



Evening Community Meeting: Overview of the Clean Transportation Incentives Funding Plan

Public Work Group on the Fiscal Year (FY)2023-24 Funding Plan
June 20, 2023

Meeting Agreements

- Be respectful
- Take space, make space
- Listen to understand
- Strive to follow an equity 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

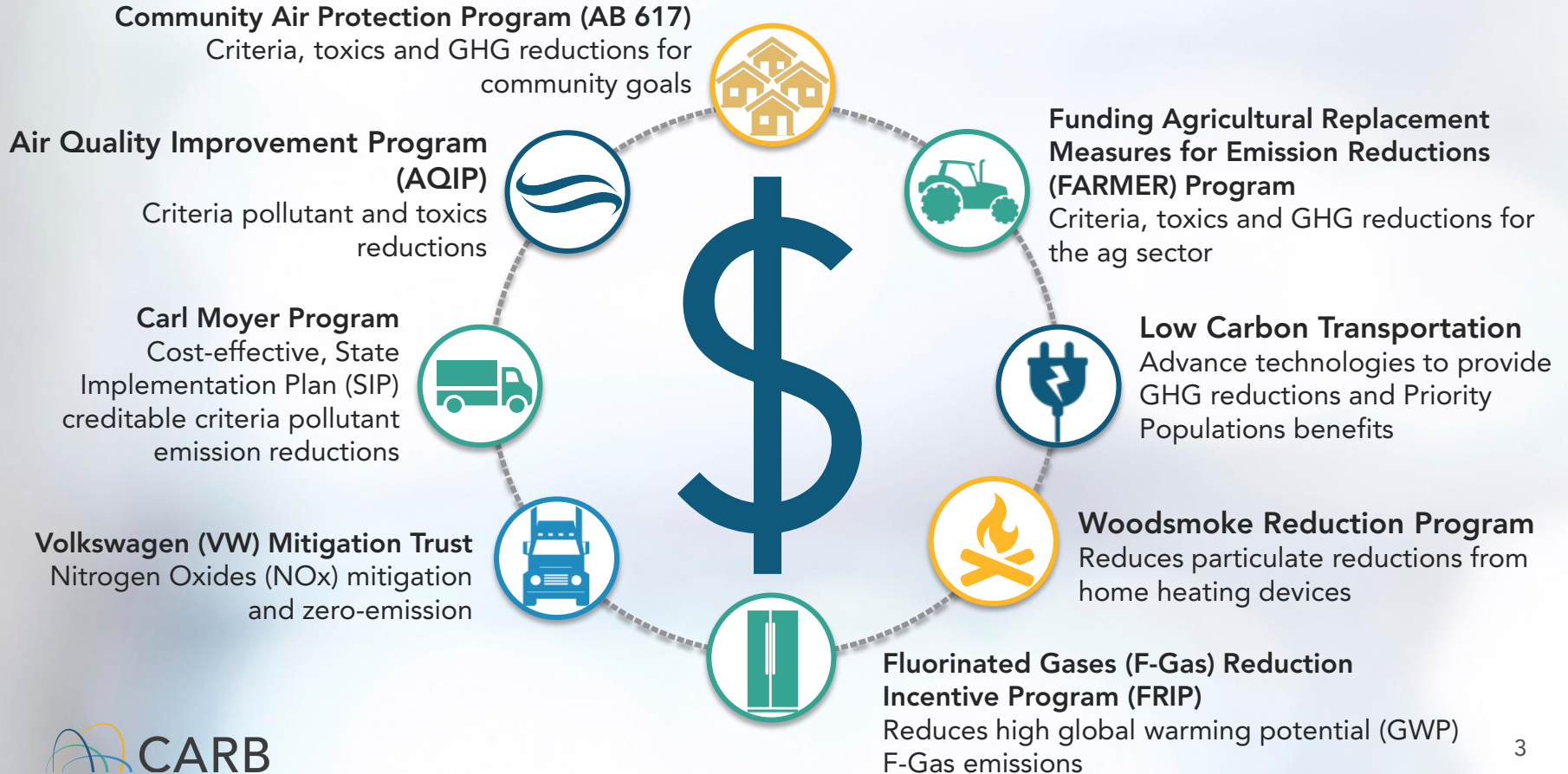
Today's Agenda

Time	Session
5:00 p.m. – 5:35 p.m.	Introduction and Overview
5:35 p.m. – 5:40 p.m.	Break
5:40 p.m. – 6:15 p.m.	Light-Duty and Clean Transportation Equity Projects
6:15 p.m. – 6:20 p.m.	Break
6:20 p.m. – 6:55 p.m.	Heavy-Duty Vehicle and Off-Road Equipment Investments
6:55 p.m. – 7:00 p.m.	Wrap Up and Next Steps

Community Evening Meetings

- Monthly community meetings will provide a space for community members across the state to engage with CARB 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 community
 - Continuous two-way communication between staff and community

CARB Incentive Programs



FY 2023-24 Budget (millions)*

Project Category	Appropriation
Clean Transportation Equity Programs Established Under SB 1275	
Purchase Incentive Equity Programs	\$250
Sustainable Transportation and Mobility Equity Projects	\$60
Heavy-Duty Zero-Emission (ZE) Programs	
ZE Drayage Trucks	\$165
Air Quality Improvement Program	\$28.64
Total Funding	\$503.64

**Appropriations still subject to final negotiations between Legislature and Governor and may be revised in subsequent amendments to Budget Act.*

Key Changes to the FY 2023-24 Funding Plan Process



Shortened Timeline



Streamlined Public Process



Strategic Document Content



Streamlined and Expanded
Webpage Support

Funding Plan Development Schedule

Milestone	Date
Daytime Work Group Meetings	July – Oct 2023
Evening Community Meetings	June – Oct 2023
Second Workshop	Aug 31, 2023
Release proposed Funding Plan	October 2023
Board Consideration of Proposed Funding Plan	November 2023
Start implementing projects	December 2023

Comments and Questions



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



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

5-Minute Break
Return at 5:40 p.m.

Light-Duty and Clean Transportation Equity Projects

Overview

CARB light-duty vehicle investments

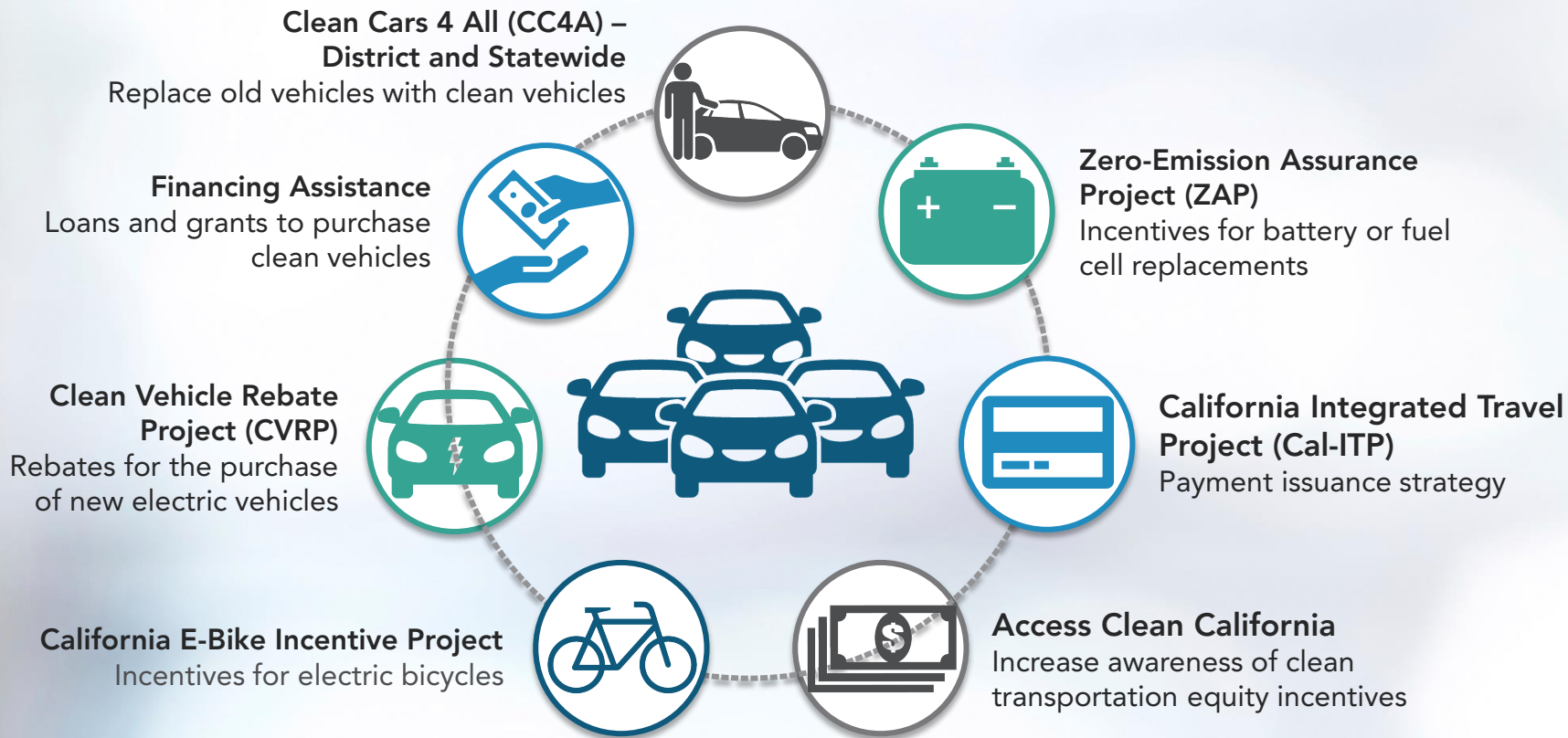
- Vehicle purchase incentives
- Clean mobility investments



Goals

- Achieve GHG reductions and improve air quality
- Support long-term transformation of the State's fleet and accelerate ZEV deployment
- Bring ZEVs and Clean Mobility Options to priority populations
- Support complementary community protection efforts
AB 617 and SB 375

Vehicle Purchase Incentive Programs



Metrics of Success

Supporting Healthy Communities

\$440+
MILLION

PRIORITY POPULATIONS

Over \$440 million, or nearly 34 percent, of all vehicle purchase incentive funds have supported clean vehicle purchases benefiting priority populations.



\$3.2+
MILLION

PUBLIC FLEET SUPPORT

Over \$3.2 million in CVRP funds have supported over 730 light-duty electric vehicles for public fleets operating in Disadvantaged Communities, as identified in CalEnviroScreen 4.0.



Supporting Clean Air Goals

6.2+
MILLION

GHG REDUCTIONS

CARB's light-duty vehicle purchase incentive programs have resulted in a reduction of over 6.2 million metric tons of carbon dioxide equivalent.



149+
MILLION

FUEL USE AVOIDED

An estimated 149+ million gallons of fuel use avoided as a result of the clean vehicles funded through CARB's vehicle purchase incentive programs.



Growing the Green Economy

\$1.3+
BILLION

VEHICLE PURCHASE

CVRP, Clean Cars 4 All, and Financing Assistance programs have funded \$1.3 billion toward the purchase of over 525,000 clean vehicles since 2010.



1.5+
MILLION

ELECTRIC VEHICLE SALES

There have been over 1.5 million light-duty electric vehicles sold in California with 35 percent of these purchases supported by CARB's vehicle purchase incentive programs.



Clean Mobility Investments Overview

- Increase access to clean mobility while reducing emissions & vehicle miles traveled
 - Capacity Building and Technical Assistance
 - Community Transportation Needs Assessments
 - Regional Clean Mobility Projects
 - Clean Mobility Options (CMO) Voucher Pilot Program
 - Clean Mobility in Schools (CMIS)
 - Sustainable Transportation Equity Project (STEP)

Addressing Community Concerns

Who we've heard from

- Lower income individuals
- Priority communities
- African-American communities
- Tribal representatives

What we are addressing

- Higher incentive amounts
- Improved outreach
- Improvements for public participation

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Heavy-Duty Vehicle and Off-Road Equipment Investments

Long-Term Heavy-Duty Investment Strategy

Annual three-year investment strategy for Clean Transportation Incentives

Roadmap for transforming the heavy-duty transportation sector

Outlines priorities for investment

Includes annual report on the State's school bus fleet

Metrics of Success

Creating Healthy Communities

56
PERCENT

DAC VOUCHERS

Fifty-six percent of vouchers (HVIP and CORE combined) have funded vehicles and equipment deployed in DACs, as identified in CalEnviroScreen 3.0.



Supporting Technology Evolution

15+
THOUSAND

JOBS CREATED

The incentive dollars spent through HVIP have created nearly 3,500 jobs and spurred ~12,000 jobs from private investment, totaling nearly 15,500 jobs.



Growing the Green Economy

320
MODELS

MANUFACTURERS

There are 67 HVIP- and/or CORE-eligible manufacturers offering 321 vehicle or equipment models.



41
PERCENT

SMALL AND PUBLIC FLEET SUPPORT

Forty-one percent of 2022 HVIP vouchers were given to public or small fleets (private entities with <\$10 million annual revenue or fewer than 50 employees).



345
MILLION

MILES TRAVELED

There were 345,000,000 cleaner-than-diesel miles traveled in California by HVIP-funded vehicles between 2010 and 2022.



\$3.4
BILLION

TOTAL INVESTMENT

Additional public and private spending toward these purchases totaled \$3.4 billion--over \$3 for every \$1 of voucher investment. Leveraged private spending represents purchases redirected from traditional technologies to clean technologies.



Heavy-Duty Investment Priorities

	FY 2024-25	FY 2025-26	FY 2026-27
Demonstrations	\$55-\$95 Million Focus: ZE Construction and Mining Equipment, ZE Heavier Cargo Handling Equipment, ZE Line-Haul Rail, ZE Marine, ZE Aviation	\$65-\$100 Million Focus: ZE Construction and Mining Equipment, ZE Heavier Cargo Handling Equipment, ZE Line-Haul Rail	TBD
Pilots	\$200-\$325 Million Focus: ZE Ag-Construction-Heavier Cargo Handling Equipment, ZE/Hybrid Marine, Strategic Range Extenders, ZE Facilities/Communities/Corridors	\$225-\$350 Million Focus: ZE Longer Range Trucking, ZE Ag-Construction-Heavier Cargo Handling Equipment, ZE/Hybrid Marine, Strategic Range Extenders, ZE Facilities/Communities/Corridors, ZE Aviation	TBD
Commercial	1,210-\$1,815 Million Focus: ZE Drayage, ZE Long Haul Trucks, ZE Transit, ZE Heavier Cargo Handling Equipment, ZE Switcher Rail, ZE/Hybrid Marine, ePTOs	\$1,460-\$2,170 Million Focus: ZE Drayage, ZE Long Haul Trucks, ZE Transit, ZE Heavier Cargo Handling Equipment, ZE Switcher Rail, ZE/Hybrid Marine, ePTOs	TBD
Total Funding	\$1,465-\$2,235 Million*	\$1,750-\$2,620 Million*	TBD

Heavy-Duty Vehicle and Off-Road Equipment Investments

- Advanced Technology Demo and Pilots
- Hybrid and ZE Truck and Bus Voucher Pilot (HVIP)
- Innovative Small e-Fleet (ISEF)
- Clean-Off Road equipment Voucher Incentive Program (CORE)
- Truck Loan Assistance
- ZE Truck Loan Pilot

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Contact Us

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