

South Natomas TMA

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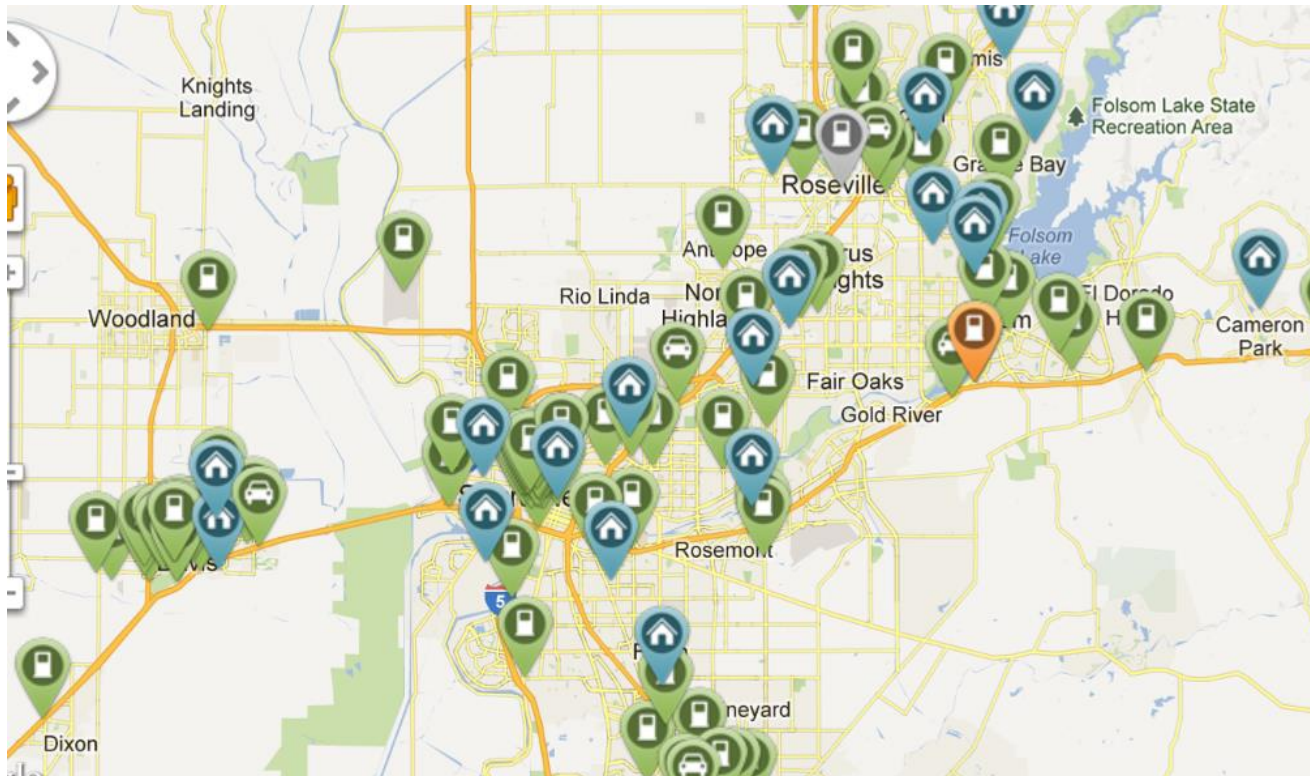
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Sacramento Clean Cities Coalition

cleancitiessacramento.org

Electric Vehicle Service Equipment (aka EVSE = Charging Stations)

There are over 120 EVSE in Sacramento and the number is growing every day



EVSE



Level 1: 110v



Level 2: 220v



Level 3: 440v
DC Fast Charge

DriveClean.ca.gov

Battery Electric Vehicles

- CODA
- Fiat 500e
- Ford Focus
- Honda FIT
- Mitsubishi I-MiEV
- Nissan LEAF
- SmartFORTWO
- Tesla S
- Toyota RAV4
- Toyota Scion IQ
- EVI (LHD Truck)

State Vouchers from \$900 - \$2,500
Fed Tax Credits up to \$7,500

Plug-in Hybrid Vehicles

- Chevrolet Volt
- Ford C-MAX Energi
- Honda Accord
- Toyota Prius
- Ford Fusion Energi
- VIA Motors (PU & Van)



Some Commercial PEVs



Coda



Ford Fusion



Nissan LEAF



Chevy Volt



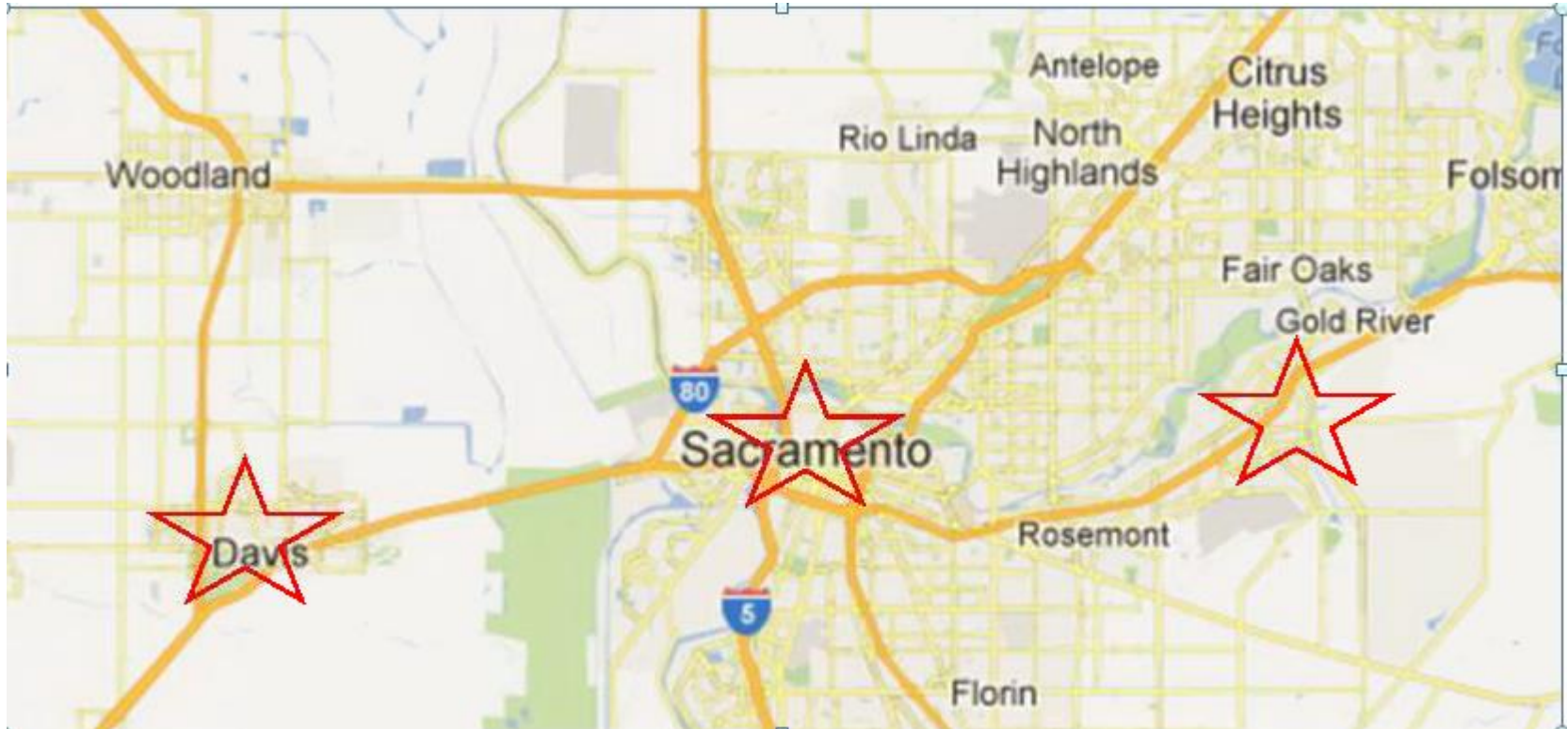
Ford C-Max Energi



Mitsubishi i-MiEV

Electric Vehicle Ride & Drive(s)

- UC Davis 4/16
- VSP in Rancho Cordova 4/17
- Convention Center 4/19
- 11am – 2pm at Each Site



Hot Italian EV Commitment



Sacramento Region Public Access Natural Gas Infrastructure Sites

Existing

- Sacramento: PG&E @ 5555 Florin Perkins Rd
- Davis: PG&E @ 316 "L" St. – Davis
- Elk Grove: Clean Energy @ 9050 Elkmont Dr
- Woodland: Yolo Transit @ 350 Industrial Way
- Vacaville: PG&E @ 158 Peabody Rd.
- Auburn: PG&E @ 333 Sacramento St.
- Marysville: PG&E @ 18 7th St.
- West Sacramento: UPS – 1343 Shore Street

New Facilities

- Sacramento: RT At McClellan Park (NE Corner of Dudley Blvd. & Winters Street
- Sacramento: SATS at Fruitridge and Florin-Perkins (opening April, 2013)
- Sacramento: RT at 29th and "O" (opening this summer)
- Sacramento: Paratransit at 26th and Florin (opening in December 2013)

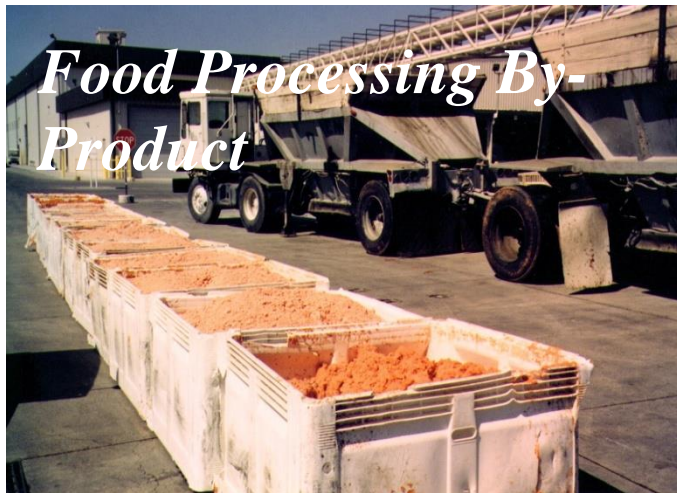
Organic Waste



Crop Residue



Green Waste



Food Processing By-Product



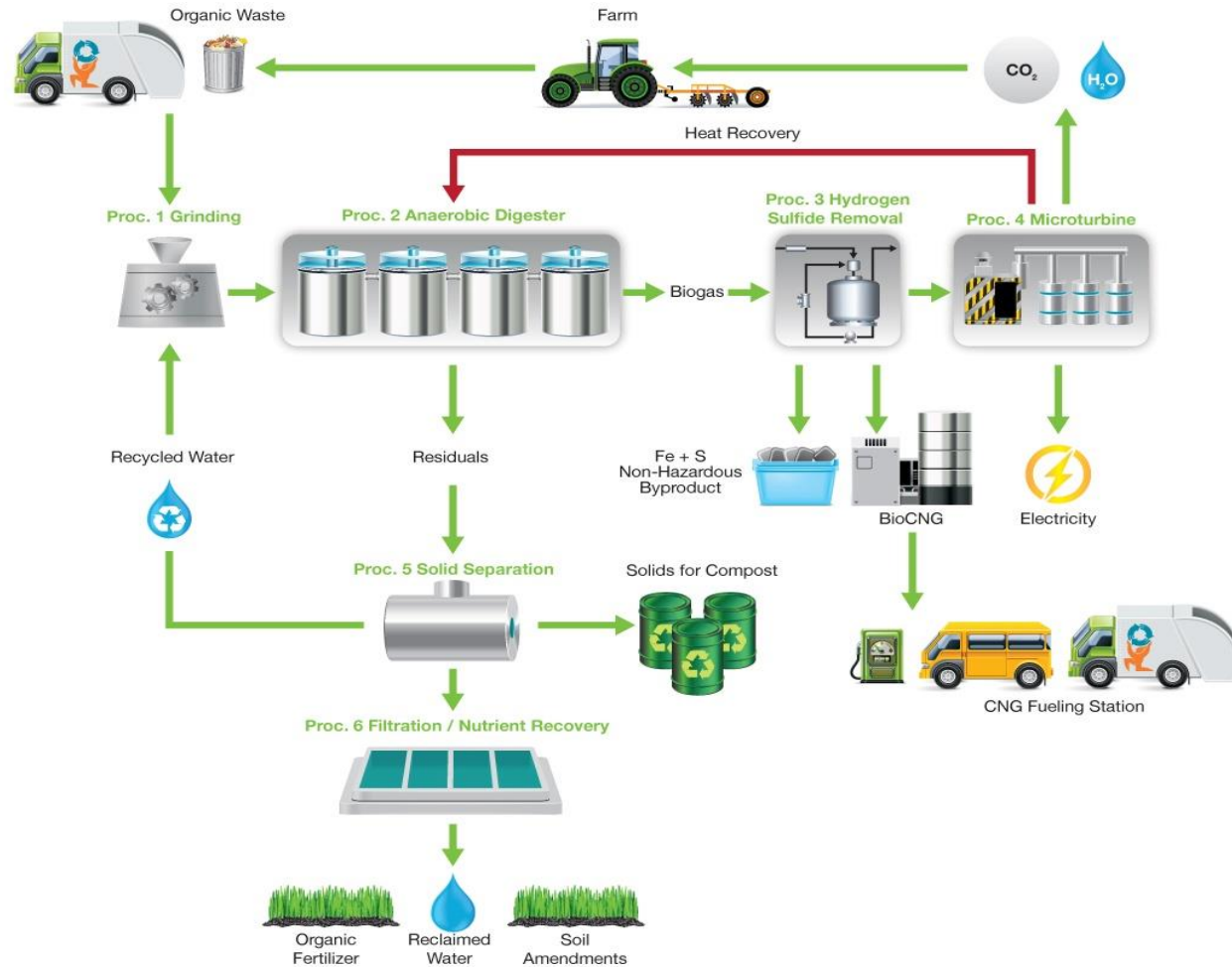
Food Leftovers

Food Waste in US

- Amount of food scraps
 - 44 million tons per year
 - 25% food prepared
- Cost of disposal
 - \$1.1 billion per year
 - \$25 per ton
- Current method of management
 - 97% disposed in landfill
 - 3% recovered for composting or combustion



Farm to Fork to Fuel to Farm



Anaerobic Digester – North Sacramento



Anaerobic Digester – South Sacramento



Natural Gas Vehicles



Atlas Disposal CNG/RNG
Roll-off Truck



Ryder CNG Truck

- Honda Civic
- MV-1
- Ford E150
- Ford E250
- Ford E350
- Ford F250
- Ford F350
- Ford Escape
- Ford Transit Connect
- Chevy Express 2500
- Chevy Express 3500
- Chevy Savanna 2500
- Chevy Savanna 3500
- Dodge Ram 2500
- Heavy-duty Engines
 - Cummins, Westport, Navistar

Sacramento Clean Cities

- “The Greater Sacramento Regional Clean Air Coalition”
- The coalition is a 501(c)(3) and is one of 13 Clean Cities Coalitions in California and one of 93 in the US affiliated with the US DOE
- Mission: Reduce Petroleum Consumption in the Transportation Sector using Meetings, Workshops, Webinars and other Outreach Strategies
 - Promote Alternative Fuel, Electric and Fuel Efficient Vehicles & Infrastructure
 - Promote Alternative Transportation Strategies



2012 Program Workshops

- 1/18 Electric School Bus
- 4/18 Propane School Bus
- 4/19 Earth Day
- 4/24 EV Panel Webinar
- 5/10 Clean World Partners
- 5/16 Green CA Summit
- 6/21 Ryder NG Trucks
- 6/29 Enterprise EV Leasing
- 7/12 VIA Motors PHEV
- 8/91 Calstart HVIP
- 9/6 BERC Transportation Strategies
- 9/13 Low Carbon Fuel Standard
- 9/23 National Plug In Day
- 10/18 3rd Annual Odyssey Day
CA Auto Museum

October 18, 2012



27 Vehicle & Equipment Displays Outdoors
(There were 14 Booth Displays Indoors)



Atlas Disposal
CNG/RNG Roll-off Truck



UPS Electric Truck
(grant from SMAQMD)



Ryder CNG
Truck

October 18, 2012 (concluded)



Keith Leech, City of Sacramento Fleet Manager and Clean Cities President, addresses over 250 Attendees



Congresswoman Doris Matsui addresses Sacramento Clean Cities Stakeholders



L-R Congresswoman Doris Matsui, Warren Smith (Clean World Partners), Nick Sikich (Atlas Disposal), Keith Leech (City of Sacramento Fleet Manager and President of Sacramento Clean Cities)



Larry Greene greets Congresswoman Doris Matsui

2013 Workshop Schedule

- 1/10 Navistar Vehicles
- 2/14 PSG/FleetAnalytix
- 3/14 2013 EV & EVSE
- 3/XX Clean Cities TV/Atlas & SATS
- 4/16 Plug In and Go – UCD
- 4/17 Plug In and Go– VSP
- 4/18 Green CA Summit
- 4/19 Plug In and Go– Downtown
- 5/29 Clean Air Awards Tradeshow
- 6/20 NG Workshop
- 7/11 TBA
- 8/8 TBA
- 9/26 4th Annual Odyssey Day/
National Plug-in Day
- 10/10 No Meeting
- 11/14 TBA
- 12/12 2014 Planning



Erik Bassett from Riverview International, 1/10/13 Workshop and Webinar