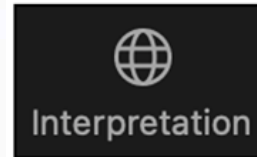


Welcome! ¡Bienvenidos!

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

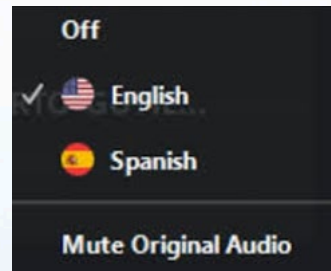
Accessing Zoom from a computer

- 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



Evening Community Meeting: Clean Transportation Incentives for a Cleaner California

Public Workgroup Meeting
October 15, 2024

Meeting Agreements

- Be respectful
- Take space, make space
- Listen to understand
- Strive to follow an equitable approach when helping to strategize solutions for our clean transportation incentive programs
 - Equity recognizes that advantages and barriers exist, and that, as a result, we do not all start from the same place

Evening Community Meetings

- Monthly community meetings will provide a space for community members across the state to engage with California Air Resources Board staff.
- Community Meeting Goals
 - Hold a platform for community voices and their priorities
 - Brainstorm solutions for clean transportation needs
 - Highlight the most important information for communities
 - Continuous two-way communication between staff and communities

Today's Agenda

Time	Session
5:00 - 5:10 p.m.	Introduction
5:10 - 5:40 p.m.	Amendments to California's Clean Car Regulations
5:40 - 5:45 p.m.	Break
5:45 - 6:50 p.m.	Fiscal Year 2024-25 Draft Funding Plan for Clean Transportation Incentives and upcoming funding Opportunities
6:50 - 7:00 p.m.	Wrap-up and next steps

Comments and Questions



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

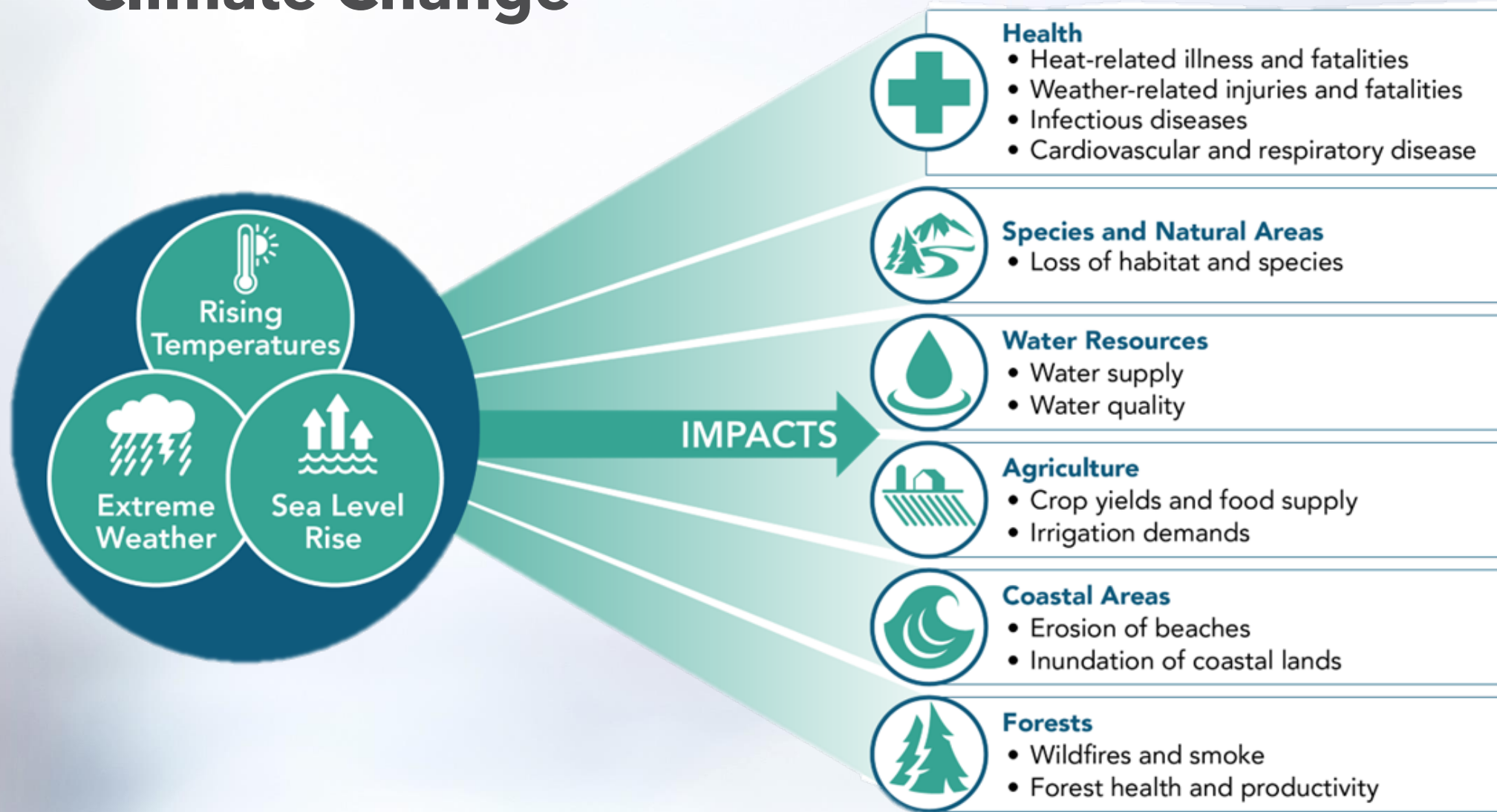


Amendments to California's Clean Car Regulations

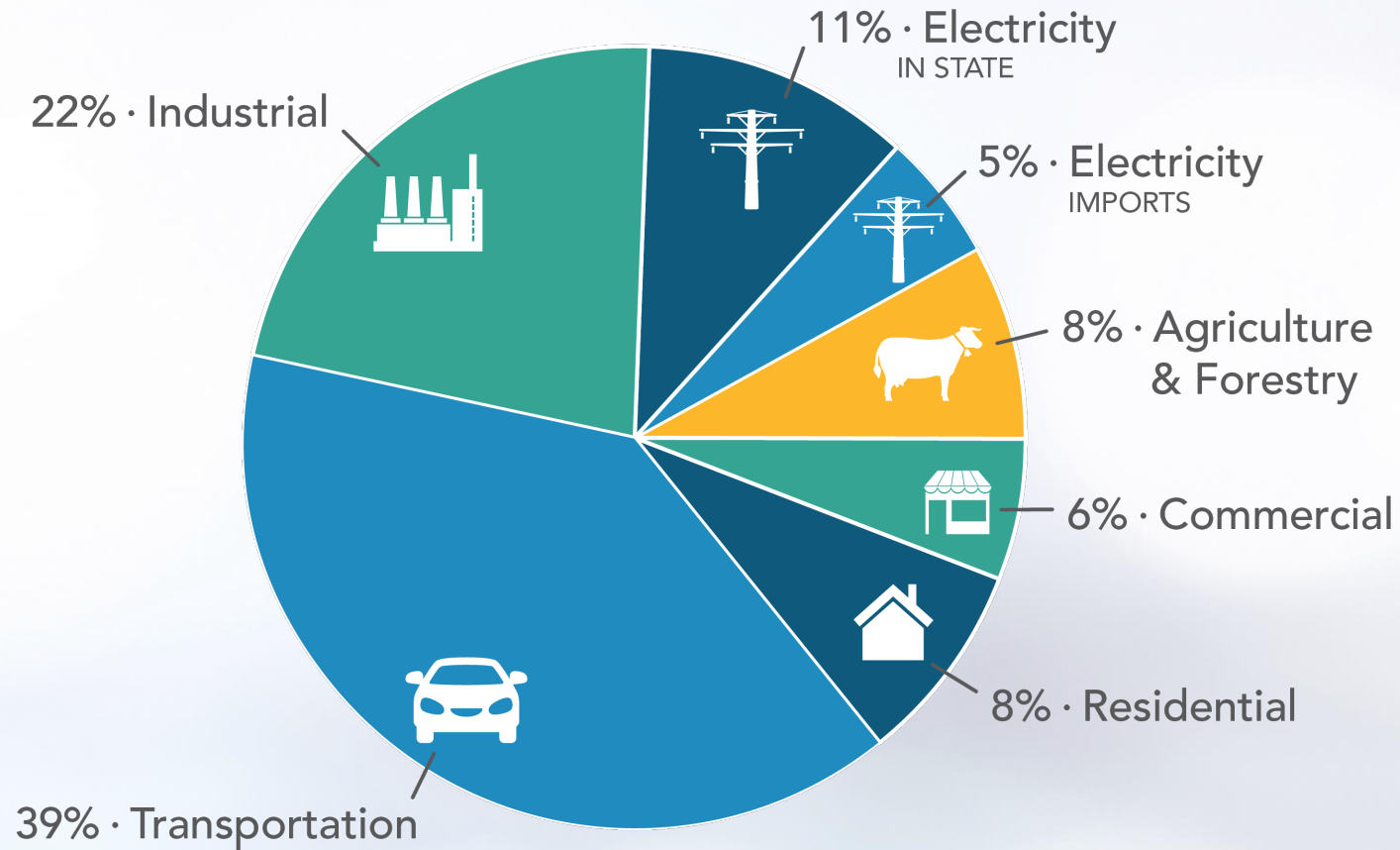
Agenda

- Background
- Plans to reduce climate change emissions from cars
- New window sticker for zero-emission vehicles
- What we have heard so far
- Timeline and next steps
- How to stay involved

Potential Impacts from Climate Change



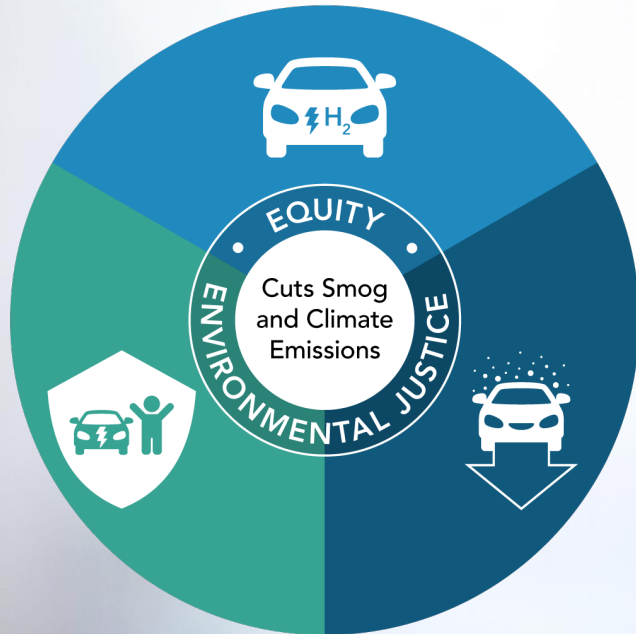
About 50% of Greenhouse Gas Pollution is from Transportation and the Fuels They Use



381.3 MMT CO₂e
2021 TOTAL CA EMISSIONS

Strategies to Address Vehicle Pollution

Regulations



Meaningful Incentives for All

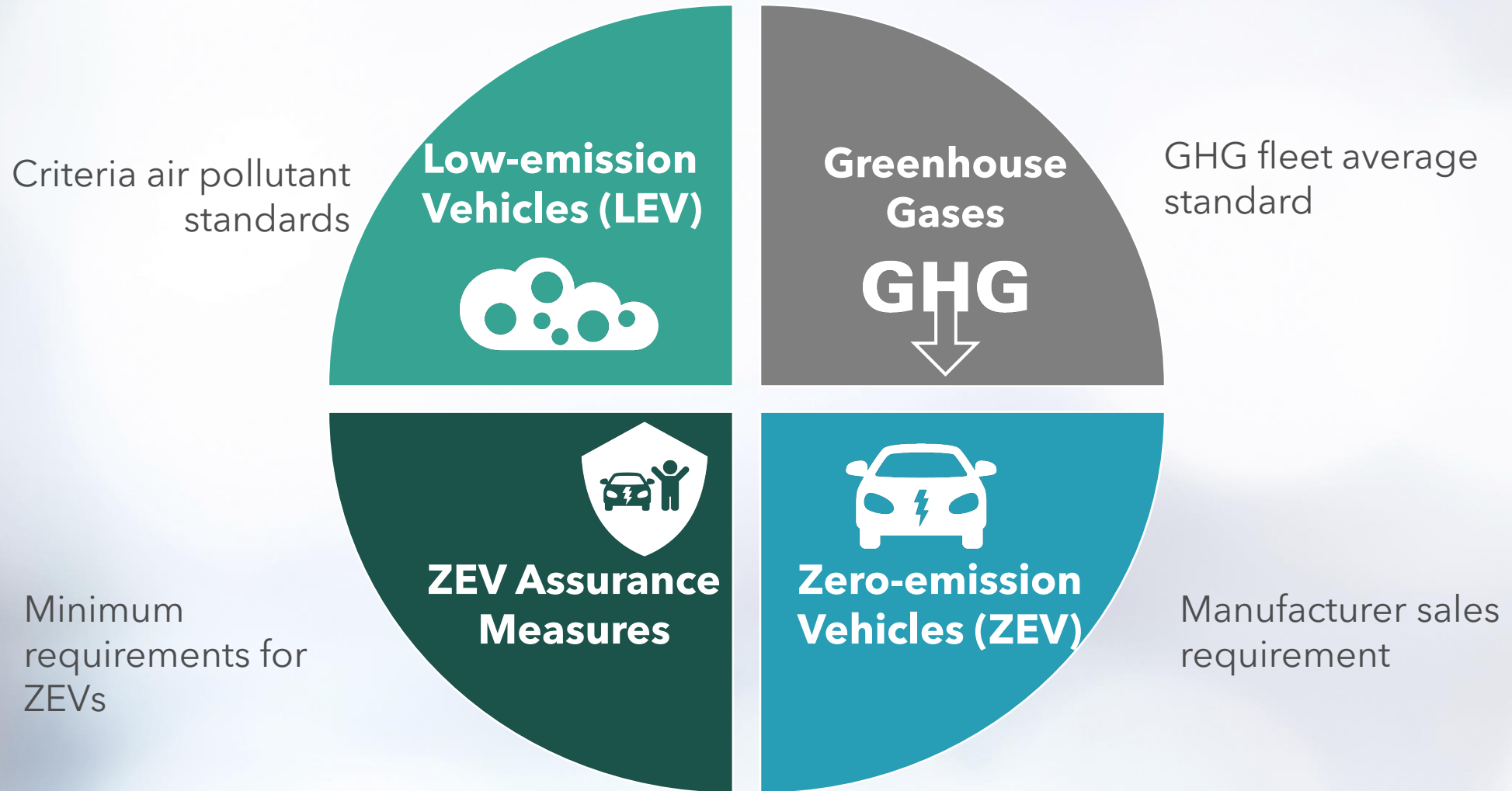


Strong Partnerships



Latest Regulations

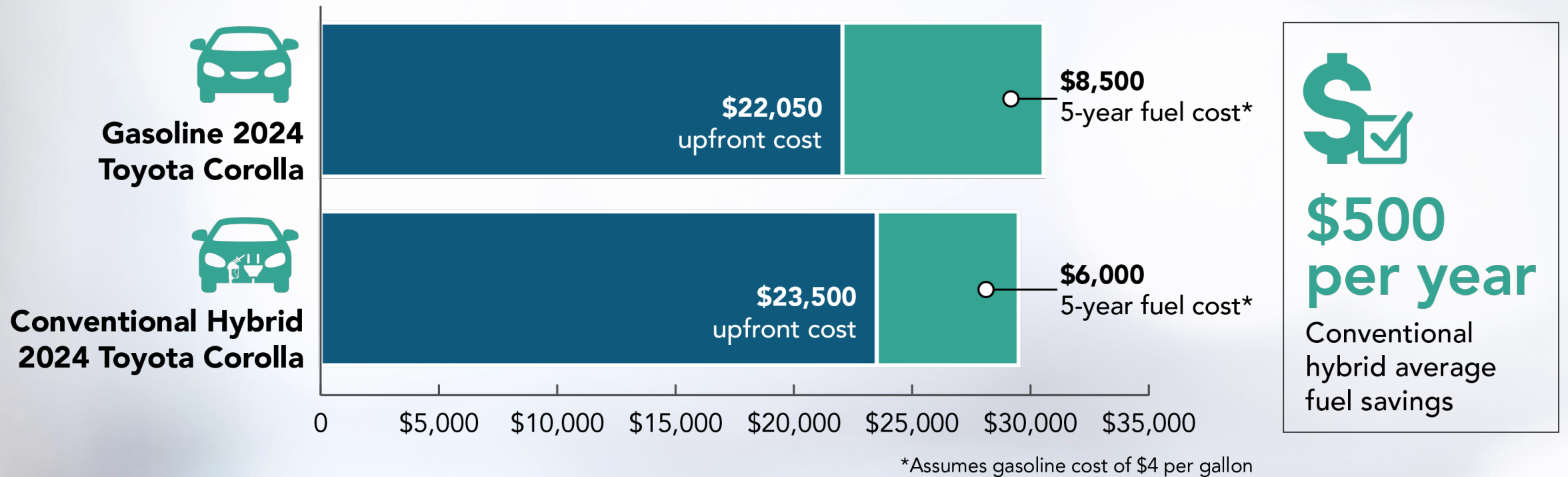
Advanced Clean Cars II (2026 - 2035 Model Years)



Considerations for Greenhouse Gas Standard

- Protect climate benefits and public health no matter the political situation at the federal level
- Strike the right balance between cleaning up gasoline cars while staying focused on zero-emission vehicles
- Consider the upfront cost burden on new and used car buyers.
- Understand the financial impact on Californians of paying more upfront for a car but saving money in the long run

5-year Total Cost Comparison of 2024 Toyota Corolla Models



Consumer Window Sticker for Electric Vehicles



Driving Range and Charging		ELECTRIC VEHICLE
Driving Range Combined 272 miles City 337 miles Highway 233 miles Cold Temperature (20°F) 208 miles	Charging Speed Public Fast Charging 175 Miles/10 Minutes Level 2 (240V) 24 Miles/1 Hour Level 1 (120V) 7 Miles/1 Hour	Battery Warranty 8 years or 100,000 miles <small>Under warranty, the battery must maintain 70% of original health for 8 years or 100,000 miles, whichever occurs first.</small>
QR	Driving a battery-electric vehicle reduces your contribution to greenhouse gas and smog forming emissions. Learn more at DriveClean.ca.gov .	

Driving Range and Charging



Driving Range and Charging

ELECTRIC VEHICLE



Driving Range

Combined

272 miles

City

337 miles

Highway

233 miles

Cold Temperature (20°F)

208 miles



Charging Speed



Public Fast Charging

175

Miles/10 Minutes



Level 2 (240V)

24

Miles/1 Hour



Level 1 (120V)

7

Miles/1 Hour



Battery Warranty

8 years

or

100,000 miles

Under warranty, the battery must maintain 70% of original health for 8 years or 100,000 miles, whichever occurs first.

QR

Driving a battery-electric vehicle reduces your contribution to greenhouse gas and smog forming emissions.

Learn more at DriveClean.ca.gov.

DELIBERATIVE DRAFT



What Have we Heard?

- Input Sessions
 - September 11- Imperial County
 - September 26 - Oxnard
- What We Heard:
 - Willingness to pay more for a car that has less pollution
 - More interest in buying a hybrid because electric vehicle infrastructure is not built up in the area
 - Information on the window sticker should align with extreme weather conditions in the state, such as extreme heat or extreme cold

We Want to Hear from You

- October 23 - Sacramento Community Input Session
- December 4 - Stockton Community Input Session
- Date To Be Determined - Public Workshop
- Ongoing - Let us know about opportunities in your area

Regulation Timeline



Thank You!



Stay informed:

- [Listserve](#)
- [Website](#)

Let us know what you think:

- Email us at cleancars@arb.ca.gov

Comments and Questions



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

5-Minute Break
Return at 5:45 p.m.



Fiscal Year 2024-25 Draft Funding Plan for Clean Transportation Incentives and upcoming funding Opportunities

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
- FY 2024-25 budget: \$34.94 million
- Focuses on heavy-duty incentive projects that reduce criteria pollutants and air toxics in most polluted areas 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
Clean Transportation Equity Projects (SB 1275)	\$0	\$0	-
Medium- & Heavy-Duty Zero-Emission Projects	\$0	\$0	-
Zero-Emission Truck Loan Assistance Project	-	-	\$5.00
Innovative Small e-Fleets (ISEF)	-	-	\$14.97
Clean Off-Road Equipment (CORE)	-	-	\$14.97
Air Quality Improvement Program (AQIP)¹	-	-	\$34.94
Subtotal	-	\$0	\$34.94

¹ Only for medium- and heavy-duty projects per [California Health & Safety Code, Section 44274.\(a\)](#)

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

Comments and Questions



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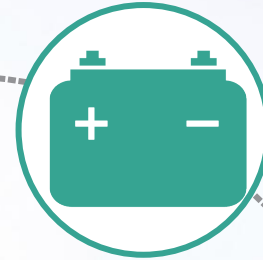


Light-Duty Vehicle Purchase Incentive Projects & Sustainable Community-Based Transportation Equity Projects

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



Clean Cars 4 All (CC4A) District

Replace older vehicles with clean vehicles

Driving Clean Assistance Program (DCAP)



DCAP Project Updates

- No funds appropriated in the Fiscal Year 2024-25
 - Project has funds from previous year allocations
 - Proposed formula for future allocations
- Currently accepting applications 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 the Fiscal Year 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 future funding allocations to be presented in proposed funding plan
- Continue improvement on surveying and identification of underserved populations

Background on ZAP

Established by
Assembly Bill 193

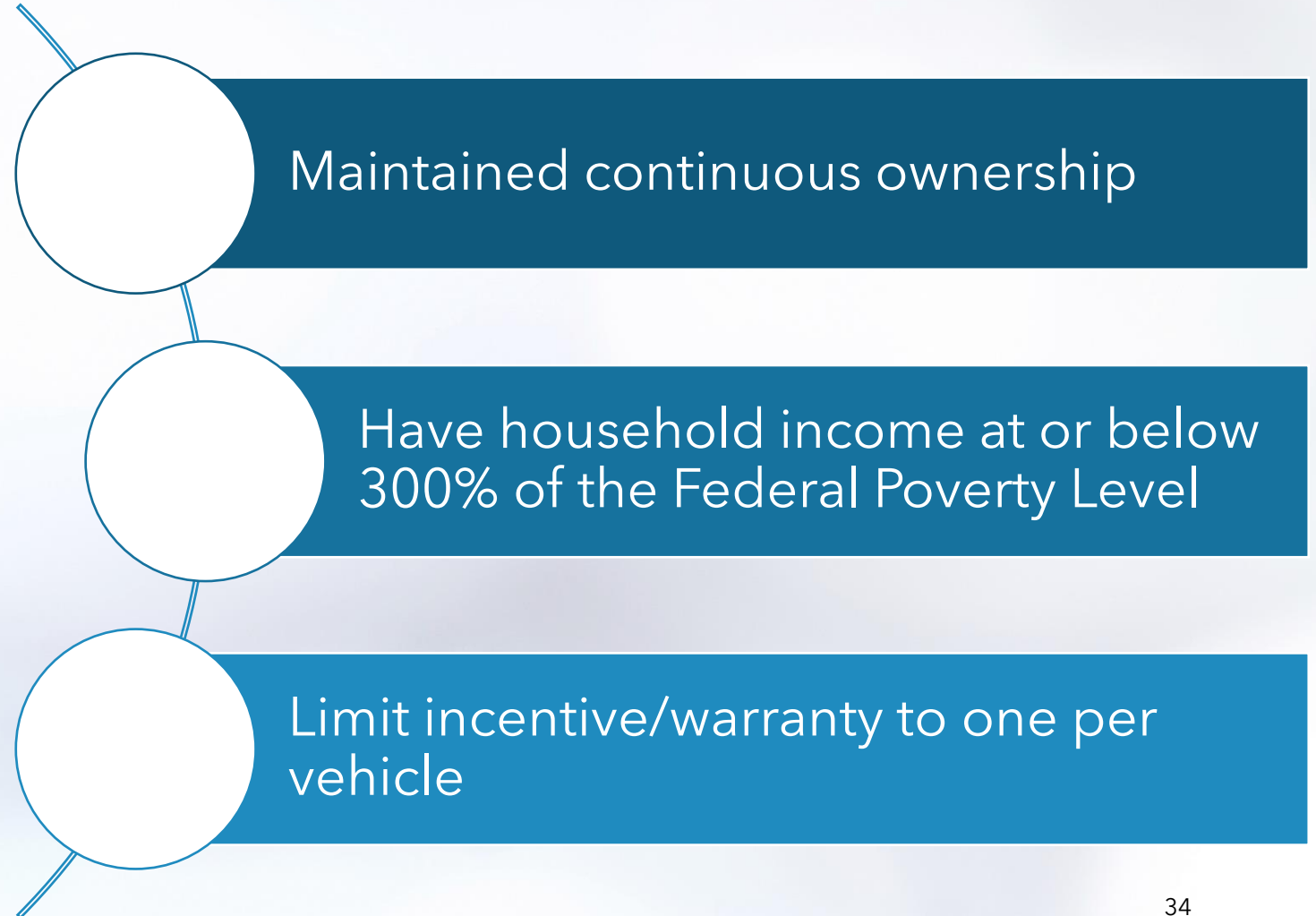
Helps lower-
income
Californians reduce
risk of buying an
unreliable used
zero-emission
vehicle

Rebate for
replacement of
battery or fuel cell
component

- No funds appropriated in the Fiscal Year 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:



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

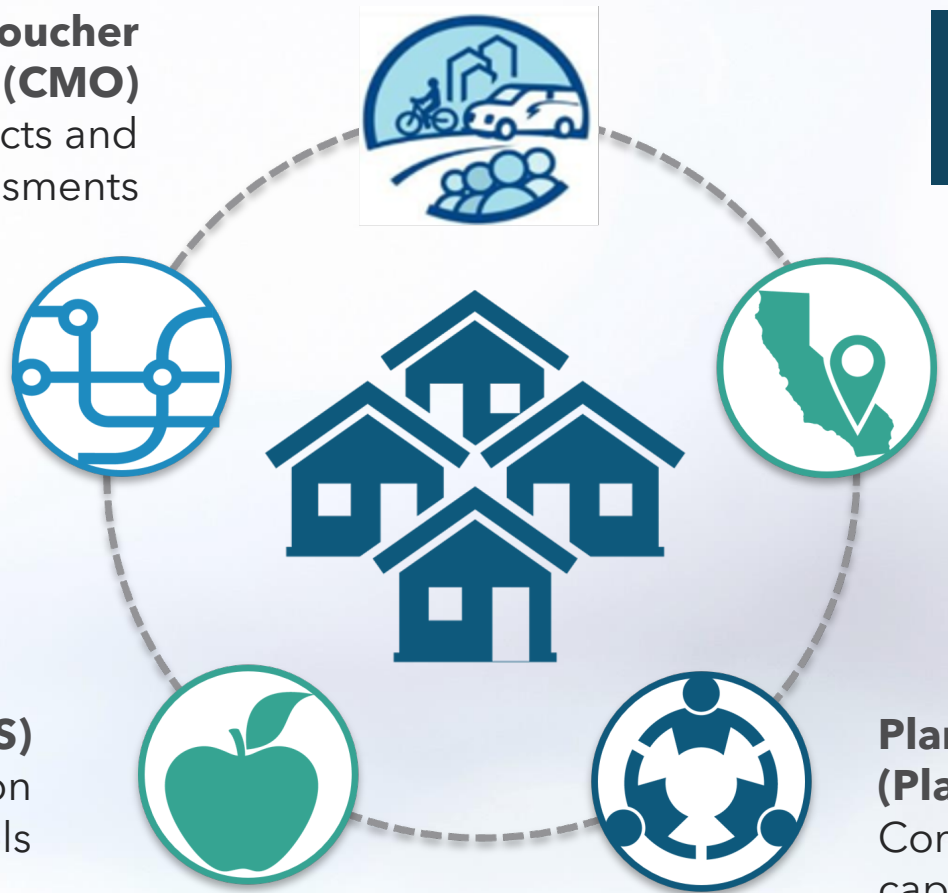
Sustainable Transportation Equity Project (STEP)

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



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

Upcoming FY 2023-24 Planning and Capacity Building Request for Applications

- \$7.3 million for 15+ Planning and Capacity Building efforts
- Funding is for community-based organizations, local governments, and Tribal governments to work with community members to
 - Plan for clean and active transportation options
 - Find out community transportation needs and identify solutions
 - Set up workforce training and development programs
 - And much more!
- Final Request for Applications expected in early 2025

Comments and Questions



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.



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

Overview

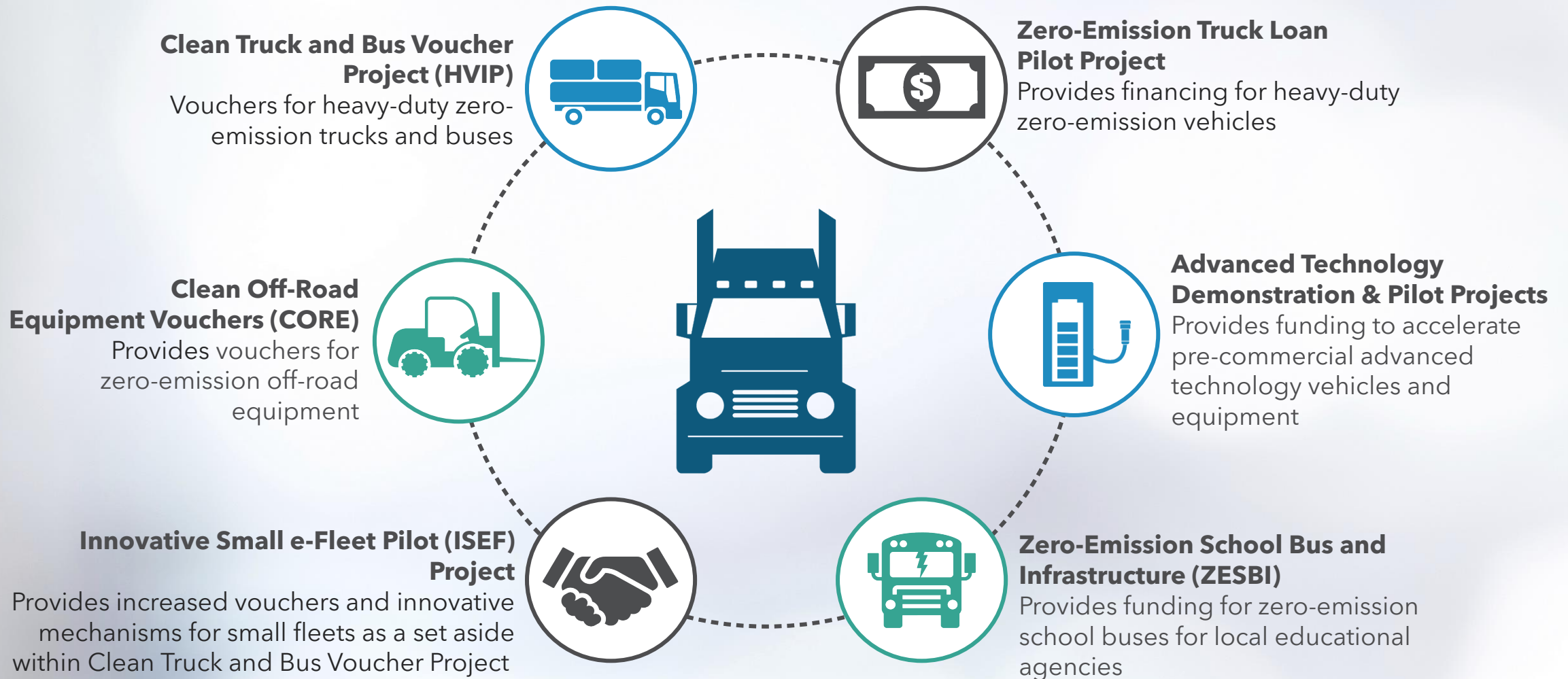
Medium- & Heavy-Duty On- & Off-Road Equipment Investments

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

Investment Goals

- Build on efforts to ensure that investments support equity goals
- 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



Clean Truck and Bus Voucher Project (HVIP)

- Reduce purchase price
- Support small fleets and small businesses
- Support CARB regulatory programs

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 (MSRP) cap

Explore issuance of vehicle vouchers to fleets



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 Air Quality Improvement Program (AQIP) appropriation

Used Truck Voucher Pilot



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
Fiscal Year 2024-25

No policy changes
recommended

Contact Us

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Lisa Macumber, Branch Chief
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Team Email
CleanTransportationIncentives@arb.ca.gov

Comments and Questions



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Wrap-Up and Next Steps

Moving Forward

Meeting/Item	Date
Proposed Funding Plan web-posted for 30-day public comment	October 11, 2024
Evening Community Meeting	October 15, 2024
Evening Community Meeting	No November Meeting
CARB Board Hearing on the Proposed Funding Plan	November 21, 2024
Evening Community Meeting	December 17, 2024

Contact Us

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