Welcome! ¡Bienvenidos!

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

Accessing Zoom from a computer

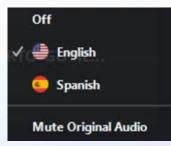
 Click the globe icon located at the bottom of the screen

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 simultanea 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 Investments and the Air Quality Improvement Program

Public Workshop on the Fiscal Year (FY) 2024-25 Draft Funding Plan June 13, 2024



Today's Agenda

Time	Session
10:00 - 10:30 a.m.	Introduction and Overview
10:30 - 11:15 a.m.	Light-Duty Vehicle Purchase Incentive Projects
11:15 - 11:25 a.m.	Break
11:25 a.m. – 12:10 p.m.	Sustainable Community-Based Transportation Equity Projects
12:10 - 1:10 p.m.	Lunch Break
1:10 - 1:55 p.m.	Medium- & Heavy-Duty On- & Off-Road Equipment Investments
1:55 - 2:05 p.m.	Break
2:05 - 2:20 p.m.	Open Comments and Question & Answer Session
2:20 - 2:30 p.m.	Next Steps



Introduction and Overview





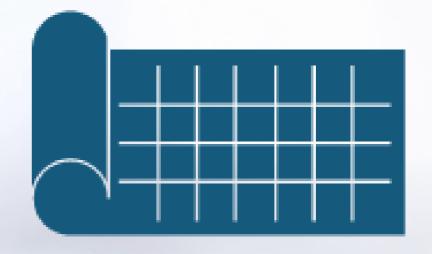


- Leads California's charge to improve air quality and reduce climate change
- Protects public health
- Promotes clean, energy-efficient fuels and technology



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





State Budget & Funding Plan Process Overview

General Timeline

February January November October May June August December Jan. 10th Feb. - May June 15th May 14th Aug. 31st Proposed **CARB Board** Project Governor Legislative Budget Dept. of Finance Legislature End of 2024 Funding Plan considers implementation releases Subcommittees releases May passes budget posted for public Proposed begins Legislative proposed hold hearings Revision to Funding Plan session comment per budget constitutional Governor's (2nd vear) CARB receives proposed deadline initial budget Aug. budaet June inquiries Workshop on Funding Plan **Draft Funding** Oct. - Jan. Kick-Off Plan **Budget Release** Workshop State Budget CARB prepares June - Sept. supporting CARB Funding Plan for Clean Funding Plan documents for Transportation Incentives (Funding Plan) Workgroups & Jan. budget Evening release and Community hearings

Meetings

CARB Incentive Programs



Criteria pollutant and toxics reductions

Carl Moyer Program

Cost-effective, State Implementation Plan (SIP) creditable criteria pollutant emission reductions

Volkswagen (VW) Mitigation Trust

Nitrogen Oxides (NOx) mitigation and zero-emission



Community Air Protection Program (AB 617)

Criteria, toxics and greenhouse gas reductions for community goals



Criteria, toxics and greenhouse gas reductions for the ag sector

(\$)

Low Carbon Transportation

Advance technologies to provide greenhouse gas reductions and Priority Populations benefits



Reduces high global warming potential (GWP)

F-Gas emissions



Woodsmoke Reduction Program

Reduces particulate reductions from home heating devices



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: \$35 million only for medium- and heavy-duty projects per statute*

*California Health & Safety Code, Section 44274.(a)



Auction Proceeds Investments for Low Carbon Transportation

- Annual budget appropriation guided by priorities in Cap-and-Trade Auction Proceeds Investment Plan
 - Facilitate greenhouse gas reductions
 - Benefit priority populations
 - Maximize health, environmental, economic co-benefits
 - Continue investments in existing programs
 - Provide funding certainty over multiple years when possible
 - Support job training and apprenticeship opportunities



Governor's Zero-Emission Vehicle (ZEV) Package Current ZEV Package

- Governor's proposed budget maintains most of multi-agency
 \$10 billion over 7 years ZEV package approved in 2023
- Funding maintained for critical investments across several agencies (e.g., California Energy Commission (CEC), California State Transportation Agency (CalSTA), Governor's Office of Business and Economic Development (GOBiz))













Policy Drivers and Guiding Documents





Comments and Questions on the Introduction



Raise your hand or 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



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*	\$706

*Proposed

Total Funding = \$6.8 billion



FY 2024-25 Proposed Budget (millions)

Project Category	Greenhouse Gas Reduction Fund	General Fund	Air Quality Improvement Fund
Clean Transportation Equity Programs (SB 1275)	-	-	-
Vehicle Purchase Incentive Projects	\$0	\$0	-
Sustainable Community-Based Transportation Equity Projects	\$0	\$0	-
Heavy-Duty Zero-Emission Programs	-	-	-
Public School Buses - Clean Truck & Bus Voucher Incentive Project (HVIP) ¹	-	\$671	-
Air Quality Improvement Program (AQIP) ²	-	-	\$35
Subtotal	-	\$671	\$35

Total Proposed Funding for FY 2024-25 = \$706 million

² Only for medium- and heavy-duty projects per California Health & Safety Code, Section 44274.(a)



¹ Proposition 98 General Funds

Priority Population Investment Minimums (AB 1550)

- AB 1550 established investment minimums for California Climate Investments
- Projects must provide direct, meaningful, and assured benefits that address an important community need
- Low Carbon Transportation targets greatly exceed investment minimum
- Funding received this year will still target priority populations



Reporting Progress





Funding Plan Development Schedule

Milestone	Date		
Kick-Off Workshop	June 13, 2024 (today)		
Daytime Workgroup Meetings	June - September 2024		
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Release Draft Funding Plan for Review	Mid-August 2024		
Second Workshop: Draft Funding Plan	August 29, 2024*		
Release Proposed Funding Plan	October 11, 2024*		
Board Considers Proposed Funding Plan	November 21, 2024*		
Project Implementation Begins	December 2024		

^{*} Subject to change



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Light-Duty Vehicle Purchase Incentive Projects



Overview

Light-Duty Vehicle Investments

- Light-duty vehicle purchase incentives
- Clean Mobility Investments

Investment Goals

- Achieve Greenhouse Gas reductions and improve air quality
- Transform the State's fleet and accelerate ZEV deployment
- Bring ZEVs and Clean Mobility Options to priority populations
- Alleviate environmental harms felt by communities (AB 617, Senate Bill (SB) 375, and SB 350)



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

Clean Cars 4 All (CC4A) District Replace older vehicles with clean vehicles



California Integrated
Travel Project (Cal-ITP)

Payment issuance strategy

California E-Bike Incentive Project Incentive provisions for electric bicycles



Access Clean California

Increase awareness of clean transportation equity incentives



Financing Assistance Pilots (closed) Background and Status Updates

Incentive Type	Incentives Issued
Vehicle Grants	5,554
Charging Grants	3,534
Number of Secured Loans	355
Total Funds Spent	\$35 million

Funding Status: Projects Closed

- Early 2024 Clean Vehicle Assistance Program (CVAP) & Driving Clean Assistance Program (DCAP), the statewide and local financing assistance pilots, closed after allocating remaining program funds
- Lessons learned from these pilots are being incorporated into the upcoming joint Statewide Clean Cars 4 All (CC4A) and Financing Assistance Program







Driving Clean Assistance Program (DCAP)

DCAP Overview

- Incentives for low-income consumers to purchase new or used clean vehicles with or without scrapping an older vehicle
- Low-interest rate loans, Mobility options, and Charging incentives
- Expands access to CC4A statewide
- Should Air District CC4A funds run out, funds can be shifted from DCAP to ensure Air District programs remain open



Driving Clean Assistance Program (DCAP)

DCAP Program Updates

- \$14 million in FY 2023-2024
- November 2023 signed grant agreement with Community Housing Development Corporation
- Joint administration with Financing Assistance and statewide CC4A
 - Needs-based approach
 - Co-created formula with air districts
 - Anticipated launch Imperial Valley Summer 2024



Regional Clean Cars 4 All

Program Status

- Funded over 19,000 vehicle replacements
- All 5 Air District programs are open
 - May 2024 San Diego program launched
- \$325 million allocated to-date
 - \$14 million in FY 2023-24 for Air District programs



Regional Clean Cars 4 All

Air District Program Updates

- Bay Area, San Joaquin Valley, and Sacramento Metro have expanded to extended zip codes
 - South Coast and San Diego expanding soon
- Improved surveys & SB 1382 program equity measures
 - Collecting demographic data
 - Identifying barriers
 - Air Districts coordinating with DCAP on financing assistance and consistent outreach













Zero Emission Assurance Project (ZAP)

- Established by AB 193
- Helps lower-income
 Californians reduce
 risk of buying a used
 ZEV
- Rebate or vehicle service contract for replacement battery or fuel cell component

Updates

\$10 million allocated in FY 2022-23

ZAP data collection pilot began in April 2022

Potential policy updates in the FY 2024-25 Funding Plan

Anticipated roll-out in 2025

California E-Bike Incentives Project

Project Overview

Provides electric bicycle (e-bike) incentives up to \$2,000 to low-income Californians

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

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

For households at or below the 300% Federal Poverty Line (FPL) (225% for priority applicants)

Project Eligibility

California resident 18 years or older

Applicable to Class I, II, or III e-bikes

Available for brick-and-mortar or online purchases

Retailers and manufacturers must be California based

*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

Ebikeincentives.org



Soft Launch Lessons Learned



- 1 Additional coordination needed between applicants and retailers
- 2 Simplify the project's incentive structure and clarify funding
- Require Underwriter Laboratories or European Standard certified e-bikes

Statewide launch planned for Quarter 2 of 2024



Access Clean California

Project Status

\$20 million total allocated, \$5 million in FY 2023-24 solicitation

Project Updates

Expanding outreach and coordination with other CARB programs

Network of 27+
outreach partners with
focus on
community-based
organizations (CBO)

Access Clean California

Clean transportation, clean energy, clean air

Centralized
application and
case management
system to stack
incentives





California Integrated Travel Project

Project Overview

- Provides easy and accessible travel planning and payment methods to make travel simpler and more cost-effective
- Collaboration with partners (CalSTA, Caltrans, and others)

Project Status

- Additional \$1 million allocated in FY 2023-24
- Concluded Universal Zero-Emission Vehicle Charging Card and Mobility Loyalty & Rewards programs
- Continuing demonstration work to support projects



Comments and Questions on the Light-Duty Vehicle Purchase Incentive Projects Session



Raise your hand or 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



Break Return at 11:25 a.m.



Sustainable Community-Based Transportation Equity Projects



Sustainable Community-Based Transportation Equity Projects

Statewide Clean Mobility Options Voucher Pilot Program (CMO)

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

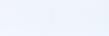
Sustainable Transportation Equity Project (STEP)

Holistic, equity-focused projects to address community mobility needs and reduce vehicle miles traveled



Regional Clean Mobility Options Pilot Projects

Early pilots to provide shared mobility services



Clean Mobility in Schools (CMIS)
Clean transportation and education
projects at K-12 public schools





Planning and Capacity-Building (Planning)

Community-led planning and capacity building projects



Clean Mobility Options (CMO)

Two Types of CMO Projects

- Regional Clean Mobility Pilot Projects:
 - Seven early pilots providing shared mobility services
- Statewide CMO Voucher Pilot Program:
 - Vouchers for community needs assessments and clean, shared, zero-emission mobility projects
 - Includes the Clean Mobility Equity Alliance (CMEA) network



Regional Clean Mobility Pilot Projects

Project Name	Funding Years	Total Awarded (approx.)	Status
BlueLA Car Share (Los Angeles)	2014-15 2017-18	\$4.6 million	Active
Our Community CarShare (Sacramento)	2014-15 2016-17 2017-18 2019-20	\$5.8 million	Active
Lift Line Paratransit (Santa Cruz)	2016-17 2019-20	\$516,000	Active
Car Sharing and Mobility Hubs (Bay Area)	2016-17 2019-20	\$3 million	Active
Valley Air Zero Emission Vehicle Mobility (San Joaquin Valley)	2016-17	\$749,000	Inactive
Ecosystem of Shared Mobility (San Joaquin Valley)	2016-17 2019-20	\$3 million	Inactive
Agricultural Worker Vanpools (San Joaquin Valley)	2016-17	\$6 million	Inactive

Regional Clean Mobility Pilot Project Highlight

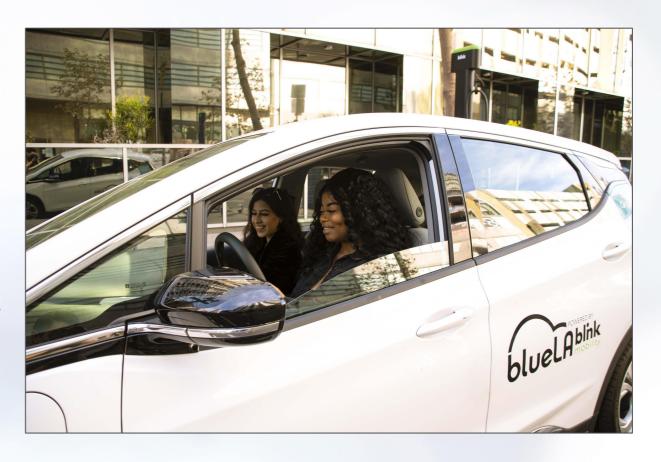
BlueLA Car Share Pilot

~\$4.7 million grant plus other funding for:

 100 car share stations, 600 charge points, 300 electric car share vehicles, and 250 shared e-bikes

Project Highlights:

- 167,000+ trips taken totaling over
 5.3 million miles traveled
- 1,700 active car share members enrolled





Statewide Clean Mobility Options Voucher Pilot Program

Project Status

- ~\$91 million allocated to date
- Application Window 1 (2020):
 - 24 community transportation needs assessments completed
 - 20 mobility projects awarded: 7 have launched services and 13 in planning and construction phase
- Application Window 2 (2023):
 - 12 community transportation needs assessments awarded
 - 18 mobility projects awarded

Statewide Clean Mobility Options Voucher Pilot Project Highlight

Green Raiteros and Green Cruiser Program

~\$1.5 million for:

- 3 new electric cars for the existing rideshare program
- 30 electric bicycles and tricycles and
 10 solar-powered smart bike docking stations

Project Highlights:

- Volunteer rideshare drivers connect community members to critical destinations
- Provides job training and new career opportunities





Clean Mobility in Schools (CMIS)

Project Overview

 Funds pilots for zero-emission mobility, planning, education and workforce projects to schools and surrounding communities

Project Status

- \$34.4 million implemented at four school districts
- \$27.8 million allocated for four new grant projects that will launch this year



Clean Mobility in Schools (CMIS) Highlight Lincoln High School CMIS Pilot Project

~\$9.7 million for:

- ZEVs: school buses, carpooling and vanpooling vehicles, and food service vehicles
- Zero-emission lawn equipment
- Charging infrastructure

Project Highlights:

- Over 9,000 students served in 14 schools
- Over 91,000 zero-emission school bus miles driven





Sustainable Transportation Equity Project

Project Overview

 Funds community-identified clean transportation needs, such as public transit, active transportation infrastructure, land use planning and housing policy activities, and workforce development

Project Status

- \$42.8 million of ongoing grants in five communities
- \$35 million for new grants in six communities



Sustainable Transportation Equity Project Highlight Commerce Moving Forward

~\$3.2 million for multi-modal needs:

- Electric buses and shuttles
- Charging infrastructure
- Commerce's first bike lanes

Project Highlights:

 Widespread community participation in grant activities, especially at annual Clean Air Day events





Planning and Capacity Building

Project Overview

- Funds community-led planning and capacity building projects that improve transportation equity, including:
 - Clean mobility planning
 - Community transportation needs assessments
 - Workforce training and development

Project Status

- \$15 million allocated to date
- 7 community-based projects launching mid-2024
- New request for applications expected in late 2024 to fund up to 15 more projects

Planning & Capacity Building Highlight Omnitrans ConnecTransit Plan

~\$200,000 to:

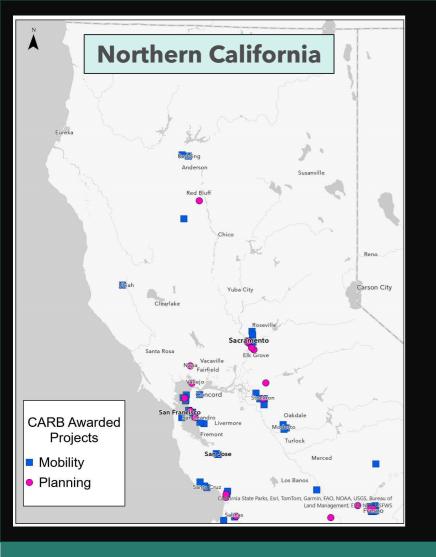
 Define and plan community priorities to improve transit equity, increase access to key destinations, and improve air quality

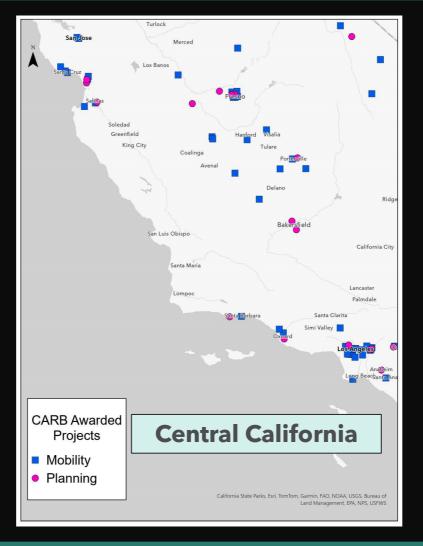
Project Highlights:

- Unique approaches to community engagement, including hiring local artists
- Selected for a Sustainable Transportation Equity Project grant that will fund elements of the plan











Mapping CARB's Community-Based, Equity-driven, Transportation Projects

Comments and Questions on the Sustainable Community-Based Transportation Equity Projects Session



Raise your hand or 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



Lunch Break Return at 1:10 p.m.



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



Overview

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

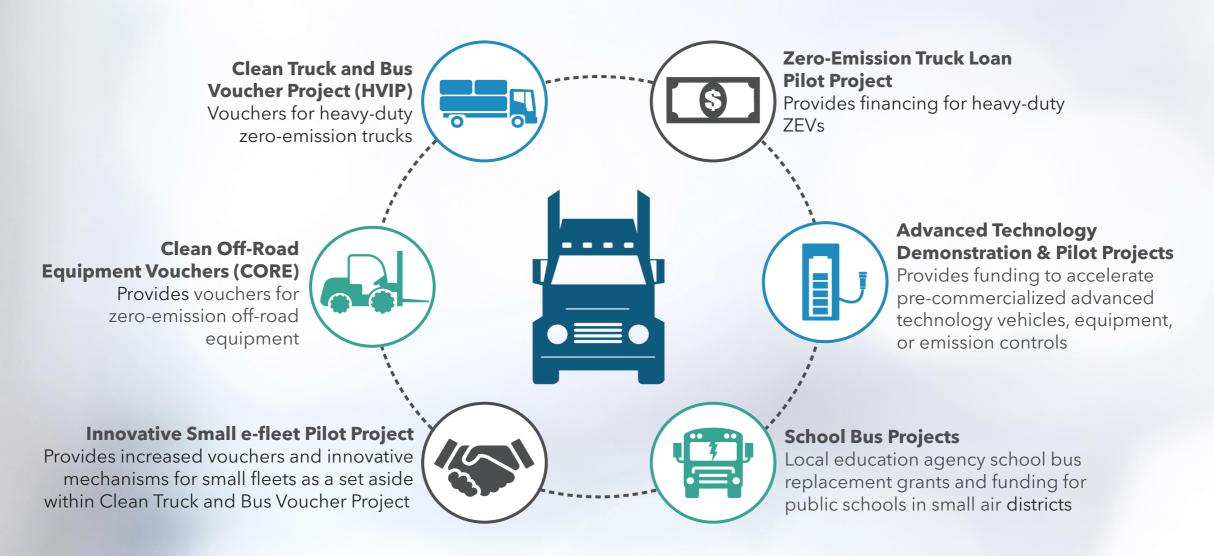
- Medium- and Heavy-duty vehicle purchase incentives
- Off-road equipment purchase incentives

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 (EPRI)
- \$225 Million Joint CARB & California Energy Commission (CEC) Solicitation was oversubscribed



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

9,000+ vehicles funded 1,500 fleets participating

Vouchers may be exhausted by Oct. 2024

Staff Proposals:

Limited to fleets of less than 50 (Beginning Jan 1, 2025)

Continue voucher modifiers for small fleets



Zero-Emission School Bus and Infrastructure Project (ZESBI)

Project Overview

- Joint effort with the California Energy Commission (CEC) to replace old school buses with new Zero-Emission school buses and infrastructure
- \$375 million appropriated to CARB for FY 2023-24

Project Status

- Currently accepting applications through September 30, 2024
- As of May Revise, proposed \$671 million appropriation in FY 2024-25





Innovative Small e-Fleet (ISEF)

Status:

\$22 Million in available funds

Continued focus on small fleets & innovation

Staff Proposals:

Used Truck Voucher Pilot Apply modifiers to standard base voucher

Voucher cap based on total contract cost 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







First Come - First Served



Clean Off-Road Equipment

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

Project Status:

\$65 million in available funds

Enhancements for infrastructure, small businesses, & disadvantaged communities

Continue to allow stacking

Staff Proposals:

Combine equipment categories

Update voucher amounts

Equipment eligibility based on primary function

Implement new Appendix





Zero-Emission Truck Loan Pilot

Loan-loss reserve project builds on the legacy truck loan program

Overview

Eligibility includes small fleets of 20 vehicles or less (up from 10)

All new or used on-road ZEVs Class 2b & above

Coordination with California Energy Commission & Southern California Edison

Administered by the California Pollution Control Financing Authority Status

Opened for applicants May 1, 2024

Initial \$5 million approved with additional funding available

Contribution rate is set at 25%

No changes recommended at this time





Program Success

- Over 500 fleets assisted
- 46% Drayage fleets
- 29% Single Vehicle Fleet
- 53% Fleets of 10 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

- 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 Investment Program also supports other workforce efforts

Compliance with Labor Standards

(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: <u>IncentiveComplaints@arb.ca.gov</u>

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



Raise your hand or 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



Break Return at 2:05 p.m.



Open Comments and Question & Answer Session



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Next Steps



Funding Plan Development Schedule

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Contact Us

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