



**CONTRA COSTA COUNTY**  
**ELECTRIC VEHICLE SHARED MOBILITY**  
**READINESS PLAN**  
**OCTOBER 20, 2017**



Keeping Contra Costa Moving

**GOALS:**

- Position Contra Costa County for current and upcoming funding opportunities
- Develop readiness plan for electric vehicle shared mobility in Contra Costa County
  - Current location of EV charging facilities
  - Current personal use EV penetration
  - Current land use which will demonstrate opportunities for EV Charging installation
  - Best practices for EV station port turnover (pricing strategies, parking policies, enforcement, etc.) as well as developer requirements/ordinances
  - Countywide demand for electricity for EV charging and weaknesses, if any, in the distribution grid
  - Potential locations for shared mobility centers that could host electric vehicle fueling centers
  - Transit demand for electricity storage and charging to ensure supply at both bus storage facilities and en route through an inductive charge network.
  - Operation and maintenance models and cost estimate for the network

**POLICY DRIVERS FOR EV SHARED MOBILITY READINESS PLAN:**

- 2015 Climate Action Plan
- State policies regarding smart growth, active transportation
- County complete streets policy
- Local transit operators are moving towards electric buses

**POSITIONING CONTRA COSTA COUNTY FOR COMING FUNDS:**

There are several known sources of funds for electric vehicles and infrastructure currently and in the future. These include:

- Bay Area Air Quality Management District
- PG&E:
  - \$130 million approved to install EV infrastructure – 7,500 chargers -- for personal vehicles, with emphasis on multi-family sector
  - Application being reviewed by California Public Utilities Commission to spend additional \$654 million on 25,000 more chargers, with emphasis on medium- and heavy-duty vehicles and 10% of chargers in “disadvantaged” communities
- Volkswagen Settlement. \$800 million to California, with direction from California Air Resources Board to install in “disadvantaged” communities



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