



# **Evening Community Meeting: Clean Transportation Incentives**

April 21, 2026

# Meeting Agreements

- Be respectful
- Take space, make space
- Listen to understand
- Consider equity

# Evening Community Meetings

Monthly community meetings provide a space for community members to engage with California Air Resources Board staff.

## Community Meeting Goals

- Hold a platform for community voices and priorities
- Brainstorm solutions for clean transportation needs
- Highlight important program information
- Foster ongoing communication between staff and communities

# Today's Agenda

Time	Session
5:00 – 5:10 p.m.	Introduction
5:10 – 5:30 p.m.	Introduction to Drive Forward Truck Forum on Infrastructure
5:30 – 5:50 p.m.	Recap of March Drive Forward Heavy-Duty Incentives and Fiscal Year 2025-26 and 2026-27 AQIP Funding Plan
5:50 – 6:10 p.m.	California Climate Investments: Proposed Supplemental Guidance Document to Avoid Burdens or Harms to Priority Populations
6:10 – 6:30 p.m.	California Clean Construction: A New CARB Construction Emission Reduction Tool
6:30 – 6:35 p.m.	Future Events, Wrap Up, and Next Steps



# **Introduction to Drive Forward Truck Forum on Infrastructure**

Leslie Goodbody

# Drive Forward Truck Forum: Infrastructure Workgroup Meetings

- Virtual quarterly meetings launched in December 2023
  - Address infrastructure challenges facing trucking fleets
  - Diverse group of panelists
  - Slides, recordings and future meeting announcements available at [arb.ca.gov/ZEInfrastructure](https://arb.ca.gov/ZEInfrastructure)
- Solution-focused meetings:
  - Addressing infrastructure challenges facing fleets
  - Improving permitting and energization timelines
  - Access to infrastructure-related resources

# Example meeting topic: If I buy a zero-emission truck, where can I fill up?

- Online database: [MD/HD ZEV Infrastructure Dashboard](#)
- Details provided for each charging and hydrogen station site:
  - Location, hours of operation, driver amenities
  - Conditions for access: drop-ins or reservations and/or pre-established contract
  - Fill rates/charge rates
  - Fuel cost or cost to charge and payment mechanism
  - Who to contact at each company

# Example meeting topic: Planning and Executing a Charging Infrastructure Project

## Fleet evaluation and transition planning

- Evaluate fleet
- Assess existing electrical capacity
- Evaluate costs
- Identify funding sources

## Project design

- Select charging equipment and/or charging service provider
- Align timing of infrastructure projects with vehicle deliveries

## Coordination with local authorities

- Learn how permit streamlining rules can help expedite approvals

## Electrical utility engagement early and often

- Utilities staff support commercial fleet customers
- Online planning tools and resources

# Other Meeting Topics

1. Reliability and recordkeeping requirements for publicly funded chargers
2. Microgrids and on-site power generation
3. Fuel cell refuse trucks using renewable hydrogen produced on-site from landfill gas, green waste, or other waste resources



# 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](mailto:cleantransportationincentives@arb.ca.gov)



**Recap of March Drive Forward Heavy-Duty  
Incentives and Fiscal Year 2025-26 and  
2026-27 AQIP Funding Plan Workshop**

Amrit Sandhu

# CARB Funding Plan

The Clean Transportation Incentives Funding Plan is an annual guide that details how CARB will use money appropriated by the California Legislature.

## Goals



Improve air quality



Reduce impacts of climate change



Help communities and businesses



Improve incentive projects and programs

## Process\*



## Outcomes



Details appropriations and allocations for each fiscal year



Outlines drivers and vision for investments



Meets CARB and California goals and community and business needs

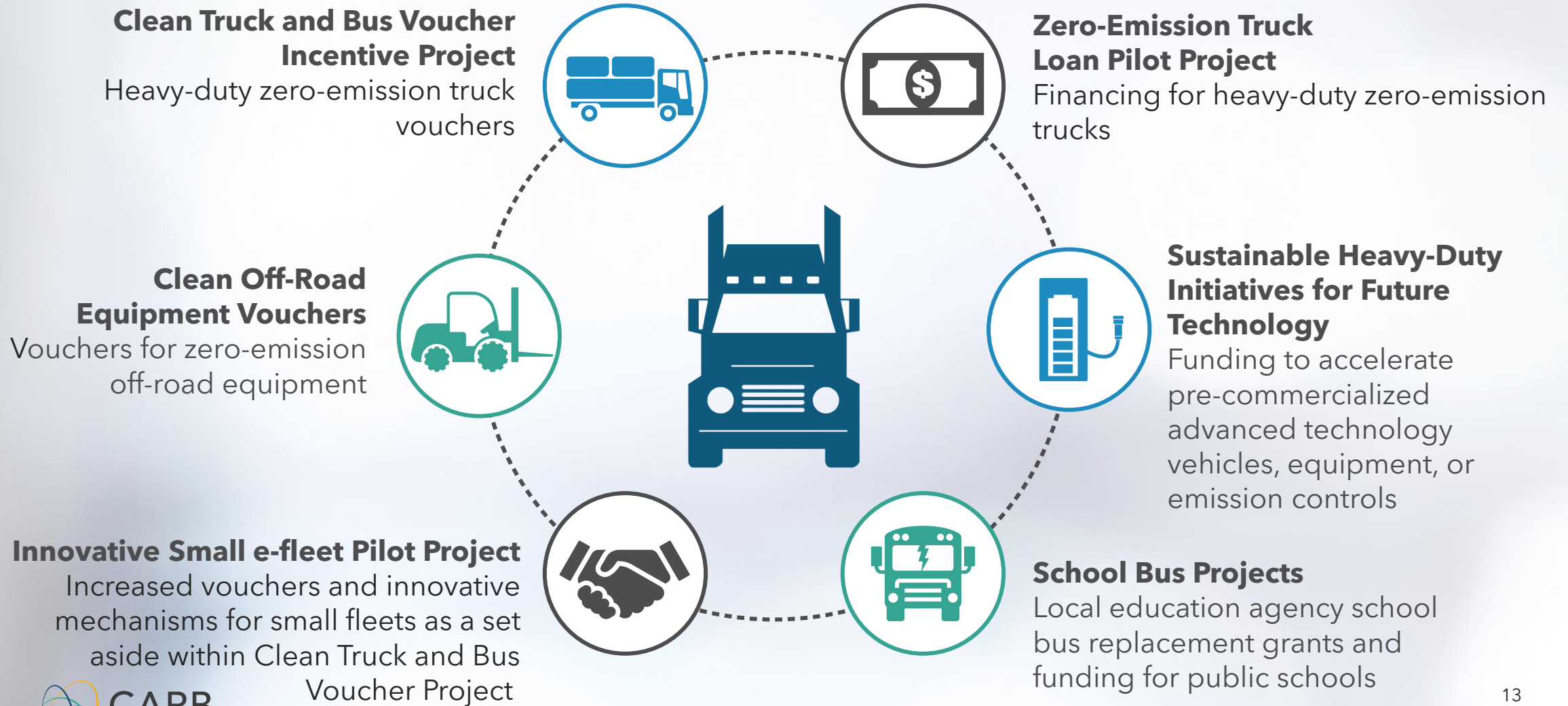
## Get Involved

Subscribe to receive updates, participate in public meetings and workshops, and collaborate with CARB staff to decide where funding is invested in California.



\* This reflects the standard process, however due to federal actions, this year's Funding Plan will proceed under a modified process.

# Medium- and Heavy-Duty Incentive Projects



# Clean Truck & Bus Voucher Incentive Project (HVIP)

- **Project Overview:**
  - First-come, first-served on-road voucher program
  - Support CARB regulatory programs
  - Accelerate market transformation for the cleanest technologies
  - Support equitable investments
  - No scrappage requirement
- **Vehicle type:** Heavy-Duty Trucks, Buses, Drayage
- **Project Status**
  - \$1.6 billion in total funding
  - 11,000+ vehicles deployed



# Innovative Small E-Fleet Pilot Project (ISEF)

- **Project Overview:**

- Incentives for small fleets to access zero-emission technologies
- Encourages fleets to explore short-term rentals, all-inclusive leases, peer-to-peer sharing, as-a-service, and other mechanisms
- Reduces total cost and complexity
- Advances equitable access to clean transportation

- **Vehicle type:** Zero-emission, Medium- and Heavy-Duty Trucks, Zero-emission Buses

- **Project Status:**

- \$95 million allocated
- 275 vehicles deployed



# Zero-Emission School Bus and Infrastructure (ZESBI)

- **Project Overview:**
  - Replacement of old internal combustion school bus with a zero-emission school bus
  - Provides funding for bus and charging infrastructure in one application
  - Prioritized small/rural school districts and underserved communities
  - Scrappage required
- **Vehicle type:** Zero-emission school buses and associated infrastructure
- **Project Status:**
  - \$500 million of funding
  - 1,000+ Zero-emission school bus grants underway



# Zero-Emission Truck Loan Pilot

- **Project Overview:**
  - Financing support for small fleets
  - Eligibility includes small fleets of 20 vehicles or less (up from 10)
  - Provides lender support through a loan-loss reserve structure
- **Vehicle Type:** All new or used On-Road Zero-emission Vehicles Class 2b & above
- **Project Status**
  - \$10 million allocated
  - \$1.9 million in loans supported
  - 26 clean vehicles financed

# Sustainable Heavy-Duty Initiatives for Future Technology (SHIFT)

- **Project overview:**

- 35 projects implemented to date
- Accelerate technologies into the marketplace
- Demonstration projects support precommercial technologies
- Pilot projects support commercialized technologies to accelerate acceptance

- **Eligible Technologies:** Historically covered Zero-emission on-road buses, off-road equipment, commercial harbor craft, locomotives, and other clean technologies

- **Project Status:**

- Early implementation of 12 new projects awarded through recent Solicitation

**SHIFT**

# Clean Off-Road Equipment (CORE)

- **Project Overview**

- First-come, first-served off-road incentive program
- Offsets higher zero-emission equipment purchase costs
- CARB determines voucher amounts and evaluates equipment, and administration is done through a 3<sup>rd</sup> party grantee
- Stacking allowed and no scrappage required

- **Funding Category:** Construction, Agriculture, Cargo Handling, Mobile Power Units, Forklifts, etc.

- **Project Status**

- \$538 million allocated to date
- 2,348 Zero-emission equipment deployed
- 700+ participants have received vouchers



# Fiscal Year (FY) 2025-26 and FY 2026-27 Budget

Medium- & Heavy-Duty Zero-Emission Projects	Amount (millions)
FY 2025-26 Air Quality Improvement Program (AQIP)	~ \$35
Proposed FY 2026-27 AQIP Funds	~ \$35
<b>Total Funding</b>	<b>~ \$70</b>

# AQIP Funding Strategy & Key Considerations

- **AQIP Funding:** ~\$70 M subject to CARB discretion
- **Focus:** Medium/Heavy-Duty projects (CA Health & Safety Code, Section 44274.(a))
- **Considerations**
  - Incorporated Drive Forward feedback
  - Identified key priorities
  - Balanced limited funding with strategic approach

# Draft Proposed FY 2025-26 and FY 2026-27 AQIP Funding Allocation

**AQIP Draft Proposal: ~\$68 million to CORE**

## **Benefits:**

- Higher impact when strategically investing funds in a single program
- High demand in CORE
- Most cost-effective Low Carbon Transportation program
- Stakeholders identified Zero-emission off-road as a top priority

**Utilize Existing HVIP Funds: Bulk deployment**

## **Benefits:**

- Scale deployments to bring down costs

# Contact Us

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[Funding Plan Engagement Opportunities](#)

# Comments and Questions



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**California Climate Investments:  
Proposed Supplemental Guidance Document  
to Avoid Burdens or Harms to Priority Populations**

Nicole Hernandez

# What is California Climate Investments?



 AGRICULTURE	 TECHNICAL ASSISTANCE
 ENERGY	 TRANSPORTATION
 NATURE-BASED SOLUTIONS	 WASTE DIVERSION
 PLANNING AND RESEARCH	 WATER
 SUSTAINABLE COMMUNITIES	 WORKFORCE DEVELOPMENT

# Administering Agencies



CA Governor's Office of Land Use and Climate Innovation



CALIFORNIA STRATEGIC GROWTH COUNCIL



CALIFORNIA COASTAL COMMISSION



CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE



Cal OES GOVERNOR'S OFFICE OF EMERGENCY SERVICES



Department of Toxic Substances Control





# Funding Guidelines Principles

**Facilitate GHG emissions reductions**

**Target investments to priority populations**

**Avoid potential burdens or harms**

**Maximize economic, environmental, and public health benefits for communities across the State**

**Ensure transparency and accountability**

# Funding Guidelines Requirement II.C.5



“Administering agencies must consider and **avoid potential substantial burdens or harms to priority populations** throughout program design and into project selection”

# California Climate Investments Definition of Burden or Harm



**Adverse impacts** from implementing a climate program to:

- Regions
- Communities
- Households
- Cultures
- Environments

These impacts can **introduce**, **continue**, or **worsen** existing inequities or patterns of injustice

A burden or harm can be **direct** or **indirect**, and **exist across time** from design to implementation to long-term impacts

# Supplemental Guidance to Avoid Burdens to Priority Populations



## Phase 1: Identify Potential Burdens

- A. Learn about types of burdens
- B. Identify potential burdens
- C. Community engagement



## Phase 2: Develop Strategies to Avoid Burdens

- A. Implement strategies in program design
- B. Implement strategies in project selection
- C. Community engagement

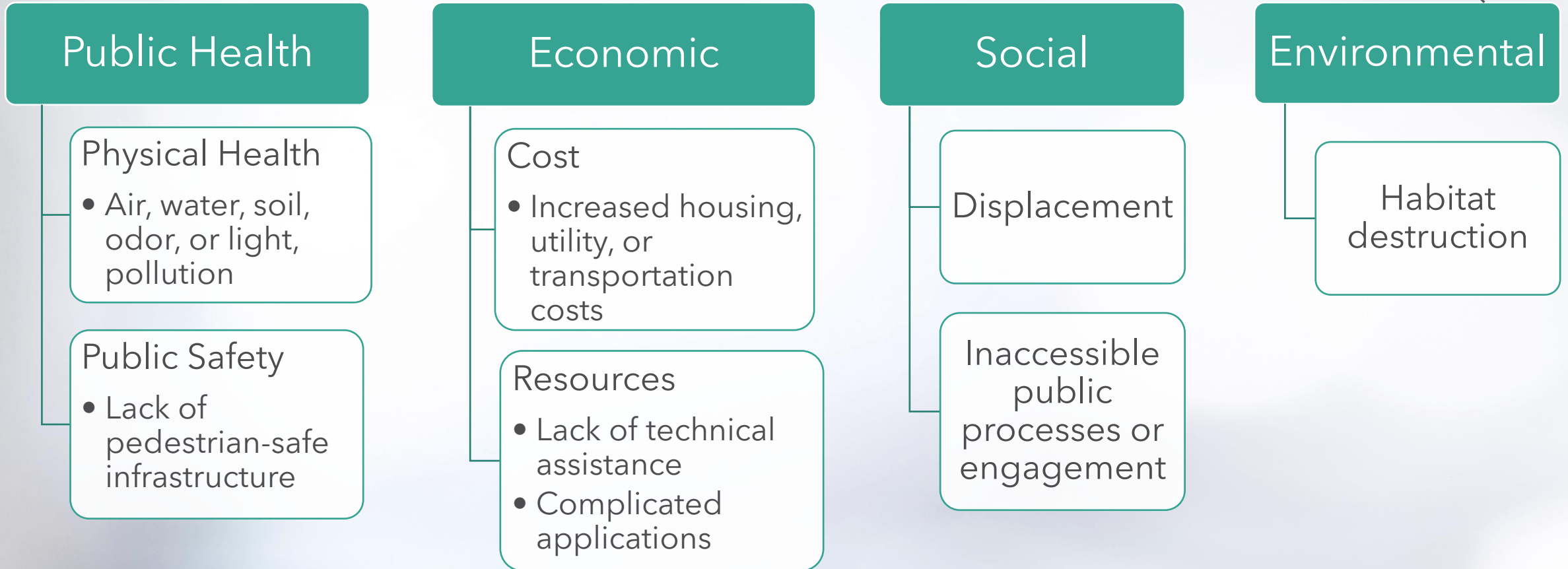


## Phase 3: Evaluate Outcomes and Identify Improvements

- A. Monitor projects and evaluate outcomes
- B. Build capacity and improve burden avoidance

# Phase 1: Identify Potential Burdens

## Step A: Learn about types of burdens



**Discussion Question: What kinds of burdens do you see or experience that you want to make sure we include?**

# Phase 1: Identify Potential Burdens

## Example Strategies



### Step B: Identify potential program and project type burdens

- Existing reports, letters, or feedback from communities
- Data mapping tools: CalEnviroScreen and Healthy Places Index
- Health Impact Assessments

### Step C: Conduct meaningful community engagement

- Share identified burdens and confirm with communities
- Ask communities to share additional burdens
- Ask communities to recommend strategies to avoid the identified burdens

**Discussion Question: What strategies for identifying potential burdens would you want to see us uplift and encourage?**

# Phase 2: Develop Strategies to Avoid Burdens

## Example Strategies



### Steps A & B: Implement strategies to avoid burdens in program design and project selection

Project activities and locations	Community engagement	Support and accessibility
<ul style="list-style-type: none"><li>• Incentivize burden avoidance plans</li><li>• Burden reducing activities as eligible costs</li><li>• Require projects to demonstrate they will not worsen existing burdens</li></ul>	<ul style="list-style-type: none"><li>• Require community advisory committees</li><li>• Require partnerships with communities</li><li>• Incentivize community benefit agreements or community support letters</li></ul>	<ul style="list-style-type: none"><li>• Streamline and simplify application processes and requirements</li><li>• Fund capacity building activities and provide technical assistance</li></ul>

**Discussion Question: What strategies would you encourage us to include to meaningfully avoid or reduce burdens?**



# Conclusion

- We invite **public comment** on the draft supplemental guidance and resources
- View the guidance and resources and submit public comment at [caclimateinvestments.ca.gov/public-participation-opportunities](https://caclimateinvestments.ca.gov/public-participation-opportunities)
- Contact information:
  - To submit public comments and for questions: [GGRFProgram@arb.ca.gov](mailto:GGRFProgram@arb.ca.gov)
  - Avoiding Burdens Guidance Lead: [Nicole.Hernandez@arb.ca.gov](mailto:Nicole.Hernandez@arb.ca.gov)

# Comments and Questions



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Join the Poll by visiting [PollEV.com/climateinvestments961](https://PollEV.com/climateinvestments961) or text **climateinvestments961** to **22333**

# To submit responses after the meeting



Email [cleantransportationincentives@arb.ca.gov](mailto:cleantransportationincentives@arb.ca.gov)



Submit answers to discussion questions:  
<https://forms.office.com/g/ygY0WQ8Dpj>



# **California Clean Construction New Construction Emission Reduction Tool**

Holmes Bassette

# Outline

- California Clean Construction Program Purpose
- Target Users
- Implementation
- Zero-Emission Equipment List
- Status

# California Clean Construction Program Purpose

- 2022 State Strategy for the State Implementation Plan measure
- Intended to reduce emissions from off-road equipment and increase the use of zero-emission equipment



# California Clean Construction Users

- Awarding bodies such as:
  - Municipalities
  - Districts
  - Regional agencies and associations of governments
  - Private industry and organizations

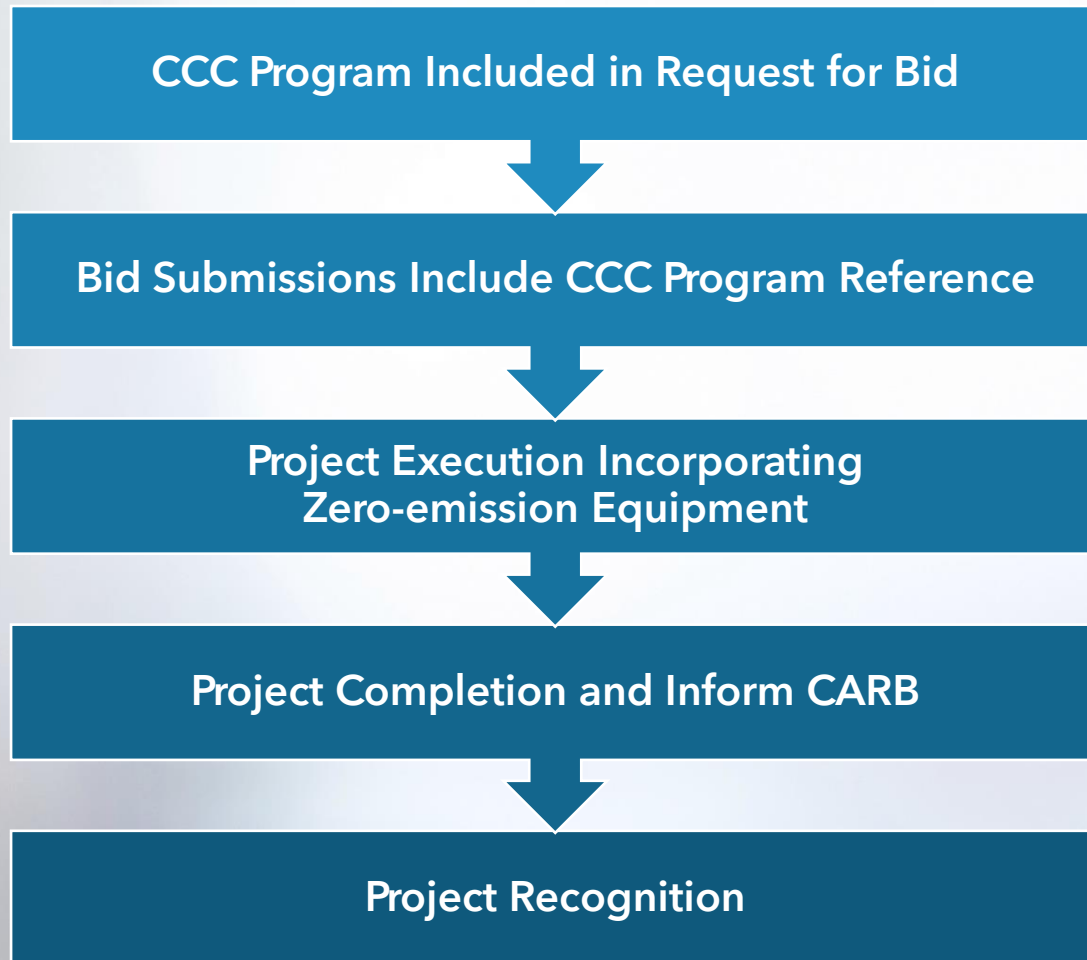


# California Clean Construction Program



- Voluntary, non-monetary incentive
- Provides a standardized measure for construction projects to reduce emissions
- Projects reduce emissions with use of zero-emission equipment
- Provides recognition for awarding body and contractor
- California Environmental Quality Act mitigation measure eligible

# Implementation



The awarding body implements the program, maintains flexibility to add additional conditions specific to their project, and grants eligible exceptions.

# Zero-Emission Equipment List

California Clean Construction requires the use of zero-emission construction equipment.

- List of zero-emission off-road construction equipment types available for lease, rent, or purchase in California
- List updated regularly

# Zero-Emission Equipment List



Aerial lift (scissor or personnel)



Compact/mini excavator (up to 15,000 lbs. operating weight)



Compact /mini track and wheel loaders (up to 15,000 lbs. operating weight)



Dumper/buggy



Forklift (up to 5,000 lbs. lift capacity)

# Zero-Emission Equipment List - Continued



Light cart/tower/stand



Power generation systems, battery energy storage systems



Tampers/mini-compacters/mini-rollers



Walk-behind concrete saw

# Status

- Program is available for immediate participation
- Conducting outreach, including mailers, emails, direct engagements, and more
- Supporting and planning for early projects



# Contact

Our team is available to meet and discuss the program:

- **Email - [CaliforniaCleanConstruction@arb.ca.gov](mailto:CaliforniaCleanConstruction@arb.ca.gov)**
- **Webpage - [California Clean Construction](#)**

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# **Future Events, Wrap-Up, and Next Steps**

# Upcoming Meetings & Events

Events	Date
CARB Board Meeting	Apr. 23-24
Zero-Emission Showcase + Ride & Drive Event	Apr. 29
Clean Transportation Equity Symposium	May 5
Evening Community Meeting	May 19
Los Amigos de la Comunidad Community Listening Session	May 18
Valley Vision Community Listening Session	May 20

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# Contacts

## Evening Community Meetings

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## Funding Plan

[Engagement Opportunities](#)

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