



NOAHdex
A Unit of The Aclyd Group, Inc.

**WHITEPAPER:
THE CASE FOR
ESTABLISHING AN ARIZONA
ENVIRONMENTAL
STANDARDS BOARD (AESB)**

<https://noahdex.com>

California moves to accelerate to 100% new zero-emission vehicle sales by 2035

CARB approves first-in-nation ZEV regulation that will clean the air, slash climate pollution, and save consumers money

PRINT

For immediate release

DATE

August 25, 2022

RELEASE NUMBER

22-30

CONTACTS

Dave Clegern

Office of Communications

dave.clegern@arb.ca.gov

(916) 717-9652

Stanley Young

SACRAMENTO – The California Air Resources Board today approved the trailblazing *Advanced Clean Cars II* rule that sets California on a path to rapidly growing the zero-emission car, pickup truck and SUV market and deliver cleaner air and massive reductions in climate-warming pollution.

The rule establishes a year-by-year roadmap so that by 2035 100% of new cars and light trucks sold in California will be zero-emission vehicles, including plug-in hybrid electric vehicles. The regulation realizes and codifies the light-duty vehicle goals set out in Governor Newsom’s *Executive Order N-79-20*.

“Once again California is leading the nation and the world with a regulation that sets ambitious but achievable targets for ZEV sales. Rapidly accelerating the number of ZEVs on our roads and highways will deliver substantial emission and pollution reductions to all Californians, especially for those who live near roadways and suffer from persistent air pollution,” said CARB Chair Liane Randolph. “The regulation includes ground-breaking strategies to bring ZEVs to more communities and is supported by the Governor’s ZEV budget which provides incentives to make ZEVs available to the widest number of economic groups in California, including low- and moderate-income consumers.”

Many states and nations have set targets and goals to phase out the sale of internal combustion cars. California’s is the most aggressive regulation to establish a definitive mechanism to meet required zero-emission vehicle (ZEV) sales that ramp up year over year, culminating in 100% ZEV sales in 2035. The timeline is ambitious but achievable: by the time a child born this

Key Insights:

California Air Resources Board:

- Generated \$12.5B in revenue from Cap & Trade program for carbon offsets
- They set the standards for EV adoptions both within the state, and the nation

Arizona can benefit from:

- Creating a Cap & Trade
- Setting Standards for Solar Adoption

Recommendations For the City of Tucson

Take the lead, and establish an Arizona Environmental Standards Board. Create a Cap & Trade system that supports Solar adoption. Create a mandate that requires all structures to have solar by 2035.

Introduction:

Cities around the world are taking bold steps to combat climate change and reduce greenhouse gas emissions. Tucson, Arizona, has an opportunity to join the ranks of leading cities by taking over the emissions standards and creating a platform for carbon offset projects. California has already set an example by setting stringent emissions standards and creating a robust market for carbon offset projects. This paper discusses how Tucson can take over emissions standards and create billions in value by setting environmental standards for carbon offset projects.

Background:

Tucson, like many cities in the United States, is facing the consequences of climate change, including increased temperatures, droughts, and wildfires. In response, the city has set a goal to reduce greenhouse gas emissions by 80% by 2050. However, achieving this goal requires significant efforts and a comprehensive strategy that includes reducing emissions from transportation, buildings, and energy production.

California has been leading the way in setting ambitious emissions standards and creating a market for carbon offset projects. The state's cap-and-trade program requires companies to reduce their emissions or purchase credits from other companies that have exceeded their emission reductions. The program has generated billions of dollars in revenue for the state, and the carbon offset market has created new opportunities for companies to invest in clean energy and carbon reduction projects.

Steps for Tucson to take over emissions standards:

Tucson can take over emissions standards by adopting the California emissions standards, which are more stringent than federal standards. The city can also establish a cap-and-trade program that would require companies to reduce their emissions or purchase credits from other companies that have exceeded their emission reductions. By doing so, the city can generate revenue and incentivize companies to invest in clean energy and carbon reduction projects.

Creating value by setting environmental standards for carbon offset projects:

Setting environmental standards for carbon offset projects can create significant value for Tucson. Carbon offset projects can be developed in various sectors, such as forestry, renewable energy, and agriculture, to reduce greenhouse gas emissions. By setting high standards for carbon offset projects, Tucson can attract investment from companies looking to offset their emissions and achieve their sustainability goals.

Tucson can also create a platform for carbon offset projects by establishing a city-wide carbon market. The city can work with private sector companies to develop carbon reduction projects and offer carbon credits that can be traded on the market. The revenue generated from the sale of carbon credits can be used to fund additional carbon reduction projects or other environmental initiatives.

Conclusion:

Taking over emissions standards and creating a platform for carbon offset projects can benefit Tucson

in many ways. By adopting California emissions standards, the city can reduce greenhouse gas emissions and improve air quality. By establishing a cap-and-trade program and a carbon market, the city can generate revenue and attract investment from companies looking to offset their emissions. The revenue generated can be used to fund additional environmental initiatives, creating a more sustainable future for Tucson.

Execution

Create a carbon registry

Create a project registration platform and standard

Release standard to public for feedback