



El Monte Union High School District

Connecting education, research, and community through the
CA Air Resources Board Clean Mobility in Schools Pilot Project

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EMUHSD awarded \$9.8 million

Clean Mobility in Schools Pilot Project grant from CA Air Resources Board





This work is funded through the Clean Mobility in Schools Pilot Project grant awarded to the El Monte Union High School District. The Clean Mobility in Schools Pilot Project is part of the [California Climate Investments](#), a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment – particularly in disadvantaged communities.

History – CA Legislation SB 350

Directed CARB to conduct low-income **barrier study** to increase zero-emission and mobility access

- Barriers:
 1. Upfront affordability
 2. Availability of long-term, sustainable funding and financing options (resulted in Clean Mobility in Schools Pilot)
 3. Awareness of clean transportation and mobility options
 4. Understanding unique needs of community such as accessibility and convenience of transportation & designing clean transportation solutions

[\(https://ww2.energy.ca.gov/sb350/barriers_report/\)](https://ww2.energy.ca.gov/sb350/barriers_report/)

Background - CARB Clean Mobility Grant

Overarching goal of clean mobility – develop a functional transportation system to facilitate greenhouse gas (GHG) emissions reductions and support communities through public health, environmental, and economic improvement.

CARB vision – support transformative, synergistic emissions reduction strategies for transportation options within a school(s) located in a disadvantaged community.

- **Transformative:** causing a marked change in someone or something
- **Synergistic:** relating to the interaction or cooperation of two or more organizations, substances, or other agents to produce a combined effect greater than the sum of their separate effects.

Source: Oxford Dictionary online

Project Goal (intent) - increase visibility of, and accessibility to, zero-emission transportation options by placing various commercially available zero-emission technologies, along with supporting charging/fueling infrastructure, in one or more schools.

Existing state in San Gabriel Valley region



Existing Zero Emission Technologies

- 2.76-MW solar photovoltaics
- Electric vehicle charging stations at 5 district sites



Leveraging competitive grants to modernize infrastructure with DERs and Clean Mobility

\$9.8 million from CA Air Resources Board

