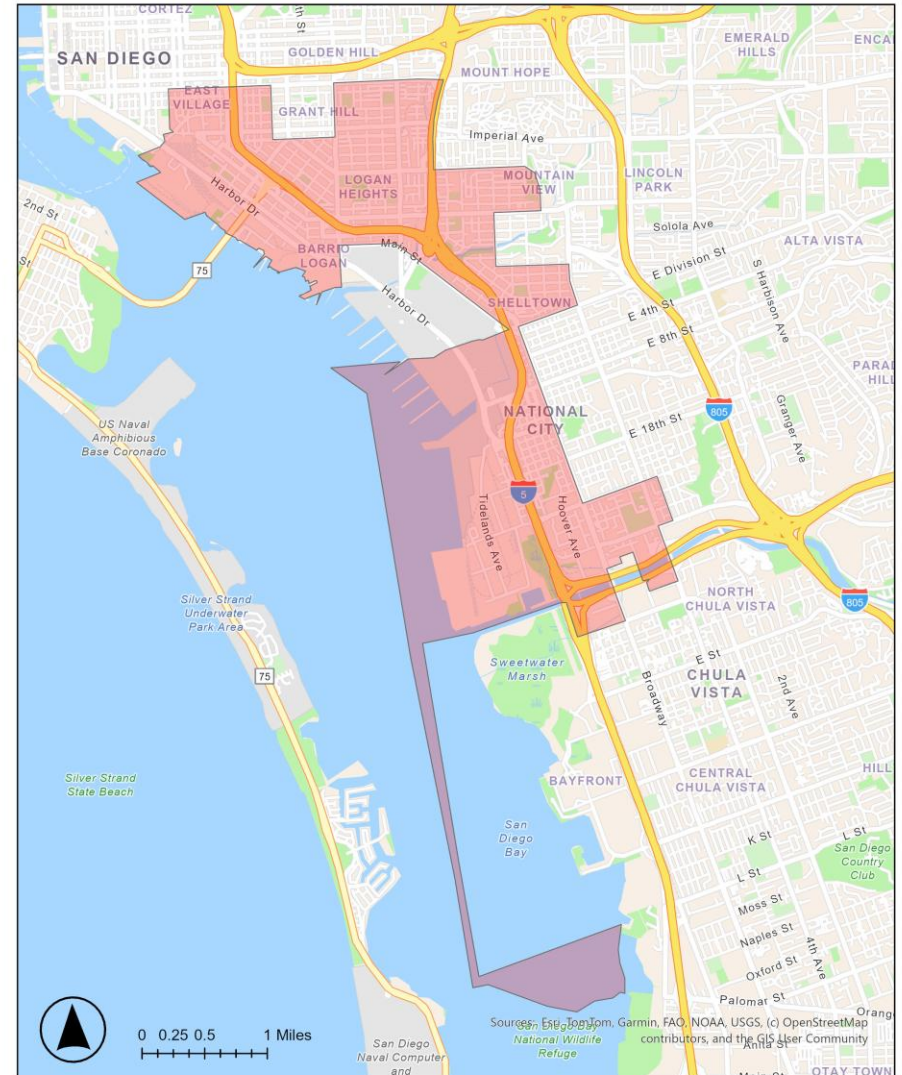
- Clean Air for All – **APPLY BY MAY 15<sup>TH</sup>!**
  - Trucks
  - School Buses
  - Off-road
  - Infrastructure
  - And more!
- Coming soon: Zero-Emission Cargo Handling Equipment Pilot
- Today's focus: Short-Haul Zero-Emission Truck Pilot



# ZE Truck Pilot Program

- Program goal: replace diesel truck trips to San Diego Portside Community with zero-emission truck trips
- Supports Portside Community Emissions Reduction Plan
- Designed to help organizations convert to zero-emission in real-world operations *with no scrap requirement*

## PORTSIDE COMMUNITIES (AB 617- COMMUNITY AIR PROTECTION PROGRAM)



# Funds Are Available Now

- About \$2 million remaining
- Funding available on first-come, first-served basis
- Support from SDAPCD staff throughout application process
- Partnerships with Port of San Diego and local dealerships



# Funding Details

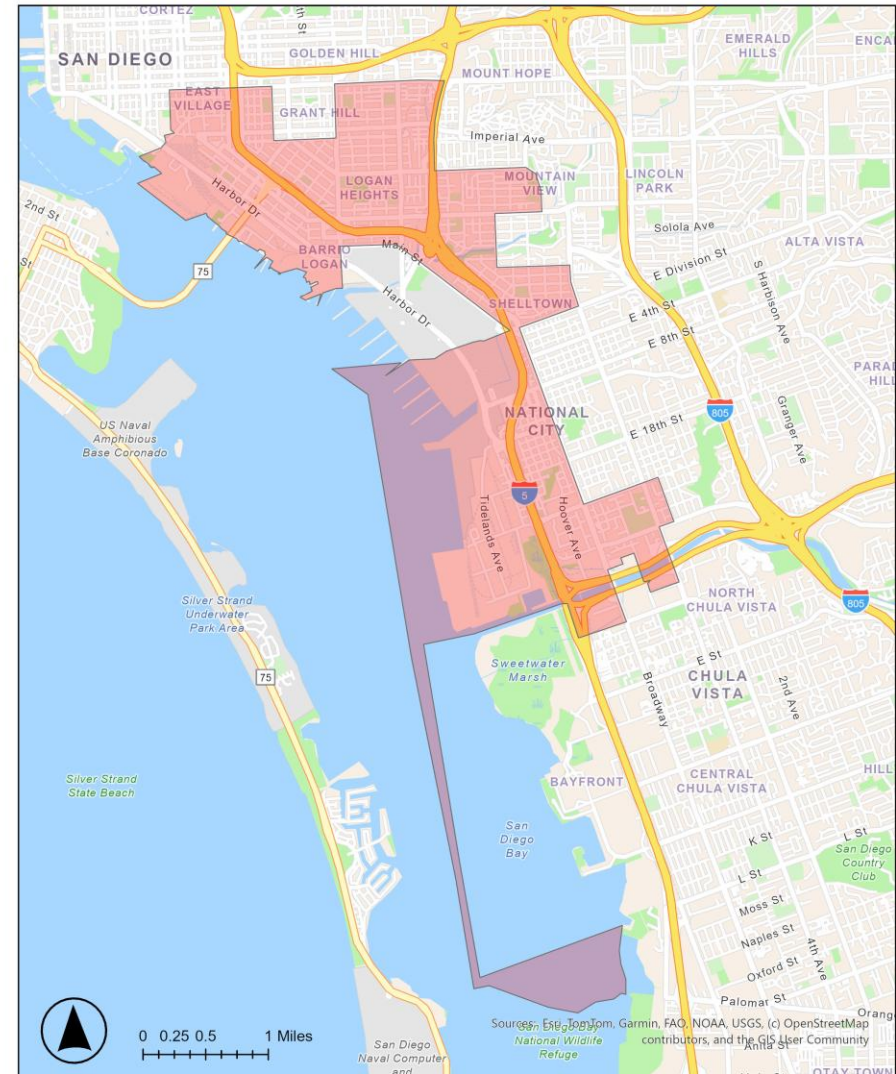
- Reimbursement of up to 90% OR \$250,000 (whichever is lower)
- Purchase or leasing allowed
- Co-funding allowed and encouraged, but verify with other funding sources



# Program Requirements

- Heavy-duty, diesel-fueled trucks (>14,000 lb GVWR)
- Make at least 52 trips per year into Portside Community
- Demonstrate charging/fueling availability
- Allow inspection of vehicle(s)
- Participate in outreach events

**PORTSIDE COMMUNITIES  
(AB 617- COMMUNITY AIR PROTECTION PROGRAM)**



# What is *Not* Required

- Scrappage – no requirement to dispose of a truck you still need
- Port operation – no requirement to *exclusively* operate at the Port – still must meet 52 minimum annual trips to Portside Community

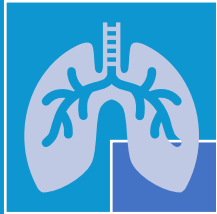


# Benefits



## Pollution Reduction

- Diesel particulates
- Nitrogen oxides
- Greenhouse gases



## Exposure Reduction

- Drivers
- Workers
- Residents



## Fleet Upgrades

- Fuel and maintenance cost savings
- Test ZE trucks
- Expand operations



# Please Apply!

- Short-Haul Zero-Emission Truck Pilot Program
  - Open to all applicants, first-come, first-served
  - Fillable form
- Clean Air for All
  - Open now – Apply by May 15<sup>th</sup>
  - Online application
- Stop by our table
- Email us at [CleanAirGrants@sdapcd.org](mailto:CleanAirGrants@sdapcd.org)

