

## **EV Car Sharing Pilot for Disadvantaged Communities City of Los Angeles**

### **Background**

Mayor Eric Garcetti's Sustainable City pLAN is both a roadmap to achieve meaningful short-term results while setting Angelenos on the path to strengthen and transform our city in the decades to come. By addressing the environment, our economy, and social equity together, we can move toward a truly long-term, sustainable future. In the pLAN, outcomes include reducing greenhouse gas emissions, improving air quality, and increasing access to mobility options. To that end, the EV Car Sharing Pilot for Disadvantaged Communities helps move the needle on all three of these fronts and other priority outcomes.

Thanks to California's Cap-and-Trade Program, revenues are targeted to disadvantaged communities who are impacted most by climate change. Senate President pro Tempore Kevin de León authored SB 1275-Charge Ahead legislation, which in turn created the California Air Resources Board's (CARB) grant program.

L.A. has made great strides in improving its air quality since the 1970's, yet more work is required to protect public health, improve our air, and address environmental justice issues. A key piece of the solution will be the transition to low and zero-emissions transportation in Los Angeles, primarily through EVs.

### **What is the EV Car Sharing Pilot for Disadvantaged Communities?**

The Mayor's Sustainability team successfully applied for and was selected for one of two grants by the CARB for the proposal titled "L.A. Leading by Example: Partnering to Pilot EV Car Sharing in Disadvantaged Communities." The \$1.6M grant – which leverages an additional estimated \$8 million in in-kind city resources and private operator investment in equipment and operations – was awarded to the City of L.A. to provide EV car sharing services to low-income Angelenos.

This first-ever electric car sharing pilot in L.A. will:

- Establish a 100-vehicle pilot car share to serve disadvantaged communities in Central L.A. (Downtown L.A., Westlake, and parts of Koreatown), in partnership with an operator(s) who commit to ensuring at least 80% of their cars are EVs.
- Place EV car sharing stations in communities that are within the top 10% of the highest need communities on the CalEnviroScreen index. Major portions of these communities fall in the L.A. Promise Zone, which aims to promote sustainable and livable communities where residents have access to affordable housing and diverse transportation options.
- Recruit an estimated 7,000 new EV users from the base of residents in these disadvantaged communities by community based organizations. The pilot will provide affordable last mile/first mile solutions for low-income families and other residents who do not own a car or need a second car for trips requiring a light duty passenger vehicle.
- Place 110 Level 2 charging units at on- and off-street public parking locations where car share vehicles will be parked. Of the 110 charging stations, an estimated 30 units will be attached to LED-powered street lights in public right of way (i.e., on street parking). These stations will be part of achieving the Sustainable City pLAN's 2017 goal of installing 1,000 publicly available EV charging stations to reduce greenhouse gas emissions and encourage adoption of plug-in vehicles citywide.
- Help avoid the purchase of 1,000 private internal combustion engine vehicles, the equivalent of reducing an estimated 2,150 tons of CO2 produced annually.

For more information on the Sustainable City pLAN, please visit [plan.lamayor.org](http://plan.lamayor.org).