

# AB 617 - SELA

COMMUNITY STEERING COMMITTEE  
QUARTERLY MEETING #3 (2023)

VIRTUAL MEETING

SEPTEMBER 21, 2023

Gina Triviso  
Senior Public Affairs Specialist



# SELA CSC 2023

## Member Updates





# ENVIRONMENTAL JUSTICE BUS TOUR – AUGUST 23<sup>RD</sup>

CRITICAL COMMUNITY  
CONVERSATIONS FOR  
PURPOSEFUL OUTREACH

(C3PO)

# AB 617 – 2023 COMMUNITY STEERING COMMITTEE SCHEDULE (SELA)

<i>March 23, 2023 (Quarter 1)</i>	<i>Community Steering Committee Meeting 4 to 6 pm</i>	<i>June 22, 2023 (Quarter 2)</i>	<i>Community Steering Committee Meeting &amp; South Coast AQMD Metal Rules Workshop 4 to 6:30 pm</i>
<b>September 21, 2023 (Quarter 3)</b>	<b>Community Steering Committee Meeting 4 to 6 pm</b>	<b>November 16, 2023 (Quarter 4)</b>	<b>Community Steering Committee Meeting 4 to 6 pm</b>

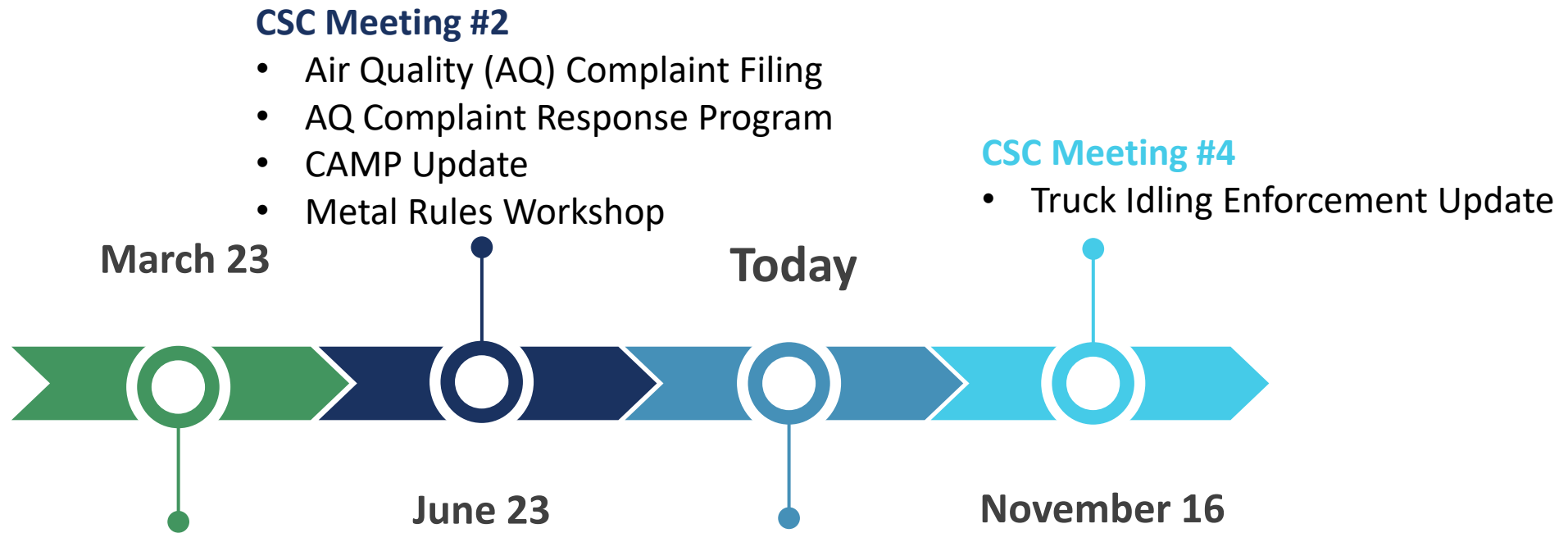
# COMMUNITY EMISSIONS REDUCTION PLAN (CERP) IMPLEMENTATION

2023 SOUTHEAST LOS ANGELES (SELA) COMMUNITY STEERING COMMITTEE (CSC)  
QUARTERLY MEETING #3  
SEPTEMBER 21, 2023



Nish Krishnamurthy, Ph.D. – Air Quality Specialist

# 2023 SELA CSC MEETING TIMELINE



## CSC Meeting #2

- Air Quality (AQ) Complaint Filing
- AQ Complaint Response Program
- CAMP Update
- Metal Rules Workshop

## CSC Meeting #4

- Truck Idling Enforcement Update

## CSC Meeting #1

- Incentives Programs
- F.I.N.D. Tool
- Green Spaces
- Community Air Monitoring Plan (CAMP) Update

## CSC Meeting #3

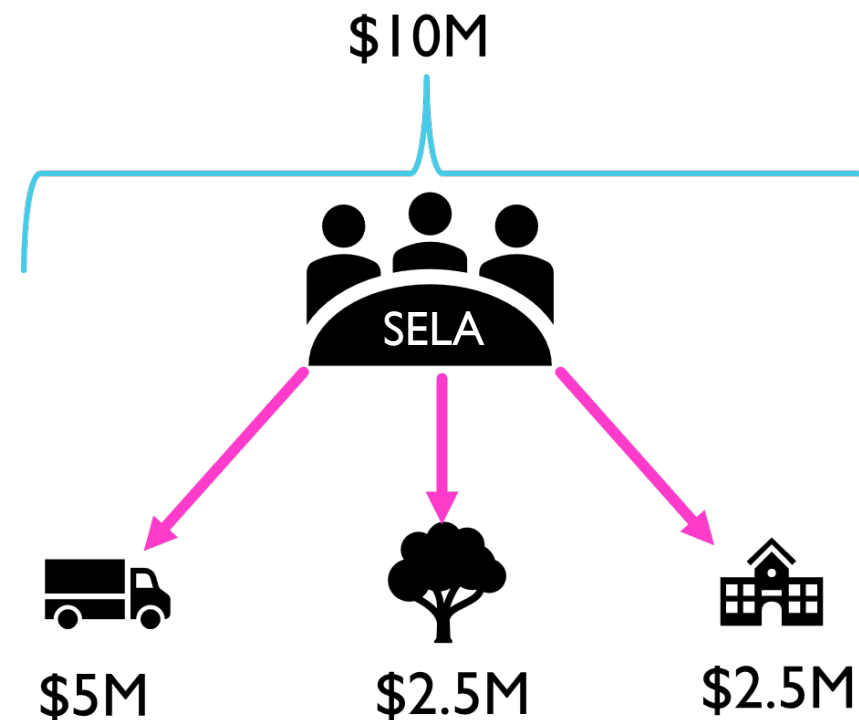
- Green Spaces Update
- Metal Rules Workshop Recap
- CARB Rules Update

# GREEN SPACES



# COMMUNITY AIR PROTECTION (CAP) INCENTIVES – BACKGROUND

- CAP incentives are designated to AB 617 through the California Climate Investments funding to be administered by air districts in partnership with local communities
- SELA was allocated \$10 million (M) in Year 3 CAP incentive funds (Fiscal Year 2019-2020) for community-identified projects
- March & April 2021\*: CSC prioritized and allocated CAP funding for:
  1. **Trucks** (\$5M)
  2. **Green spaces** (\$2.5M)
  3. **School air filtration systems** (\$2.5M)
- Community-identified projects must adhere to the Community Air Protection Incentives 2019 Guidelines to administer funding, including CARB approval of a project plan\*\*



\* March 2021 Meeting Presentation: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/southeast-los-angeles/presentation-mar4-2021.pdf?sfvrsn=8>

April 2021 Meeting Presentation: <https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/southeast-los-angeles/presentation-apr15-2021.pdf?sfvrsn=14>

\*\* CAP Incentives 2019 Guidelines: [https://ww2.arb.ca.gov/sites/default/files/2020-10/cap\\_incentives\\_2019\\_guidelines\\_final\\_rev\\_10\\_14\\_2020\\_0.pdf#page=89](https://ww2.arb.ca.gov/sites/default/files/2020-10/cap_incentives_2019_guidelines_final_rev_10_14_2020_0.pdf#page=89)



## GREEN SPACES – BACKGROUND

- Chapter 5d – Green Spaces, Actions A, B, and C\*
  - **Goal:** Increase green spaces in the community
  - **Action:** Evaluate opportunities to use funds in support of community green space projects (e.g., bikeways, river paths, transit corridors)
- **Objective:** Provide update on development of the Project Plan for Green Spaces



\*<https://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/southeast-los-angeles/final-cerp/final-cerp.pdf?sfvrsn=9#page=112>

# DEVELOPMENT TIMELINE

- South Coast AQMD met with the community to better understand the implementation of green space projects and identify potential opportunities
  - April 2021 (Gateway Cities Council of Governments (COG), TreePeople)
  - December 2021 (Gateway Cities COG)
  - March 2022 (Gateway Cities COG)
- South Coast AQMD solicited CSC feedback on green space projects:
  - Meeting with CSC members in August 2022
  - March 2023 Quarter I CSC Meeting\*
  - August 23, 2023 SELA community tour (Critical Community Conversations for Purposeful Outreach)
- South Coast AQMD is developing the Green Space Project Plan (GSPP) which is informed by CSC feedback, discussions with agencies and community groups, and other air districts' urban greening programs
  - The GSPP informs CARB how South Coast AQMD plans to implement green space projects funded by Year 3 CAP incentive funds



# GREEN SPACES PROJECT PLAN

## **Project Plan Requires:**

- Selected contractors must plant drought-tolerant, nonpoisonous trees with a low potential to emit volatile organic compounds
- Green space projects must increase tree canopy coverage and increase or improve recreational opportunities
- Applicants must calculate the annual watering requirements for proposed green space projects and applications will be evaluated for water usage efficiency
- Green space projects must be maintained for 5 years

## **Project Plan Gives Preference to:**

- Cost-sharing or leveraging funds to support maintenance activities (e.g., maintenance funded by applicant, agreements with other entities, etc.)
- Leveraging of funds to incorporate an emissions reduction component (e.g., electric vehicle charging, active transportation projects, zero-emission maintenance equipment, etc.)



# GREEN SPACES PROJECT PLAN STATUS AND NEXT STEPS

*September 2023*



Submit GSPP to CARB for approval

*November 2023*



Present the SELA Green Space Request for Proposals (RFP) to South Coast AQMD's Stationary Source Committee\*

*December 2023*



Present the SELA Green Space RFP to South Coast AQMD's Governing Board\*

*Early 2024*



Receive applications, present to CSC for feedback, and execute contracts

\*Opportunity for CSC and public comment



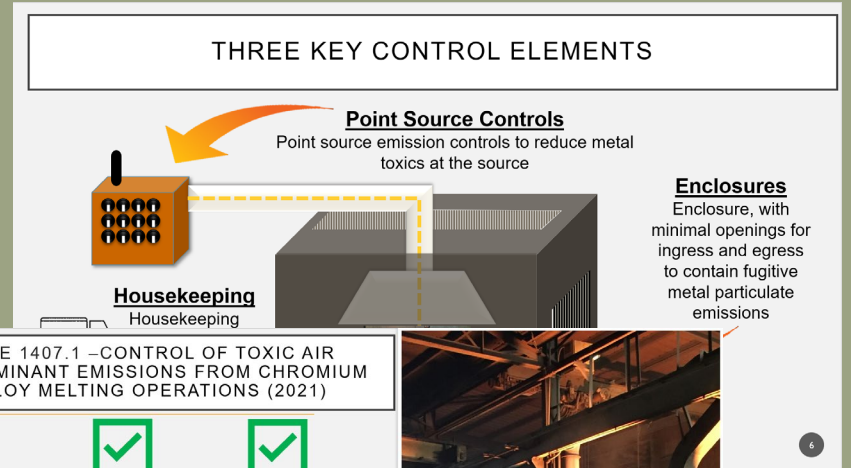
Questions?

# SOUTH COAST AQMD METAL RULES WORKSHOP UPDATE

Southeast Los Angeles  
Community Steering Committee Meeting  
September 21, 2023

# BACKGROUND INFORMATION

- On June 22<sup>nd</sup>, provided presentation on rules developed to address metal toxic air contaminants
- Discussed key control elements
  - Point source controls
  - Enclosures
  - Housekeeping
- Provided summary on ten source-specific metal processing rules
  - Including applicability and required controls
- Highlighted future rule making activities
- Presentation available at:  
<https://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134/southeast-los-angeles>



## RULE 1407.1 – CONTROL OF TOXIC AIR CONTAMINANT EMISSIONS FROM CHROMIUM ALLOY MELTING OPERATIONS (2021)



Point Source

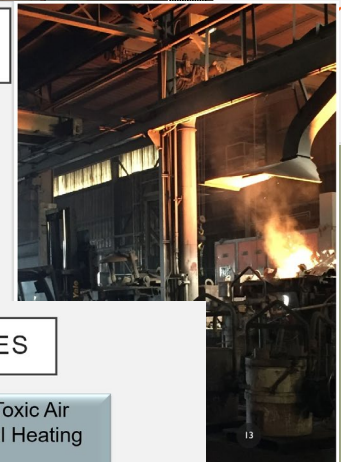


Housekeeping



Enclosure

- Regulates facilities conducting chromium alloy melting operations
- Sets restrictions on the percentage of



## FUTURE RULE MAKING ACTIVITIES



Proposed Rule 1435 – Control of Toxic Air Contaminant Emissions from Metal Heating Operations



Proposed Rule 1445 – Control of Toxic Emissions from Laser and Plasma Arc Cutting



Proposed Rule 1455 – Control of Toxic Emissions from Torch Cutting and Welding

# UPDATE ON RULE MAKING ACTIVITIES



## Proposed Rule 1435 – Control of Toxic Air Contaminant Emissions from Metal Heating Operations

- Addresses toxic emissions from metal heating
- Approximately ten to fifteen facilities in SELA
- Last working group meeting held May 18, 2023
- Next meeting tentatively scheduled for late September or October
- Public Hearing scheduled for 2<sup>nd</sup> quarter 2024



## Proposed Rule 1445 – Control of Toxic Emissions from Laser and Plasma Arc Cutting

- Addresses toxic fumes generated from vaporizing metal during cutting operations
- Approximately ten to fifteen facilities in SELA
- Last working group meeting held September 14, 2023
- Public Hearing scheduled for 2<sup>nd</sup> quarter 2024

Sign up to receive e-mail updates via <http://www.aqmd.gov/sign-up>



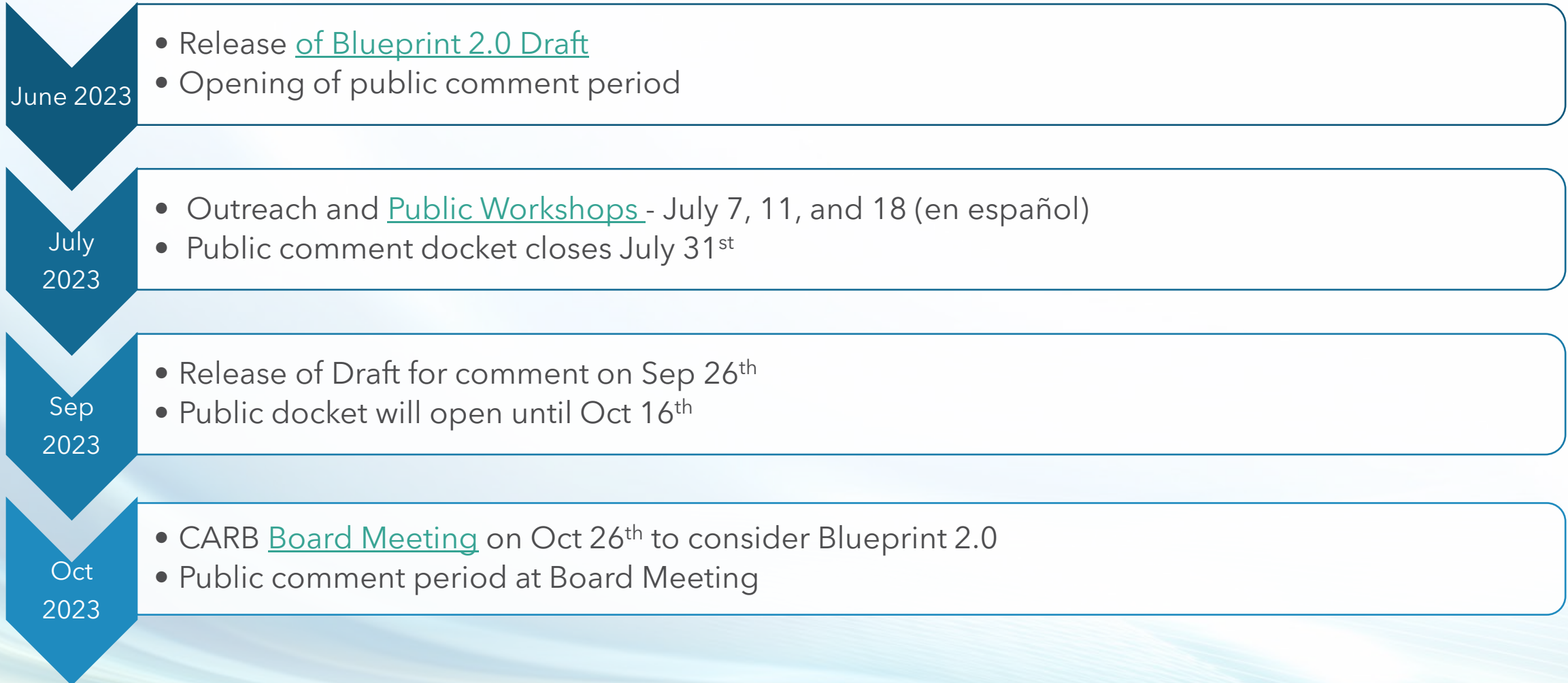


# **Updates on Statewide Strategies**

Southeast Los Angeles Community Steering Committee Meeting  
September 21, 2023

# Blueprint 2.0 Development Timeline

Summer 2022 through October 2023

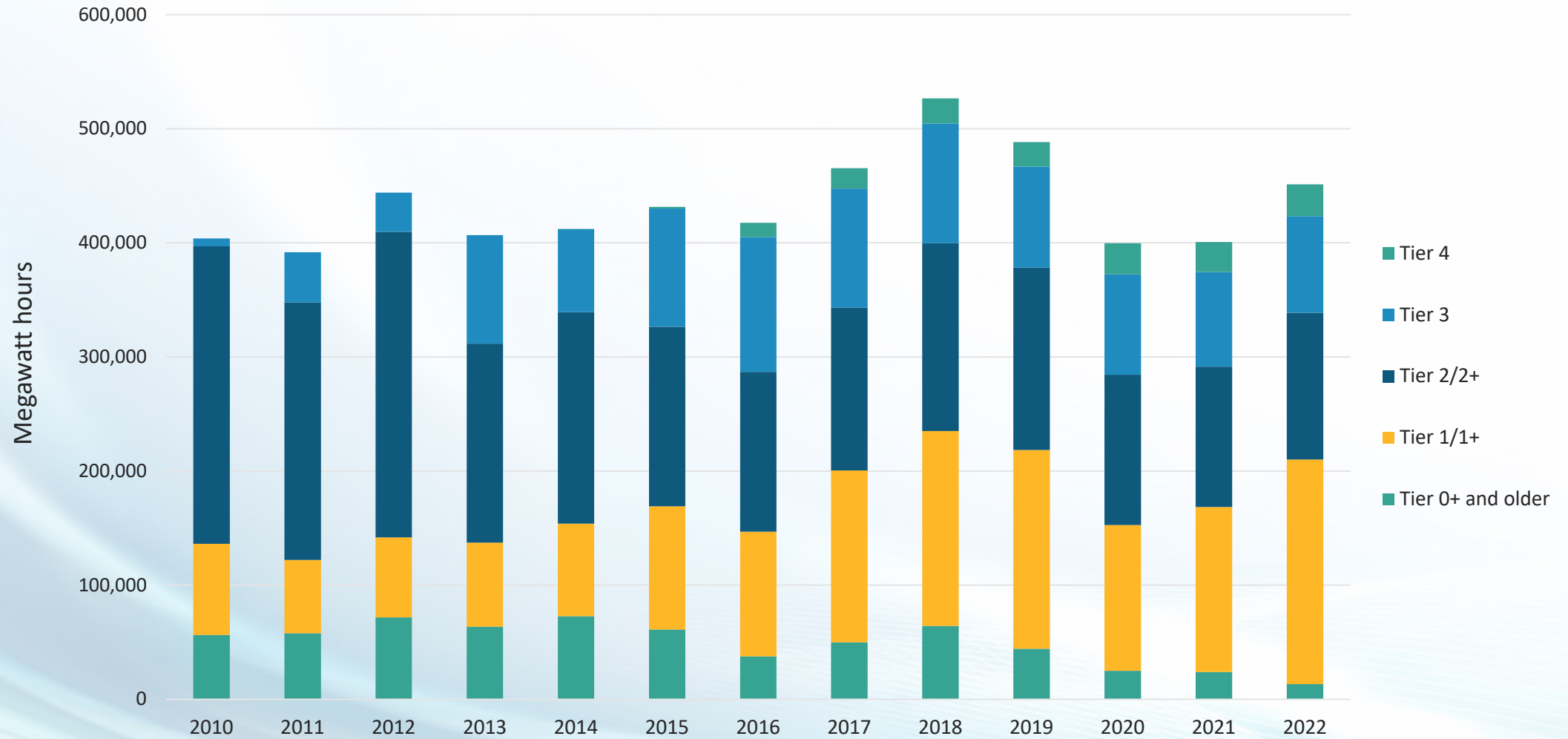




# **In-Use Locomotive Regulation Summary**

(Locomotives)

# Background



# Background

Exposure to the emissions from **one train** is worse than being exposed to the emissions from **400 trucks**.



# In-Use Locomotive Regulation Summary

## Spending Account

- Annual funding requirement based on locomotive emissions
- Funds used for cleaner locomotive technologies
- Beginning July 2026, funds will be deposited for 2025 activity

## In-Use Operational Requirements

- Beginning January 2030
- 2030 and 2035 Zero Emission Operational Requirements

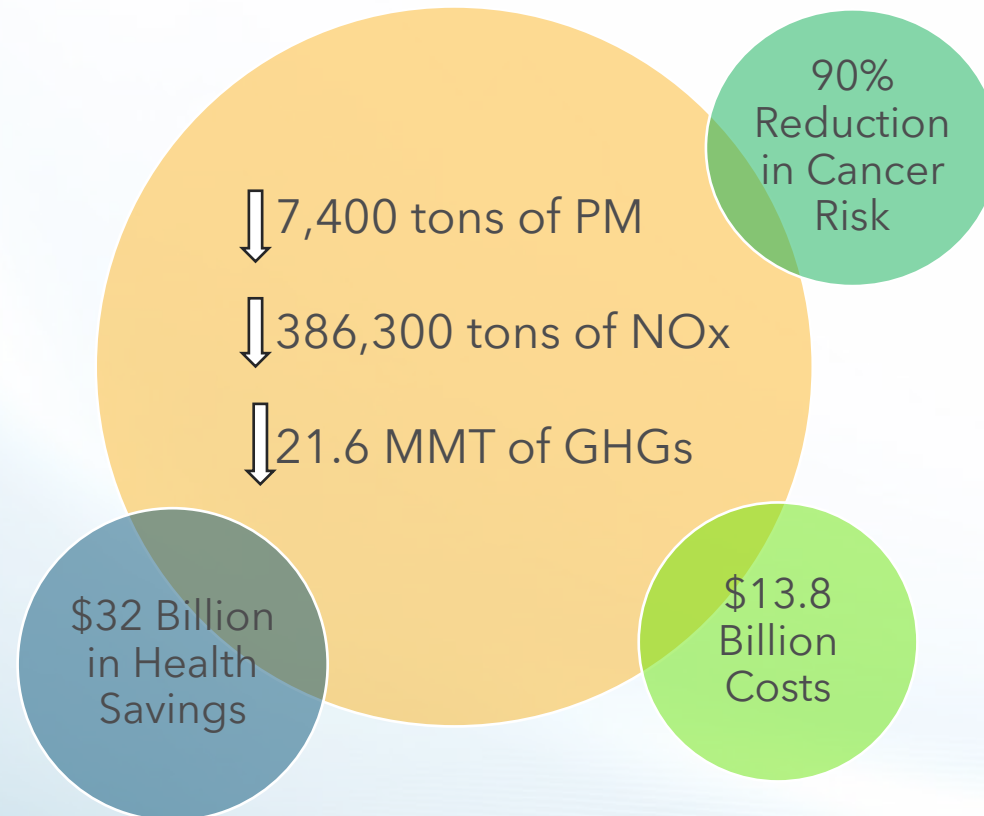
## Idling Requirements

- Idling prohibited over 30 minutes (unless exempt)

## Recording and Recordkeeping

- Submitted in July 2026 (for 2025 activity)
- Annual Statewide locomotive reporting

# Benefits of the Locomotive Regulation



For more information visit: <https://ww2.arb.ca.gov/our-work/programs/reducing-rail-emissions-california> or contact us at: [freight@arb.ca.gov](mailto:freight@arb.ca.gov).



**Advanced Clean Trucks Regulation,  
Advanced Clean Fleets Regulation,  
and Heavy-Duty Inspection & Maintenance (HD  
I/M) Regulation**

(Heavy-Duty Vehicles)



# Advanced Clean Truck Regulation

- **What is it?**

- Requires manufacturers to sell zero-emission trucks beginning with 2024 model year - sales % increases over time

- **Who is regulated?**

- Any manufacturer that certifies on-road vehicles over 8,500 lbs. gross vehicle weight rating for sale in California



# Advanced Clean Trucks: California is not Alone...

Section 177 of the Clean Air Act allows states to adopt California motor vehicle standards

Adopted ZEV Regulations-impacts 20% of trucks nationally



Advanced Clean Cars - 12 states

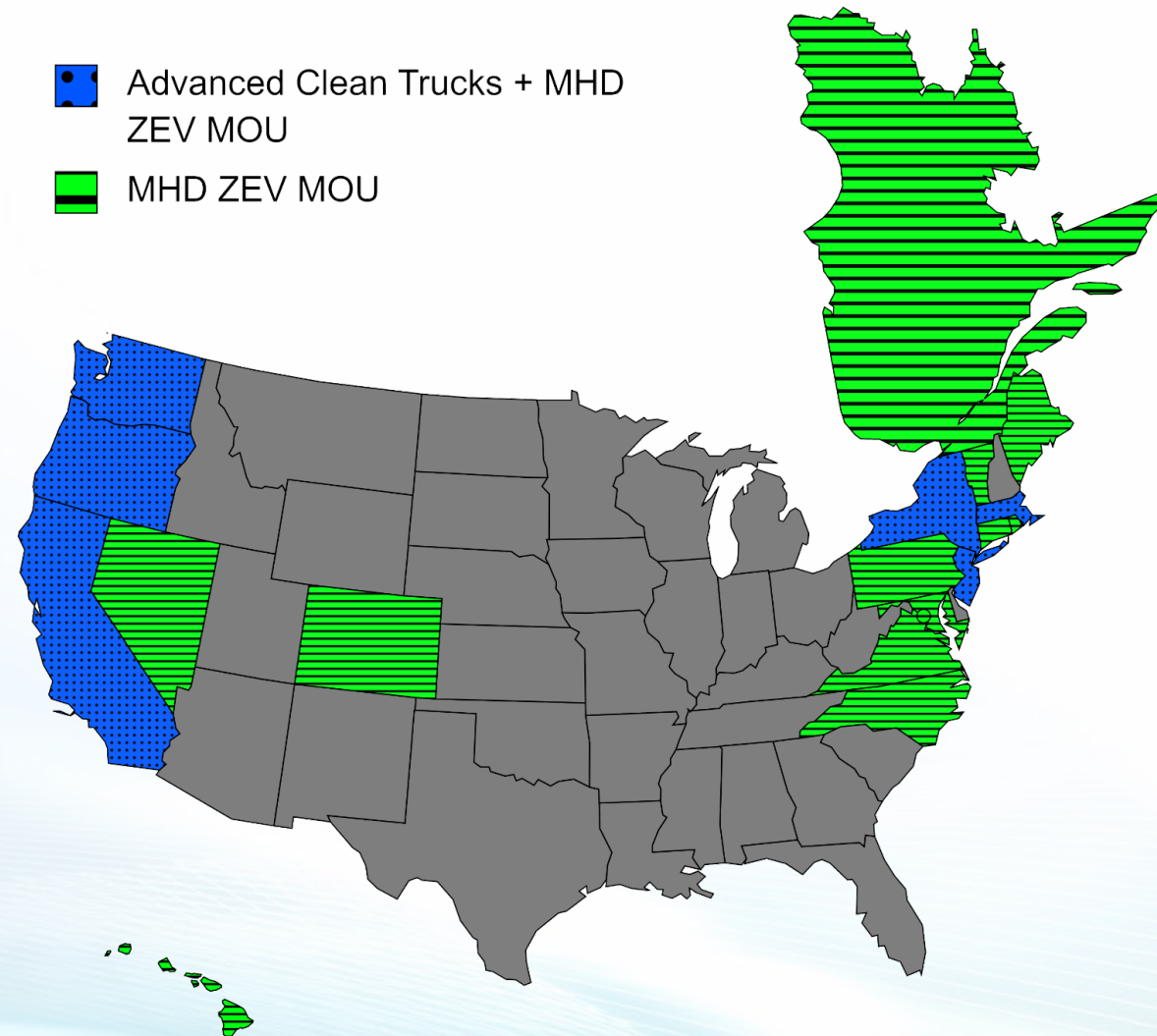
Advanced Clean Trucks - 8 states

Medium- and Heavy-duty ZEV Commitments

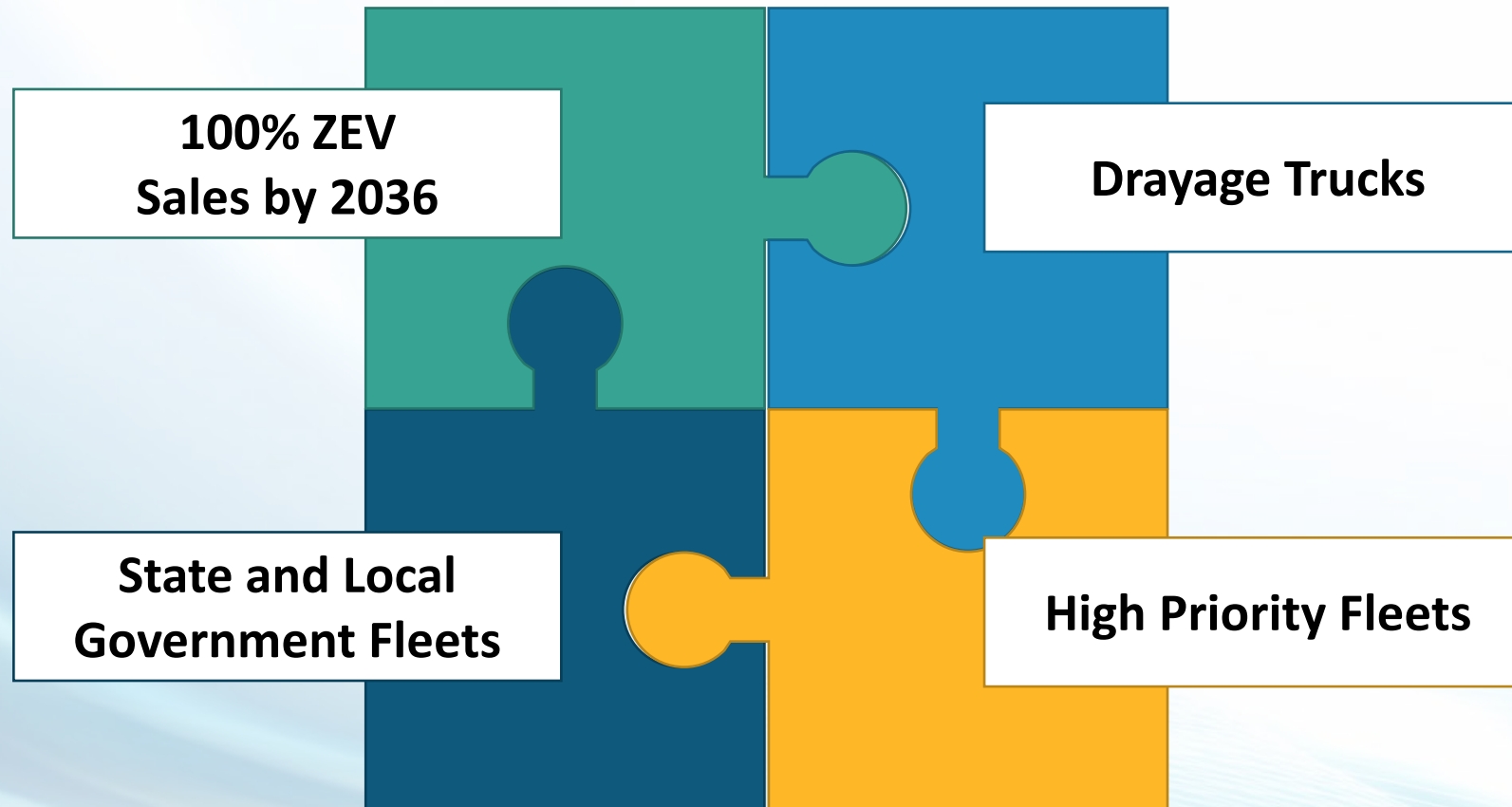
17 states and DC

Province of Quebec, Canada

-  Advanced Clean Trucks + MHD ZEV MOU
-  MHD ZEV MOU



# Advanced Clean Fleets Regulation Components



# Proposed Drayage Truck Regulation

- Require Class 7-8 drayage trucks operating at California's seaports and intermodal railyards to be Zero-Emission Vehicles (ZEVs) by 2035
- Includes a phased-in approach for drayage trucks beginning in 2024 for new port entries and truck that have reached useful life



# High Priority and Federal Fleets

## Affected businesses

Fleets with 50+ vehicles, including common ownership and control

Fleets with >\$50 million in annual revenue

Federal government fleets

Entities that hire or dispatch fleets

## Affected vehicles

Class 2b-8 vehicles

Off-road yard tractors

Light-duty delivery vehicles



# Choice of Two Compliance Paths for Priority Fleets

January 1, 2024

January 1, 2025\*

Model Year  
Schedule

Newly added trucks must be ZEVs or NZEVs

ICE vehicles removed after useful life exceeded (800,000 miles or 18 years old-whichever is first but no less than 13 years if over 800,000 miles)

Optional ZEV  
Milestone Phase-  
in

Zero-Emission Fleet Percentage	10%	25%	50%	75%	100%
Group 1: Box trucks, vans, 2-axle buses, yard trucks, light-duty package delivery vehicles	2025	2028	2031	2033	2035
Group 2: Work trucks, day cab tractors, 3-axle buses	2027	2030	2033	2036	2039
Group 3: Sleeper cab tractors and specialty vehicles	2030	2033	2036	2039	2042

# State and Local Government Requirements

2024-2026

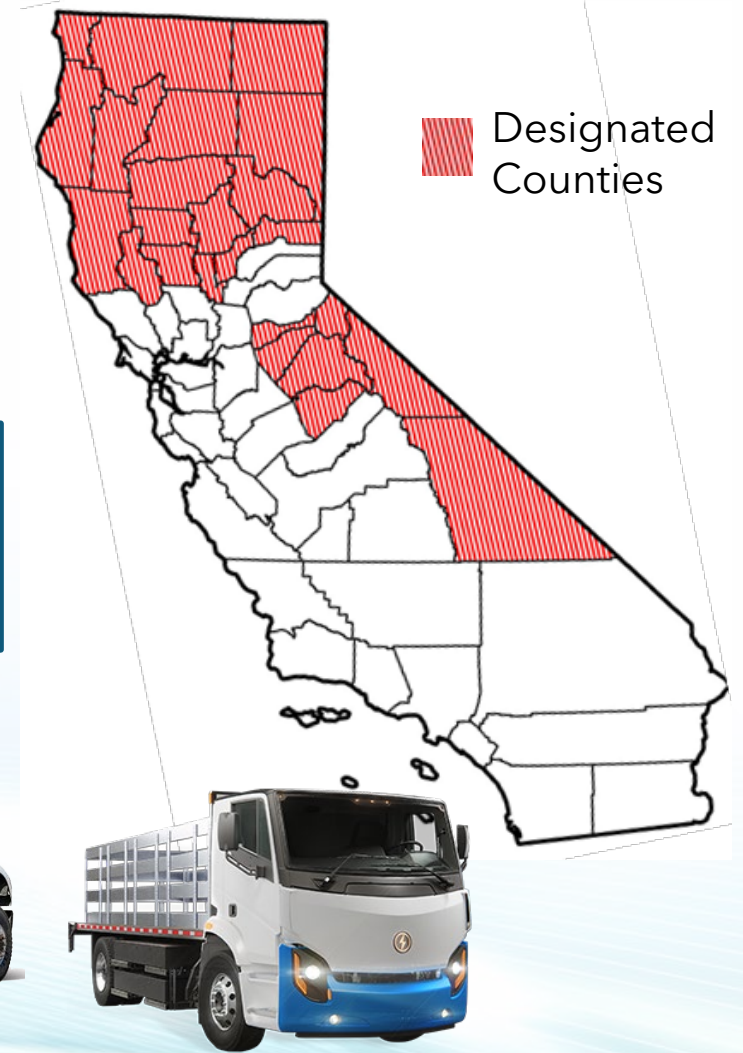
January 1, 2027

50 percent of purchases must be ZEV or NZEV\*

All purchases must be ZEV or NZEV\*

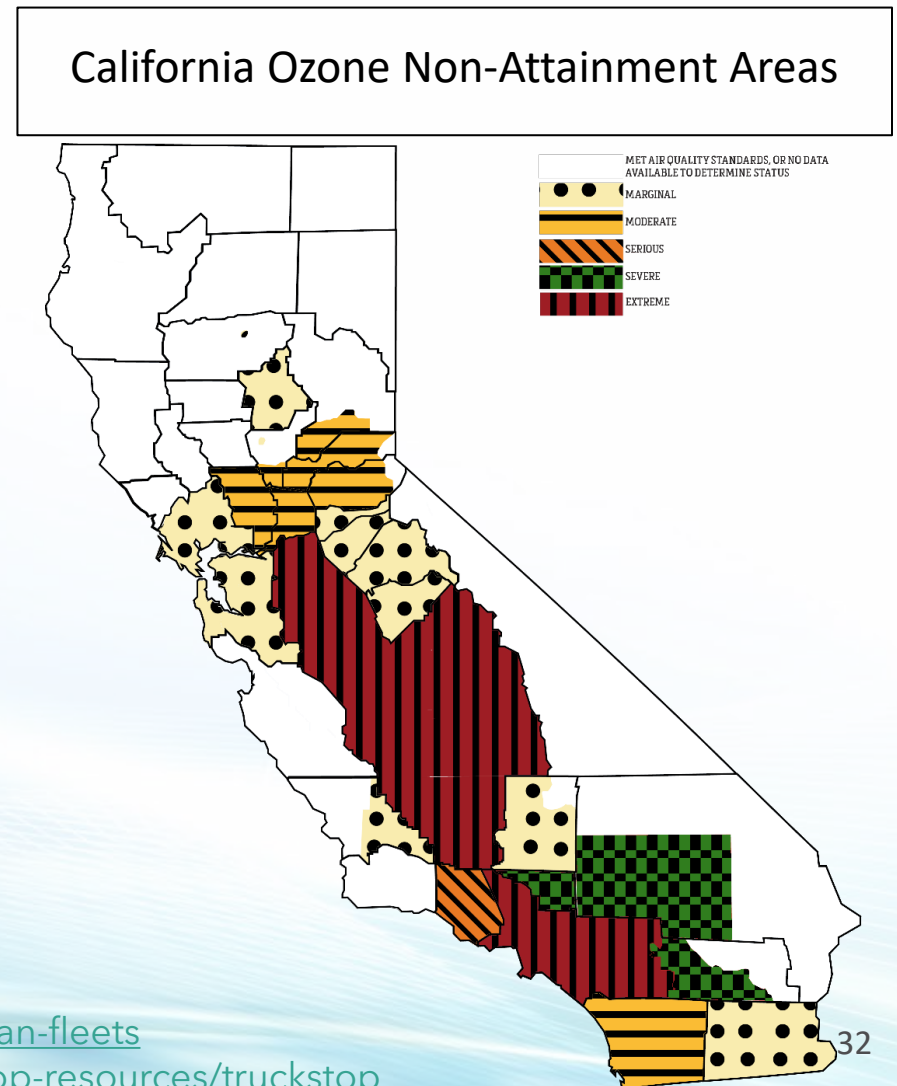
- Agencies in designated counties and divisions with 10 or fewer trucks exempt until 2027\*
- May use exemptions and extensions

Alternative compliance path: ZEV Milestone Phase-in option (same as that of Priority Fleets)



# Major Oxides of Nitrogen (NO<sub>x</sub>) and Fine Particulate Matter (PM<sub>2.5</sub>) Emissions Reductions Needed

- California has the worst air quality in the nation
- Unique challenges in San Joaquin Valley and South Coast
- Advanced Clean Trucks + Advanced Clean Fleets: over 200,000 Zero-emission trucks by 2030, over 500,000 by 2035
- NO<sub>x</sub> Emissions Drop 35% by 2037
- \$57 billion in saving from avoided health impacts



\*Federal regulates: Planes, trains, ships



# Clean Truck Check

## Heavy-Duty Inspection & Maintenance (HD I/M) Regulation

### Clean Truck Check Overview

#### Who is regulated?

Diesel and alternative fuel heavy-duty vehicles over 14,000 lbs. operating in California, including out-of-state vehicles

#### Do I still have to comply with PSIP requirements?

The Periodic Smoke Inspection Program requirements are still in effect. They will sunset once Clean Truck Check periodic testing requirements take effect.

#### Is enforcement ensuring equity?

- Compliance is linked to DMV registration beginning in 2024
- CARB enforcing out-of-state vehicle compliance
- CHP enforcement



# Clean Truck Check Implementation

High-emitter vehicle screening using PEAQS and Enforcement



Periodic testing begins

- Effective for all compliance deadlines after 7/1/24
- Compliance tests can start to be submitted in April



**Phase 1: January 2023**

**Phase 2: Dec 31, 2023**

**Phase 3: July 1, 2024**



Open Reporting Season:  
Oct-Dec 2023

- Owner/vehicle reporting
- Pay compliance fee
- Freight contractor and facility requirements start



# PEAQs and Tester Requirements

- Portable Emissions AcQuisition System (PEAQs)
  - Use Automated License Plate Readers (ALPR)
  - Potential high emitter owners issued Notice to Submit to Testing (NST)
    - 30 days to submit passing compliance test
- Credentialed Clean Truck Check testers required
  - Exception for OBD test submitted via a telematics service provider using CARB-verified OBD test device
  - Fleet employees, vehicle owners, or for-hire testers



**Advanced Clean Cars II Regulation  
and  
Proposed On-Road Motorcycle Regulation**

(Light-Duty Vehicles)

# Advanced Clean Cars II Overview

## What is it?

- A light-duty vehicle regulation that will dramatically reduce greenhouse gas emissions and air pollution

## Who is regulated?

- Manufacturers of passenger cars and trucks

## How are they regulated?

- 100% zero-emission vehicle sales requirement by 2035 (with a limited number of plug-in hybrids)
- More stringent emission standards for gasoline vehicles
- Requirements for zero-emission vehicles and plug-in hybrid electric vehicles like minimum range, warranty, and durability

## What is the status of this regulation?

- The Board adopted the regulation in August 2022
- Implementation begins with the 2026 model year, with some early actions
- Staff are implementing direction from the Board - first report back in 2025



# Advanced Clean Cars II

## Climate, Air Quality, and Public Health Benefits



50% reduction in GHG emissions statewide  
 25% reduction in smog-forming emissions statewide



	<b>Avoided Cardiopulmonary Deaths</b>	<b>Avoided Hospitalizations for Cardiovascular Illness</b>	<b>Avoided Hospitalizati ons for Respiratory Illness</b>	<b>Avoided ER visits for Asthma</b>
South Coast Air Basin	974	164	196	496
Statewide	1287	211	252	647

# Related Update on Light-Duty Vehicles: U.S. EPA's Proposed Regulation

## What is it?

- A proposed light- and medium-duty vehicle regulation to reduce greenhouse gas emissions and air pollution nationwide

## Who is regulated?

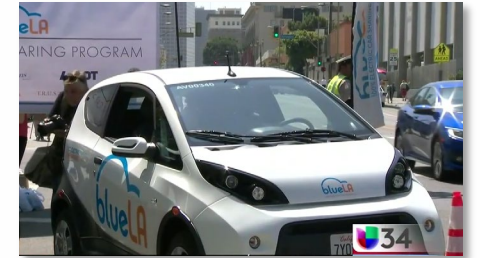
- Manufacturers of passenger cars, passenger trucks, and medium-duty vehicles like box trucks and delivery vans

## How would they be regulated?

- Manufacturers would need to reduce the average GHG and air pollution emissions from the vehicles in their fleets
- There is no proposed zero-emission vehicle sales requirement, but many manufacturers would likely use zero-emission vehicles to meet the standards

## What is the status of this regulation?

- Public comment period closed in July 2023
- Final rule expected in March 2024
- Would take effect in 2026 (2027 model year)





# Proposed On-Road (ONMC) Motorcycle Regulation



## What is it?

- A comprehensive motorcycle regulation to decrease evaporative and exhaust emissions from new conventional motorcycles and increase the production of zero-emission motorcycles (ZEM).

## Who would be regulated?

- Manufacturers of new motorcycles sold in California

## How would they be regulated?

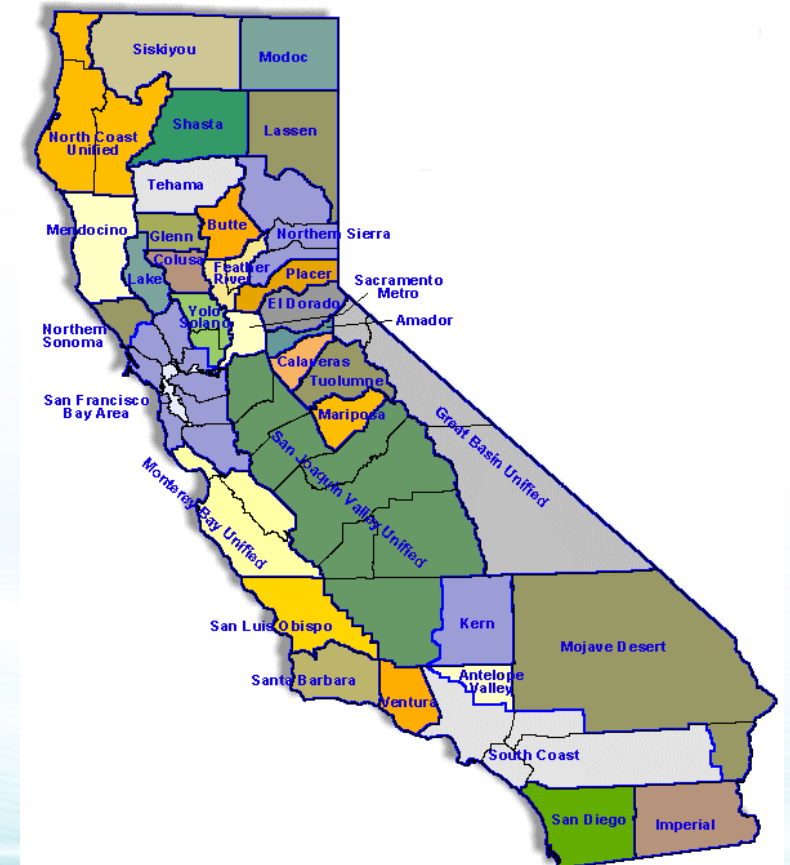
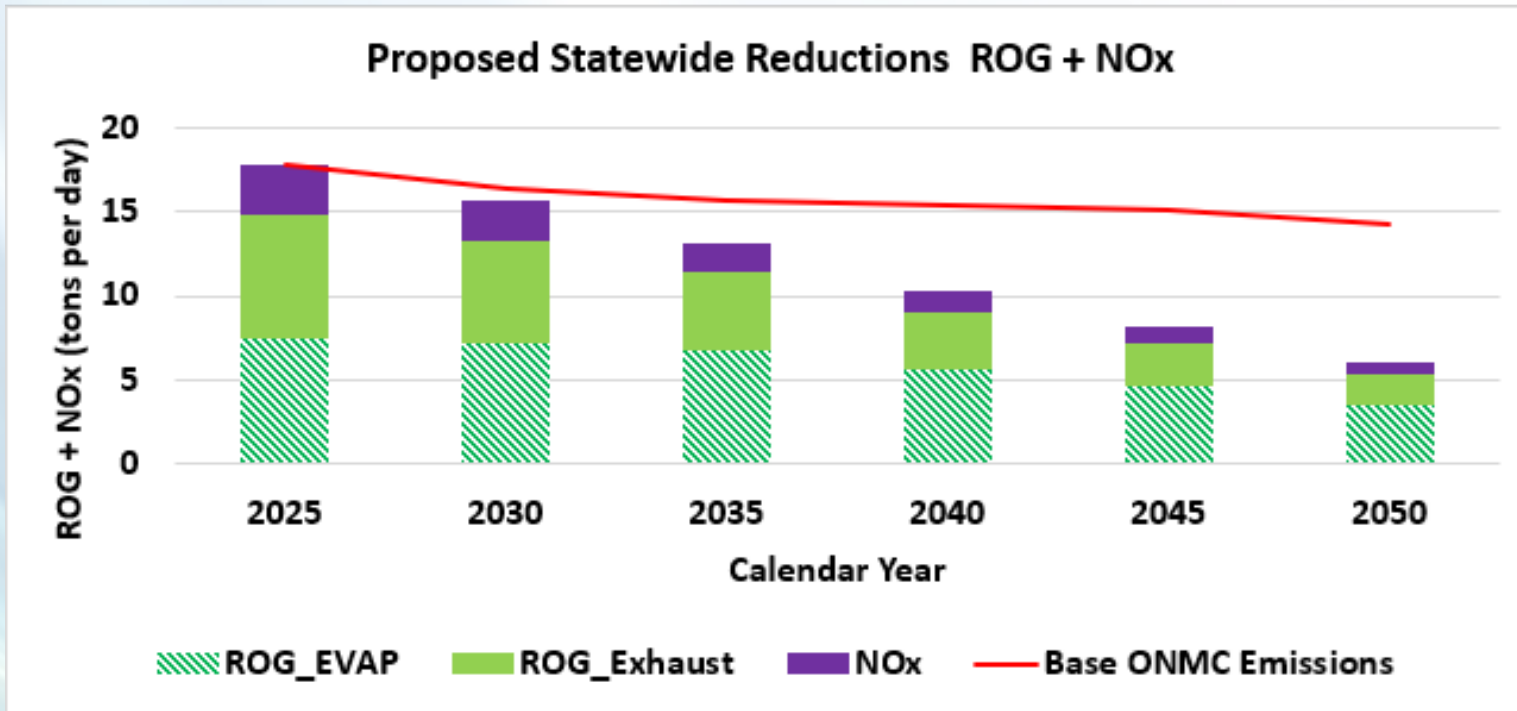
- Conventional motorcycles will be required to meet more strict emission standards starting in model year 2028
- Manufacturers must meet ZEM credit obligations based on annual sales of conventional motorcycles
  - ZEM credits equal to 10% of annual sales in 2028, increasing to 50% of annual sales in 2035
- ZEM credits are generated by selling qualified ZEMs

Model Year	%
2028	10
2029	15
2030	20
2031	25
2032	31
2033	37
2034	43
2035 +	50



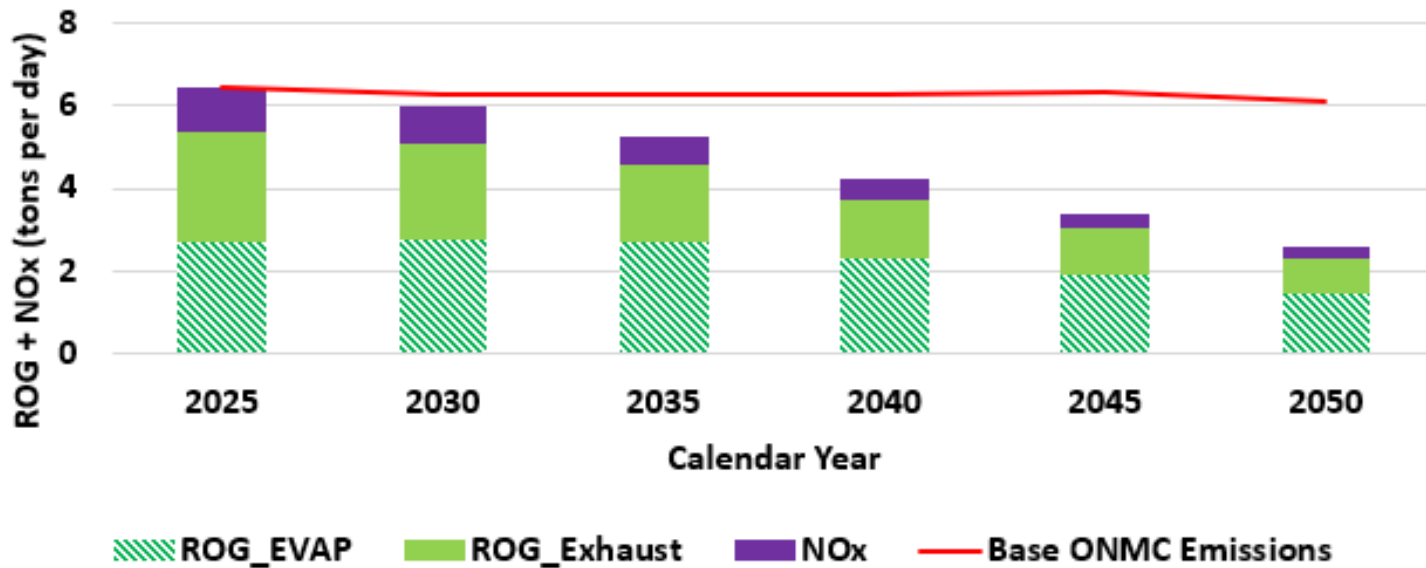
# Proposed On-Road (ONMC) Motorcycle Regulation

## Expected Emissions Reduction



# Proposed On-Road (ONMC) Motorcycle Regulation

Proposed South Coast Reductions ROG + NOx



# Benefits of Zero-Emission Motorcycles

- Less expensive to own versus a zero-emission car
- Some ZEMs have removable batteries that can be charged at work or inside a home without a garage
- Simpler controls than a conventional motorcycles (no clutch, gears or shifting)
- Freeway capable ZEMs can use HOV lanes
- Many ZEMs qualify for zero-emission vehicle incentives





# **Clean Transportation Equity and Light-Duty Vehicle Investments**

(Incentives)

# Vehicle Purchase Incentives

## Clean Cars 4 All (CC4A) - District and Statewide

Replace old vehicles with clean vehicles



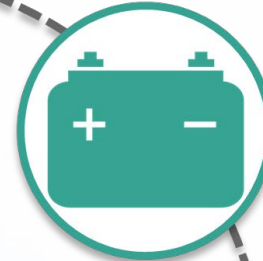
## Financing Assistance

Loans and grants to purchase clean vehicles



## **Zero-Emission Assurance Project (ZAP)**

Incentives for battery or fuel cell replacements



## Clean Vehicle Rebate Project (CVRP)

Rebates for the purchase of new electric vehicles



## California Integrated Travel Project (Cal-ITP)

Payment issuance strategy



## California E-Bike Incentive Project

Incentives for electric bicycles



## Access Clean California

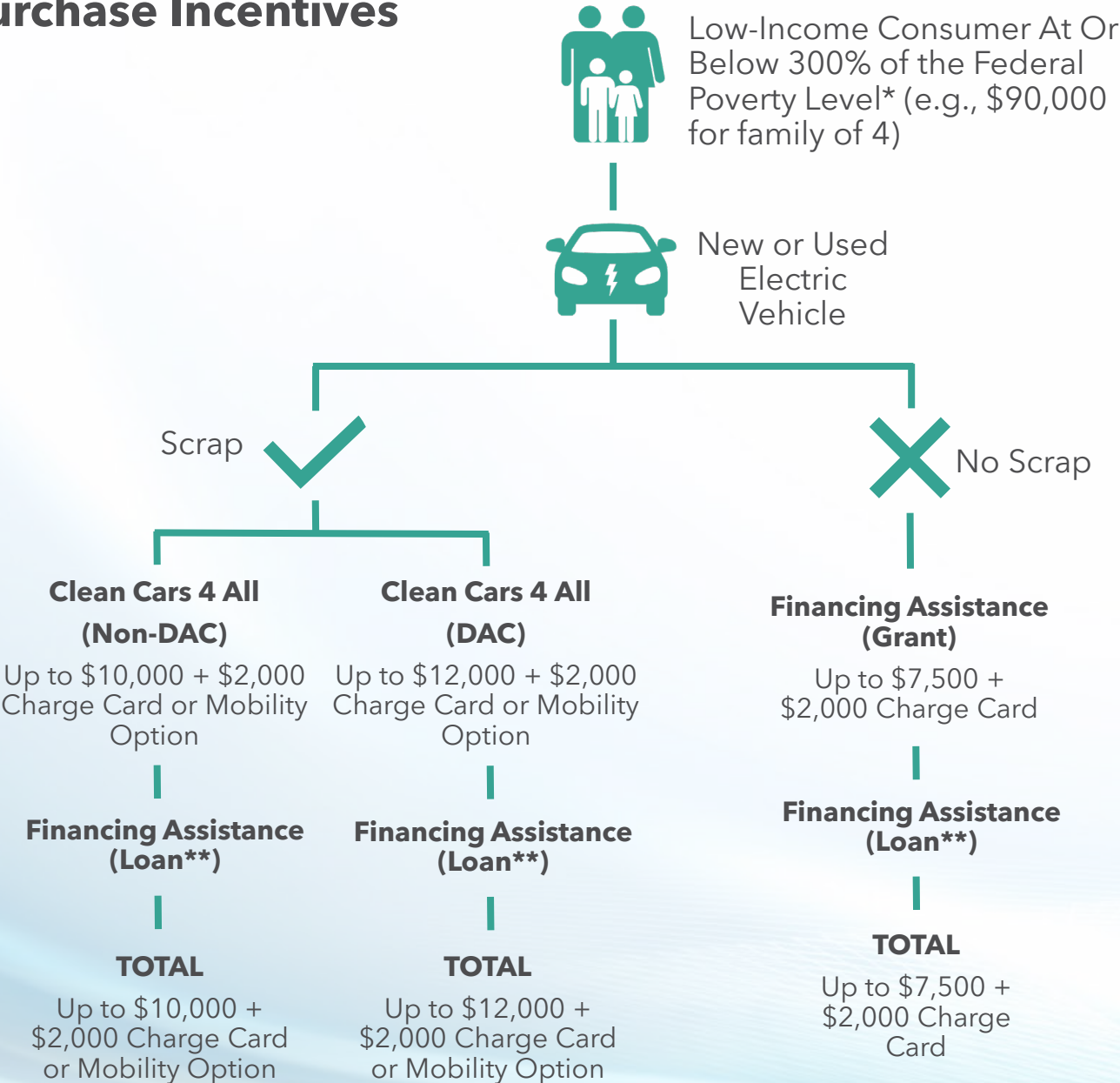
Increase awareness of clean transportation equity incentives



# Light-Duty Vehicle Purchase Incentives Stacking Scenarios

**Notes:**

\*Based on 2023 Federal Poverty Level Guidelines  
 \*\*Financing Assistance Loans are capped at 8% APR



# Sustainable Community-Based Transportation Equity Projects

## Clean Mobility Options Voucher Pilot Program (CMO)

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



## Sustainable Transportation Equity Project (STEP)

Multifaceted clean transportation and supporting projects to address community transportation needs and reduce VMT



## Clean Mobility in Schools (CMIS)

Supports clean transportation needs of K-12 public school districts



## **Regional Clean Mobility Options Projects**

Early pilots to provide shared mobility services across the state



## Planning and Capacity-Building (Planning)

Community-led planning and capacity building projects and dedicated, localized technical assistance and outreach



# For further inquiries please contact:

CARB Liaison for SELA & ELA  
communities:

*Adri Hernandez*

Office of Community Air Protection

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

Phone: (951) 542-3490 [M-Th]

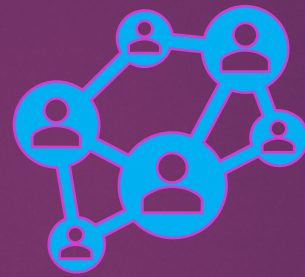


Drive Clean: <https://driveclean.ca.gov/>



# COMMUNITY EVENTS

## *EVENTOS DE LA COMUNIDAD*



Connecting with  
our Communities

*Comunicando Con  
Nuestras Comunidades*





# JOIN THE CLEAN AIR TEAM!

## *¡ÚNETE AL EQUIPO DE AIRE LIMPIO!*



# APPLY ONLINE

# APLICA EN LINEA

[www.aqmd.gov/careers](http://www.aqmd.gov/careers)



**4 Day Work Week**  
*Semana de trabajo de 4 días*



**Retirement Plan**  
*Plan de retiro*



**Telework up to 3 Days/Week**  
*Teletrabajo hasta 3 días/semana*



**Life Insurance Benefits**  
*Beneficios del seguro de vida*



**Medical, Dental and Vision Insurance**  
*Seguro médico, dental y de la vista*



**Wellness Programs**  
*Programas de bienestar*

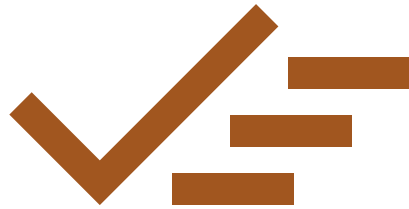


**13 Paid Holidays**  
*13 días festivos pagados*



**Continued Education Reimbursement**  
*Reembolso de educación continua*

# AB 617: CSC MEMBERSHIP 2023 / MEMBRESÍA DEL CSC 2023



## Current CSC Members / *Miembros actuales del CSC*

- ✓ No action required to continue serving as CSC Member / *No se requiere ninguna acción para continuar sirviendo como miembro del CSC*
- ✓ Will receive an email confirmation with CSC Interest Form / *Recibirá un correo electrónico con el Formulario de Interés del CSC*



## New Applicants / *Nuevos solicitantes*

- CSC Interest Form available at: /  
*El Formulario de Interés del CSC está disponible en:*  
<http://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committee-interest-form.pdf?sfvrsn=34>
- Send CSC Interest Form or Questions to /  
*Envíe el Formulario de Interés del CSC o Preguntas a:*  
[ab617comments@aqmd.gov](mailto:ab617comments@aqmd.gov) or 909.396.2957