

Environmental Business Cluster



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- First environmental incubator in the U.S.
- City of San Jose and San Jose Redevelopment Agency Project
- Collaborations with San Jose State University, NREL and CEC
- Currently 30 Companies in San Jose, CA
- Won the award of Top Incubator in the World by NBIA in 2008
- Range of sectors, but a **particular focus on transportation**
- Mission to support the Mayor's Green Vision

The largest public/private commercialization incubator for Clean Technology in the United States



San Jose's Green Vision Goals

Within 15 years, the City of San José in tandem with its residents and businesses will:

- 1. Create 25,000 Clean Tech jobs as the World Center of Clean Tech Innovation**
2. Reduce per capita energy use by 50 percent
3. Receive 100 percent of our electrical power from clean renewable sources
4. Build or retrofit 50 million square feet of green buildings
5. Divert 100 percent of the waste from our landfill and convert waste to energy
6. Recycle or beneficially reuse 100% of our wastewater (100 million gallons per day)
7. Adopt a General Plan with measurable standards for sustainable development
- 8. Ensure that 100 percent of public fleet vehicles run on alternative fuels**
9. Plant 100,000 new trees and replace 100 percent of our streetlights with smart, zero-emission lighting
10. Create 100 miles of interconnected trails

100% Clean Fleet by 2013

- ◇ 2700 fleet vehicles;
- ◇ 500 full-size pickups, vans & SUVs.



Scaling the Green Mobility Model

- EBC's Transportation companies are selected best technologies from Silicon Valley to accelerate and standardize vehicle electrification
 - Early innovation companies: ElectraDrive
 - Later stage innovation companies: Proterra
- City of San Jose to sponsor demonstration projects on their fleets
- Replicable, Scalable Model:
 - Stage 1: successful demonstration with City of San Jose with close public reporting of results: technology and employment
 - Stage 2: scale to other city/state/federal fleets across multiple vehicle platforms
- Public/private model for **Alternative Fuel and Advanced Technology Vehicles** that creates jobs and scales the impact
- Partnership with San Jose State University to create supporting educational program around projects



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