

MEMO

To: California Energy Commission
From: Robert Garzee & Jim Robbins
Transportation Center of Excellence
Patrol Vehicle Development & Demonstration
Date: February 21, 2009
Re: Response to AB118 Public Hearing in San Jose

DOCKET

08-ALT-1

DATE FEB 21 2009

RECD. FEB 23 2009

The plans for a Silicon Valley based **Patrol Vehicle Development** project. This memo is to provide a document for the public record of our intent to propose such demonstration project using AB118 funding.

Vehicles: PATROL includes electric “Zero Emission“ Police Bikes, Police Motorcycles, ATV’s, Meter Readers and Small Pickups:



ELECTRIC PATROL VEHICLES



ELECTRIC METER READERS & NEIGHBORHOOD VEHICLES

Patrol Vehicle Category, continued.

Electric Parking Enforcement Vehicles and Light Trucks are available from our major manufacturers.



Also included is a target Electric Pickup that can be developed in Silicon Valley. One that has been featured at San Jose Reevaluation Agency's TECH MUSEUM of INNOVATION for over one year. This uses Silicon Valley Technology and Switch-Out Battery Systems and can be fueled by Solar.

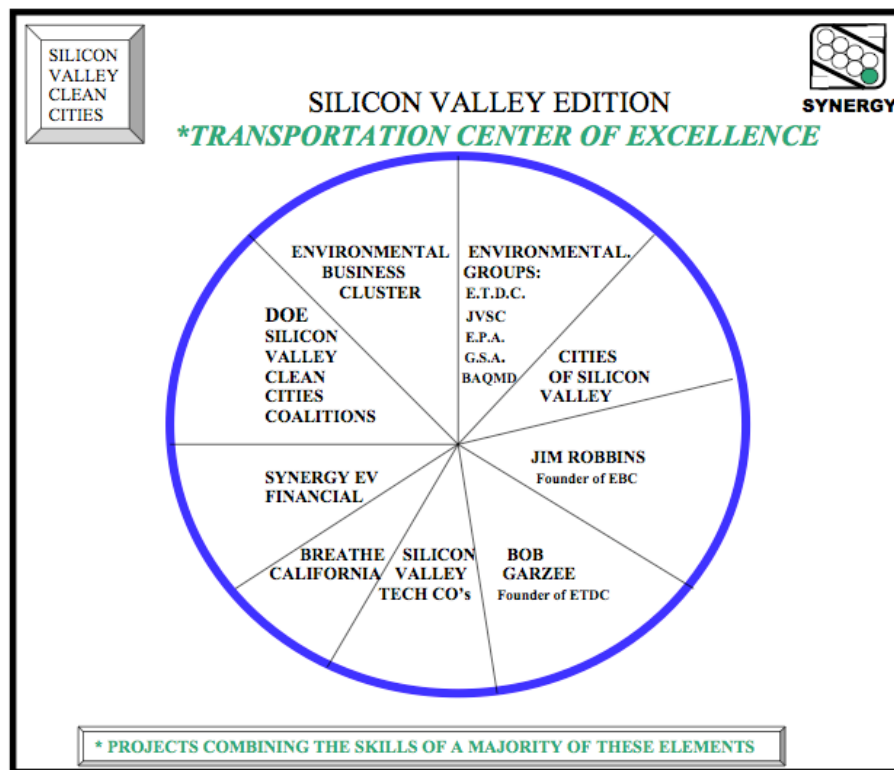


These applications can be used by municipalities in their Fleet applications, Enforcement, Airports and Parking Operations. A \$200,000,000 Fund of Fleet Order Financing is available for municipalities, universities and airports to spread the cost of implementation over 3, 5 or 7 years. The integration of the Vehicles with a Charging Station infrastructure and a Parking Enforcement Test program could provide a standard for California Municipalities and could be implemented in one year.

Patrol Vehicle Category, continued.

Team: The Silicon Valley Edition *Transportation Center of Excellence* has brought together the Silicon Valley Technology EV company ELV Motors, Battery Suppliers with switch-out solutions, Meter-Reader Software providers, Maintenance Support, Solar-Fueling and Implementation Financing. Others are being considered.

The *Transportation Center of Excellence* shows our philosophy of teaming:



Patrol Project: This “Zero Emission” Patrol Electric Vehicle and Infrastructure project is estimated to cost between \$300,000 and \$600,000 depending on the number of vehicles utilized and the complexity of the infrastructure design utilized for the Demonstration project with a Silicon Valley City Fleet.