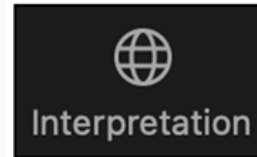


# Welcome! ¡Bienvenidos!

Simultaneous interpretation is being provided – English speakers may need to select English as their language.

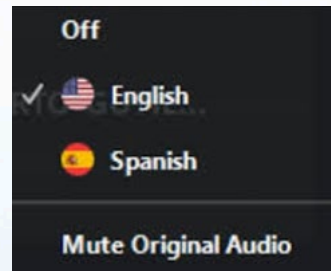
## Accessing Zoom from a computer

- Click the globe icon located at the bottom of the screen
- Choose **English**



## Accessing Zoom from a smart phone

- Click the **3 dots (more)** on the bottom right side of the screen
- Choose **Language Interpretation**
- Choose **English**
- Press **Done** on the top right side of the screen



Interpretación simultánea al español disponible – los hispanohablantes deben seleccionar su idioma.

## Entrando a Zoom por computadora

- Haga clic en el símbolo del globo terráqueo en la parte inferior de la pantalla
- Selecciona **Español**
- Apague el **Audio Original** (para solo escuchar una voz)

## Entrando a Zoom por un teléfono inteligente

- Haga clic en los **3 puntos** encima de la palabra **more o más** en la parte inferior derecha de la pantalla
- Selecciona **Interpretación**
- Selecciona **Español**
- Haga clic en **Done** o **Finalizar** arriba y de lado derecho de la pantalla



# Clean Transportation Incentives

*For Low Carbon Transportation Incentives and  
the Air Quality Improvement Program*

Public Workshop on the Fiscal Year (FY) 2024-25 Draft Funding Plan

August 29, 2024

# Today's Agenda

Time	Session
9:30 – 9:45 a.m.	Introduction and Overview
9:45 – 10:30 a.m.	Light-Duty Vehicle Purchase Incentive Projects & Sustainable Community-Based Transportation Equity Projects
10:30 – 10:40 a.m.	Break
10:40 – 11:40 a.m.	Medium- & Heavy-Duty On- & Off-Road Equipment Investments
11:40 – 11:50 a.m.	Next Steps

# Introduction and Overview



# Clean Transportation Incentives Funding Plan Purpose

- Annual detailed guide
- CARB Staff recommend how to allocate funds appropriated through State Budget for current Fiscal Year
- Outlines policy drivers and vision for investments
- Develops plan that meets community needs and agency goals



# Clean Transportation Incentives Funding To-Date

Fiscal Year	Funding Amount (millions)
2013 - 14	\$55
2014 - 15	\$219
2015 - 16	\$113
2016 - 17	\$391
2017 - 18	\$638
2018 - 19	\$483

Fiscal Year	Funding Amount (millions)
2019 - 20	\$497
2020 - 21	\$29
2021 - 22	\$1,534
2022 - 23	\$1,485
2023 - 24	\$624
2024 - 25	\$35

**Total Funding** = \$6.1 billion

# Air Quality Improvement Program (AQIP)

- Created by Assembly Bill (AB) 118 (2007); updated and reauthorized by AB 8 (2013); AB 126 extended AB 8 (2023)
- Provides foundation and framework for Low Carbon Transportation Investments
- Annual funding plan guides investments
- Focuses on incentive projects that reduce criteria pollutants and air toxics
- Proposed FY 2024-25 budget: \$34.94 million for medium- and heavy-duty projects only per statute\*

\*[California Health & Safety Code, Section 44274.\(a\)](#)

# FY 2024-25 Budget (millions)

Project Category	Greenhouse Gas Reduction Fund	General Fund	Air Quality Improvement Fund
<b>Clean Transportation Equity Projects (SB 1275)</b>	\$0	\$0	-
<b>Medium- &amp; Heavy-Duty Zero-Emission Projects</b>	\$0	\$0	-
Zero-Emission Truck Loan Assistance Project	-	-	\$5.00
Innovative Small e-Fleets (ISEF)	-	-	\$14.97
Clean Off-Road Equipment (CORE)	-	-	\$14.97
<b>Air Quality Improvement Program (AQIP)<sup>1</sup></b>	-	-	\$34.94
Subtotal	-	\$0	\$34.94

<sup>1</sup> Only for medium- and heavy-duty projects per California Health & Safety Code, Section 44274.(a)

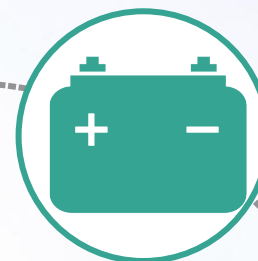
**Total Proposed Funding for FY 2024-25 = ~\$35 million**

# **Light-Duty Vehicle Purchase Incentive Projects & Sustainable Community-Based Transportation Equity Projects**

# Vehicle Purchase Incentive Programs

## Driving Clean Assistance Program (DCAP) Statewide

Replace older vehicles with clean vehicles and provide financial assistance to purchase clean vehicles



## Zero-Emission Assurance Project (ZAP)

Incentives for battery or fuel cell replacements



## California Integrated Travel Project (Cal-ITP)

Payment issuance strategy



## Access Clean California

Increase awareness of clean transportation equity incentives



## California E-Bike Incentive Project

Incentive provisions for electric bicycles



# Driving Clean Assistance Program (DCAP)



## DCAP Project Updates

- No funds appropriated in the FY 2024-25
  - Project has funds from previous year allocations
  - Proposed formula for future allocations
- Soft launch planned in Imperial Valley with a statewide launch to follow
  - Regional project launch
  - Needs-based approach
- Project criteria change
  - Previous loan cap amount was \$30,000
  - Staff recommends increasing cap amount to \$45,000

# Regional Clean Cars 4 All



## CC4A Regional Program Updates

- No funds appropriated in FY 2024-25
  - Program has funds from previous year allocations
  - Shift funds from FY 2023-24 DCAP to meet regional program demand
- Propose no additional changes to program criteria
- Implementing program changes approved in FY 2023-24 Funding Plan
- Update funding allocation formula to be presented in Proposed Funding Plan
- Continue improvement on surveying and identification of underserved populations



# Background on ZAP

Established by  
AB 193

Helps  
lower-income  
Californians reduce  
risk of buying an  
unreliable used  
zero-emission  
vehicle

Rebate for  
replacement of  
battery or fuel cell  
component

- No funds appropriated in the FY 2024-25
- Expected project launch in 2025

# Potential Zero-Emission Assurance Project (ZAP) Policies: Participant Eligibility

**Anyone who has participated in CARB's Clean Cars 4 for All or Financing Assistance projects are eligible if:**



Maintained continuous ownership

Have household income at or below 300% of the Federal Poverty Level

Limit incentive/warranty to one per vehicle

# Potential ZAP Policies: Vehicle Coverage and Rebate Amount

- Fifteen years after the date of manufacture or up to 200,000 miles, whichever is later.
- Rebate up to \$7,500 to replace premature failure of batteries or fuel cell components, including labor, **or**
- Grant equivalent up to \$7,500 to purchase a new or used clean vehicle.
  - Stackable with any other local or federal incentive programs. Not stackable with CARB vehicle purchase incentive projects.
  - Older vehicle donated to community college automotive technician programs to assist with workforce training.

# California E-Bike Incentive Project

## Funding Overview

\$13 million currently available and \$18 million recently approved

Provides electric bicycle (e-bike) incentives between \$1,750 to \$2,000

A subset of \$5 million set-aside for priority applicants

Funds available for community-based organizations to assist with outreach and education

## Eligibility & Process

California residents 18 years and older

Household income at or below the 300% Federal Poverty Level (FPL) (at or below 225% for priority applicants)\*

Applicable to Class I, II or III e-bikes and Underwriter Laboratories or European Standard certified

Vouchers redeemable at brick-and-mortar or online retailers

\*300% FPL threshold: 1-person household = \$45,180; 4-person household = \$93,600  
225% FPL threshold: 1-person household = \$33,885; 4-person household = \$70,200

# Soft Launch Lessons Learned



[Ebikeincentives.org](https://ebikeincentives.org)

**1**

Additional coordination needed between applicants and retailers

**2**

Simplify the project's incentive structure

**3**

Expand list of eligible e-bike accessories

Statewide launch planned for 2024

# Sustainable Community-Based Transportation Equity Projects

## No FY 2024-25 Funding or Policy Updates

### Statewide Clean Mobility Options Voucher Pilot Program (CMO)

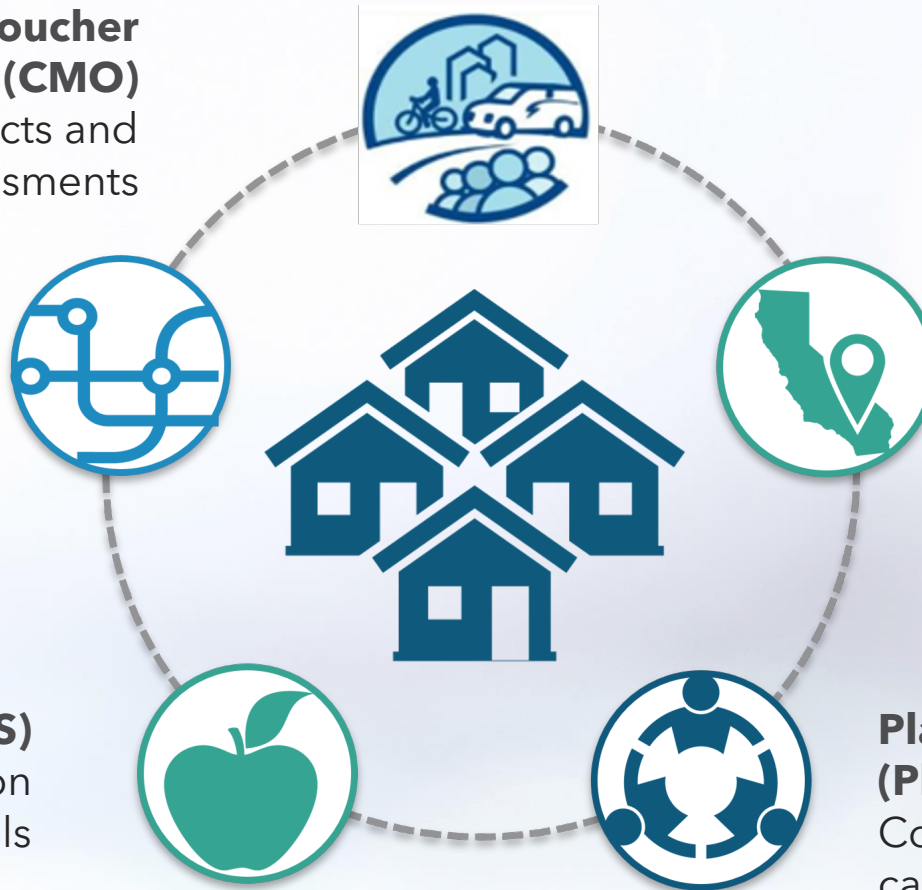
Small-scale, shared-mobility projects and community transportation needs assessments

### Sustainable Transportation Equity Project (STEP)

Place-based projects to address community mobility needs and reduce vehicle miles traveled

### Clean Mobility in Schools (CMIS)

Clean transportation and education projects at K-12 public schools



**For more information, visit:**

[ww2.arb.ca.gov/sustainable-community-based-transportation](http://ww2.arb.ca.gov/sustainable-community-based-transportation)

### Regional Clean Mobility Options Pilot Projects

Early pilots to provide shared mobility services

### Planning and Capacity Building (Planning)

Community-led planning and capacity building projects

# Comments and Questions on the Light-Duty and Mobility Incentive Projects Session



Use the raised hand function  
(#2 if calling in by phone)



Please state your name and affiliation, if any,  
before asking a question or making a comment.



You may also email questions to  
[CleanTransportationIncentives@arb.ca.gov](mailto:CleanTransportationIncentives@arb.ca.gov)

**Break**  
**Return at 10:40 a.m.**



# **Medium- & Heavy-Duty Vehicle & On- and Off-Road Equipment Investments**

# Overview

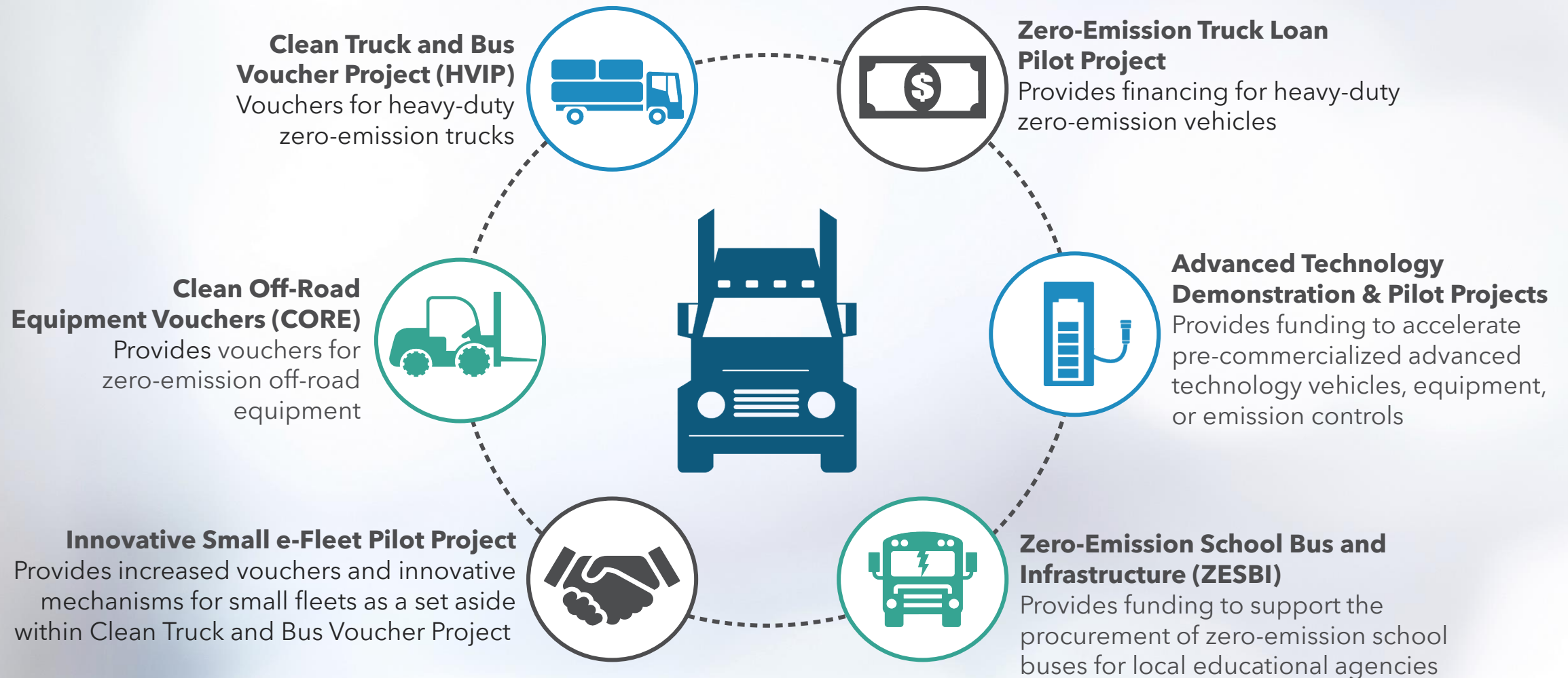
## Medium- & Heavy-Duty On- & Off-Road Equipment Investments

- Medium- and Heavy-duty vehicle purchase incentives
- Off-road equipment purchase incentives

## Investment Goals

- Build on efforts to ensure that investments are equitably distributed
- Strategically focus funds on priority communities
- Focus on reducing barriers for small fleets
- Collaboration with other State agencies and community partners

# Medium- and Heavy-Duty Incentive Projects



# Advanced Technology Demonstration and Pilots



- **Project Overview**

- Designed to Accelerate Technologies into the Marketplace
- Demonstration projects support precommercial technologies
- Pilot projects support commercialized technologies to accelerate acceptance

- **Project Status**

- Third-Party Administrator Selected: Electric Power Research Institute
- \$225 Million Joint CARB & California Energy Commission (CEC) Solicitation was oversubscribed
- 12 projects were selected for funding, and are currently in the grant agreement execution phase

# Clean Truck and Bus Voucher Project (HVIP)

- Support CARB regulatory programs
- Accelerate market transformation for cleanest technologies
- Support equitable investments



## Status:

\$165 million in  
available funds

12,100+  
vehicles funded  
2,000 fleets  
participating

Vouchers may  
be exhausted by  
late 2024

## Staff Proposals:

Review voucher  
amounts and  
simplify structure

Consideration of  
a Manufacturer's  
Suggested Retail  
Price cap

Explore  
issuance of  
vehicle  
vouchers to  
fleets

[CaliforniaHVIP.org](https://CaliforniaHVIP.org)

# Zero-Emission School Bus and Infrastructure Project (ZESBI)

## Project Overview

- Joint effort with the CEC to replace older school buses with new ZESBI
- \$375 million appropriated to CARB for Fiscal Year 2023-24

## Project Status

- Currently accepting applications through September 30, 2024
- No new funding appropriated for FY 2024-25



# Innovative Small e-Fleet (ISEF)

## Status:

\$24 million in  
available funds

Continued focus  
on small fleets &  
innovation

Increased incentives for small  
fleets to access zero-emission  
technologies

Encourages fleets to explore  
all-inclusive leases,  
peer-to-peer sharing,  
as-a-service, and other  
mechanisms

## Staff Proposals:

\$14.97 of the AQIP  
appropriation

Used Truck  
Voucher Pilot







○ First Come, First Served

○ Offset Higher Zero-Emission Costs

○ CARB Determines Funding Amounts

○ Stacking Allowed – No Scrappage Required

○ Enhancements for infrastructure, small business, and disadvantaged communities



# Clean Off-Road Equipment (CORE) Voucher Update

## Staff Proposals:

Proposing \$14.97 million Air  
Quality Improvement Program

Graduate terminal tractors

Increase voucher amounts for  
forklifts >36,001 lbs. lift capacity

Funding focused solely on small  
businesses

Streamline equipment eligibility



# Zero-Emission Truck Loan Pilot

- Uses a loan loss reserve system
- Eligibility:
  - On-road ZEVs class 2b & up
  - Fleets up to 20
  - Contribution rate is set at 25%
- Administrator: California Pollution Control Financing Authority
- Partners: CA Energy Commission & Southern California Edison

## Status:

Opened  
May 1, 2024

\$5 million  
from Fiscal  
Year 2022-23

\$4 million  
from legacy  
project

## Staff Proposals:

\$5 million  
allocation for  
FY 2024-25

No policy changes  
recommended

# **CAL FLEET ADVISOR**

**NAVIGATING ZERO-EMISSION TRUCKS**

## **Program Success**

- Over 675 fleets assisted
- 41% Drayage fleets
- 30% Single Vehicle Fleet
- 61% Fleets of 10 Vehicles or Less

## Technical Assistance Program Offerings



Dedicated Personal Advisor



Funding Process Assistance



Resources & Referrals



Spanish-speaking Advisors



One-off Questions



School Bus Fleet Assistance

# Workforce Training & Development Efforts and Investments

- **Previously allocated \$4.58 million to workforce projects**
  - Inclusive, Diverse, Equitable, Accessible, and Local Zero-Emission Vehicle (IDEAL ZEV) Workforce Pilot Project - \$1 million with California Energy Commission
  - Adult & vocational school ZEV training - \$1.5 million solicitation
- **Clean Transportation Incentive Program also supports other workforce efforts**



# Compliance with Labor Standards

## (Assembly Bill (AB) 794 Implementation)

- Drayage, short-haul, and on-road terminal tractors for fleets of one or more vehicles
- Self-attestation confirming:
  - No labor law violations at time of application for incentive
  - Remain in compliance with all applicable labor laws for duration of incentive agreement
  - Retain direct control of the individuals driving the vehicle(s) funded
- More information related to AB 794 complaints, please contact the Incentives Enforcement Section:  
[IncentiveComplaints@arb.ca.gov](mailto:IncentiveComplaints@arb.ca.gov)

# Comments and Questions on the Medium-Duty & Heavy-Duty Projects Session



Use the raised hand function  
(#2 if calling in by phone)



Please state your name and affiliation, if any,  
before asking a question or making a comment



You may also email questions to  
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# Next Steps

# Funding Plan Development Schedule & Upcoming Meetings

Milestone	Date
Second Workshop: Draft Funding Plan	August 29, 2024
Evening Community Meeting	September 17, 2024
Release Proposed Funding Plan	October 11, 2024*
Evening Community Meeting	October 15, 2024
Board Considers Proposed Funding Plan	November 21, 2024*
Project Implementation Begins	December 2024
Evening Community Meeting	December 17, 2024

\* Subject to change



# Contact Us

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