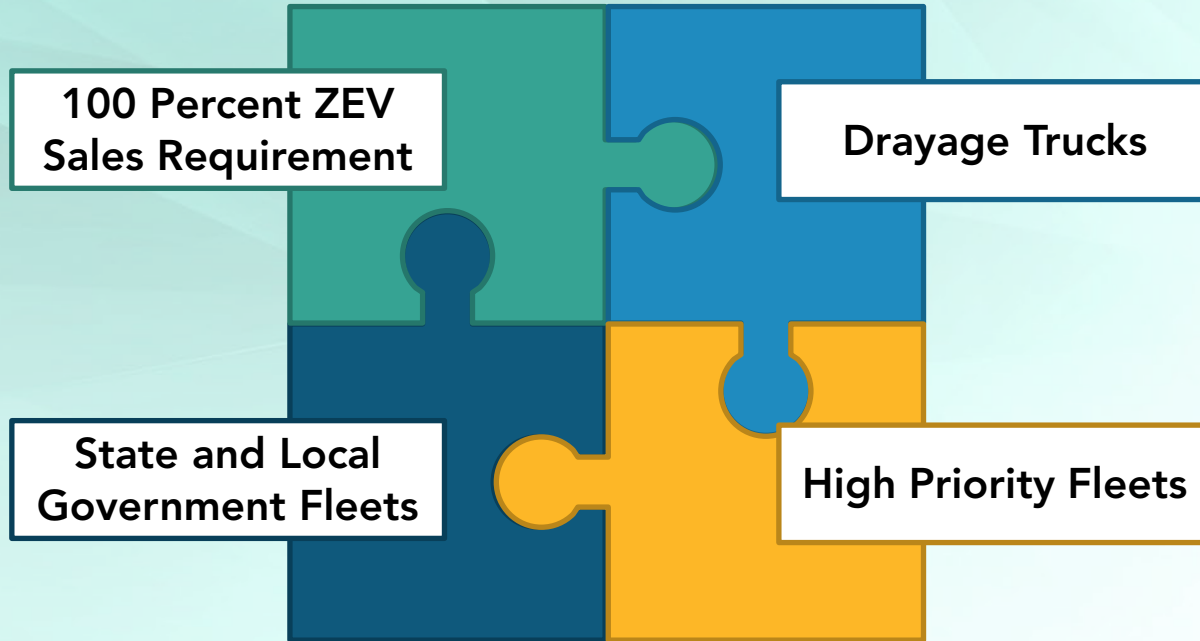




# **Proposed Advanced Clean Fleets (ACF) Regulation**

March 30, 2023

# Advanced Clean Fleets Regulation Components



# 100 Percent ZEV Sales Requirement

Starting **2036**, 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
- May use limited extensions

# 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 Summary

January 2024

Registration required for legacy trucks

January 1, 2024

Newly added trucks must be ZEVs or NZEVs

January 2025

Must annually report mileage for tractors over 12 years

January 1, 2025

ICE vehicles removed after useful life exceeded

- Legacy trucks may operate until the end of their useful life
- May use certain exemptions and extensions
- ICE vehicle removals begin January 2025



# 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





# Optional ZEV Milestone Phase-in

- Open to High Priority and State and Local Government fleets
- Must meet ZEV milestones as a percent of total fleet
- Flexibility to add new ICE vehicles that are California certified or used ICE vehicles with 2010 or newer model year

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



# Provisions Summary

Provision	Summary
Vehicle Delivery Delay Extension (updated)	Remain compliant if ZEV order delayed
Infrastructure Delay Extension (updated)	Up to 5 years for onsite ZEV infrastructure delays
ZEV Purchase Exemption (updated)	Can buy ICE vehicle from CARB list or apply if not available in configuration needed
Daily Usage Exemption (updated)	Can buy ICE vehicle if mileage or hours of ZEV not suitable for placement in the fleet
Mutual Aid Assistance (updated)	Reserve 25% of fleet for use in mutual aid agreements
Waste and Wastewater Fleets (new)	More time for CNG trucks supporting waste diversion and biomethane production
Rental Vehicle Provision	Flexibility to address transient rental fleet vehicles
Five-Day Pass (new)	Temporary pass to operate non-compliant trucks up to 5 days per year
Non-Repairable Vehicle (new)	Flexibility to purchase used replacement ICE vehicle in case of accident
Backup Vehicle Exemption	Excludes vehicle operated less than 1,000 miles per year
Intermittent Snow Removal Vehicle (new)	May purchase ICE vehicles until 2030
Transit Agency Exemption (new)	Excludes transit agencies and their maintenance vehicles until 2030

# ACF Regulation Timeline

- Staff report – August 30, 2022
- 1<sup>st</sup> Board hearing – October 27, 2022
- 15-day changes – March 23, 2023
- 2<sup>nd</sup> Board hearing – April 27/28, 2023
- Implementation start date – January 1, 2024