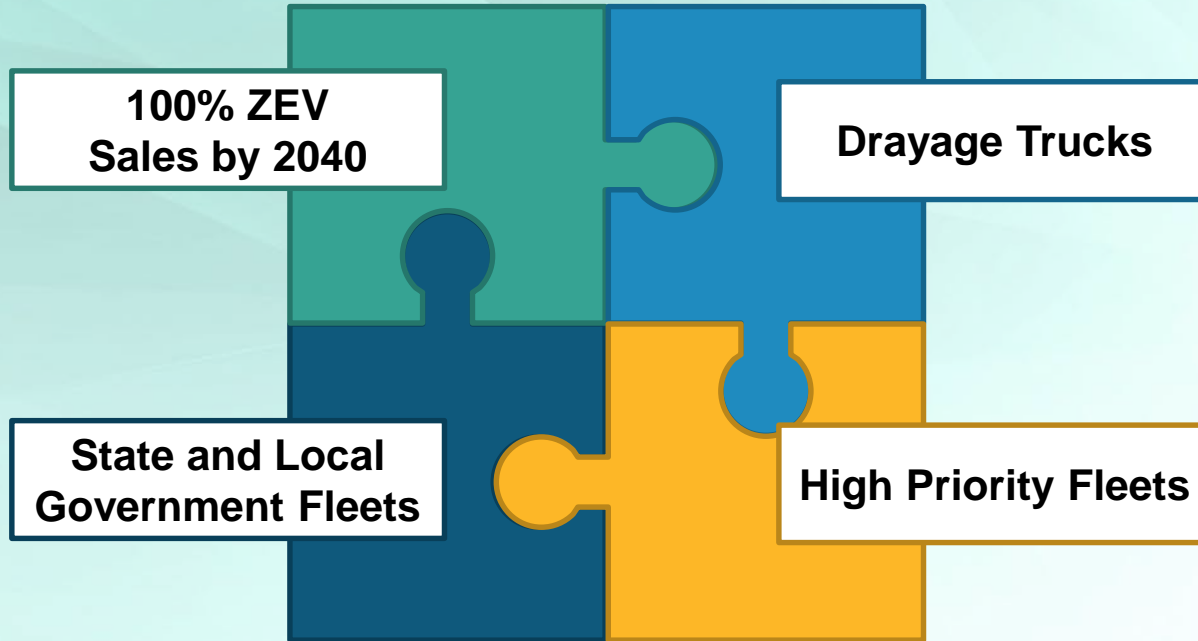




# **Clean Air Partnership Advanced Clean Fleets (ACF) Overview**

Rancho Cordova, California  
December 2, 2022

# Regulation Components



# 100% ZEV Sales by 2040

Starting 2040, all Class 2b-8 vehicles sold into California must be ZEVs

- Provides certainty to the market and supply chain for manufacturers, fleets, infrastructure providers, service technicians, partner agencies, and local governments
- Expands market choice

# Drayage Trucks Requirements

Applies to Class 7-8 on-road trucks operating at California's seaports and intermodal railyards

December 31, 2023

Registration required  
for legacy trucks

January 1, 2024

Newly added  
drayage  
trucks must  
be ZEVs

January 1, 2025

Must annually  
report mileage  
for trucks over  
12 years

January 1, 2035

All drayage  
trucks must  
be ZEVs

Legacy Trucks:

- May operate until the end of their useful life
- Must visit a regulated seaport or railyard at least once a year

# State and Local Government Requirements

2024-2026

January 1, 2027

50 percent of additions to the fleet must be ZEV

All additions must be ZEV

- Agencies in designated counties exempt until 2027



# 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



# Model Year Schedule Requirements

January 2024

Registration required  
for legacy trucks

January 1, 2024

Newly added  
trucks must be  
ZEVs

February 1, 2024

Must annually  
report mileage  
for trucks over  
12 years

## Legacy Trucks:

- May operate until the end of their useful life
- May use certain exemptions or extensions



# Optional ZEV Milestone Phase-in

- Meet ZEV milestones as a percent of total fleet
- Phase-in based on vehicle type
- Flexibility to meet with any vehicle type

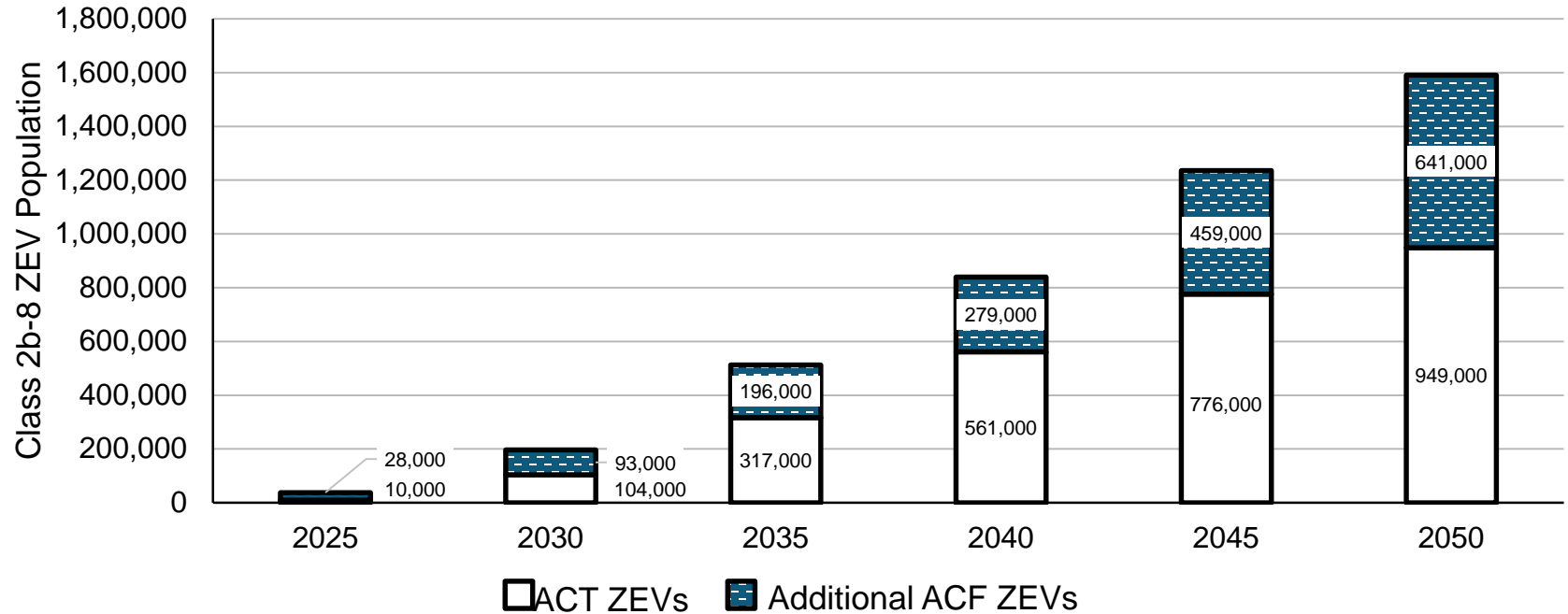
Zero-Emission Fleet Percentage	10%	25%	50%	75%	100%
Box trucks, vans, two-axle buses, yard trucks, light-duty package delivery vehicles	2025	2028	2031	2033	2035
Work trucks, day cab tractors, three-axle buses	2027	2030	2033	2036	2039
Sleeper cab tractors and specialty vehicles	2030	2033	2036	2039	2042



# Fleet Exemptions

ZEV Unavailability	If listed on CARB website may purchase ICE. Submit info to CARB for listing consideration.
Daily Usage	If ZEVs cannot meet daily needs, may purchase ICE
Vehicle Delivery Delay	Compliance extension if vehicle delivery is delayed >1 year
Infrastructure Delay	Can postpone ZEV delivery one year due to construction delay
Backup Vehicle	Exclude vehicle operated <1,000 miles per year
Mutual Aid	Reserve 25% of fleet for use in mutual aid agreements
Rental Vehicles	Flexibility option to address transient rental fleet

# Significant Increase in Medium- and Heavy-Duty ZEVs Expected



# Extraordinary Benefits

**\$57 billion in health savings**

Avoided premature mortality, emergency room visits, lost workdays, and hospitalizations

**\$22 billion in reduced direct costs to fleets**

Lower fuel and maintenance costs, and LCFS revenue

**Decreased exposure in disadvantaged communities adjacent to freight hubs**

# Advanced Clean Fleets Next Steps

## Public workgroups

- December 12 – Waste Fleets
- Early 2023 – Infrastructure and ZEV Unavailability
- Early 2023 – Staff’s proposed modifications to the regulation



15-day changes released for public comment early 2023



Second hearing in Spring 2023



Contact CARB staff at [zevfleet@arb.ca.gov](mailto:zevfleet@arb.ca.gov)

