

Sustainable Mobility: Getting to 2030 with Speed and Equity Webinar



Environmentalism



Ike Irby, PhD @Ike_Irby · 22h



Electric school buses: great for kids and great for the climate!

Vice President Harris is touring an electric school bus manufacturer to amplify the American Jobs Plan's \$20 billion for electric school buses!



4



48



226





Proterra Inc. @Proterra_Inc · 1h

...

"I have overwhelming confidence in American enterprise. We can do anything if we put our mind to it." @POTUS we couldn't agree more - thank you for joining @Proterra_Inc virtually today at our SC facility & helping accelerate the transition to clean, quiet transportation for all.



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27



99



California Governor Newsom Joins Bipartisan Group of 12 Governors Calling for Bold Federal Action to Accelerate the Clean Vehicle Transition Across the U.S.



April 21, 2021

Dear President Biden:

As bipartisan Governors from across the country, we strongly support your efforts to improve public health, tackle the climate crisis, and advance environmental justice. Central to all three of these goals is greatly reducing pollution from the transportation sector. By establishing a clear regulatory path to ensuring that all vehicles sold in the United States are zero-emission, we can finally clear the air and create high-road jobs. Moving quickly towards a zero-emission transportation future will protect the health of all communities. The proposed investments in the American Jobs Plan can be leveraged even further by a strong regulatory framework and will allow the market for American-made zero

**California governor seeks
end to oil drilling in state by 2045**

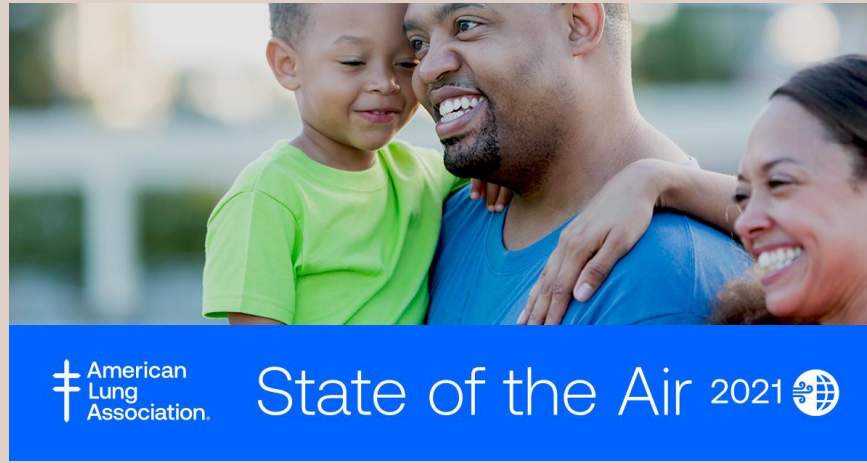




California's Dominance of U.S. Electric Transportation Supply Chain Puts State in Position for Further Workforce Gains



California employs an estimated **35,000 Electric Transportation-related** workers and is projected to add another **33,000 jobs by 2024.**



People of color are over three times more likely to be breathing the most polluted air than white people.

Eight California cities with worst air quality in nation:
Bakersfield, El Centro, Fresno-Madera-Hanford, Los Angeles; Sacramento;
Redding-Red Bluff, San Jose-San Francisco-Oakland; and Visalia


Advanced Clean Truck (ACT) RULE Adopted in 2020: Delivering on Public Health, Jobs, and the Economy

The rule's health and economic benefits are substantial and include:

- \$8.9 billion in health savings from 2020 to 2040
- \$1.7 billion in avoided CO₂ emission by 2040
- \$5.9 billion in industry savings by 2040
- \$282 million added to state GDP by 2040

2035 Zero-Emission Drayage Goal

- Transition all Class 7 and 8 drayage trucks operating at California's intermodal seaports or railyards to full zero-emission by 2035



Zero Emission Drayage Trucks by 2035

ACT - Board Resolution

- Return by the end of 2021 with a zero-emission fleet rule
- Support transition California to zero-emissions where feasible
 - 2035 – Drayage, public fleets, last mile delivery
 - 2040 – Refuse, buses, utility fleets
 - 2045 – For all other trucks and buses where feasible
- Work with sister agencies
 - Workforce development
 - ZEV infrastructure

Advanced Clean Fleets (ACF) Rule – Dec. 2021

Public Fleet ZEV Purchases

- Scope includes cities, counties, special districts, state agencies*
 - Entities with exempt plates from DMV
- ZEV purchases required when adding to the fleet
 - 50% of 2024-2026 model year vehicles must be ZEVs
 - 100% of 2027 and newer model years must be ZEVs
- Three-year exemption in designated counties until 2027
- Plug-in hybrids (NZEVs) count same as ZEVs until 2035

2035 Zero-Emission Drayage Transition

- Truck must meet the following requirements to continue drayage operations:
 - Report odometer annually for vehicles with a model year engine older than 13 years
 - Have <800,000 miles and be less than 18 years old
- Trucks must visit a California seaport or railyard at least once in 2023, to remain in CARB Drayage Truck Registry
- After January 1, 2023, only zero-emission trucks are eligible to be added to the CARB Drayage Truck Registry

ZEV Target Phase-In Schedule

- High priority fleets and federal fleets
- Meet ZEV targets as a percent of the total fleet
- Target number of ZEVs is based on vehicle body type category
- Target number can be met by any ZEV type within category

Percentage of Fleet that Must be ZEV	10%	25%	50%	75%	100%
Box trucks, vans, two-axle buses, yard trucks	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



INVEST IN CLEAN AIR

FACTS

SUPPORTERS

ACT

ALL CALIFORNIANS DESERVE TO
BREATHE CLEAN AIR

JOIN US IN CALLING ON THE STATE TO #INVESTINCLEANAIR

InvestInCleanAir.com

THANK YOU

