



## **Abstract**

The San Bernardino County Electric Vehicle Charging Initiative has strategically selected 16 charging sites across the County to enhance EV infrastructure. These sites feature a mix of Level 2 and DC Fast Charging Ports, chosen based on projected energy needs and existing infrastructure, and are situated in off-street parking lots to prioritize safety by minimizing interactions between pedestrians, cyclists, and motorists.

A key priority of the initiative is to ensure equitable access to EV charging infrastructure. The selection process employed various criteria including accessibility, proximity to multimodal transportation, and location within California-Designated Environmental Justice Communities. As a result, 8 of the 16 sites are within or near Justice40 census tracts, ensuring that 43% of the investment directly benefits these communities. Many sites are also located in High-Quality Transit Areas, facilitating convenient access to public transportation.

The initiative supports San Bernardino County's climate mitigation and adaptation goals by reducing greenhouse gas emissions from the transportation sector and enhancing resilience to climate impacts. Additionally, by increasing access to clean fueling options, the project aims to improve air quality and mitigate health issues in environmental justice communities, addressing longstanding disparities in pollution exposure and health outcomes.