

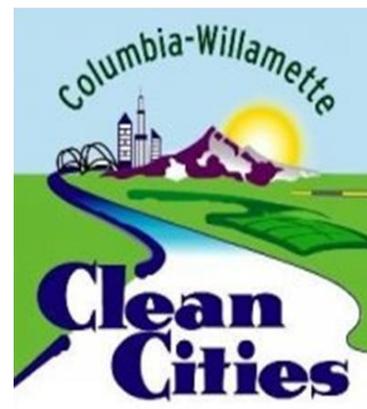


Columbia Willamette Clean Cities Coalition

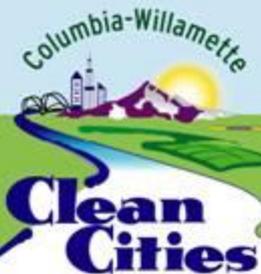
Coordinator-Rick Wallace



OREGON DEPARTMENT OF
ENERGY

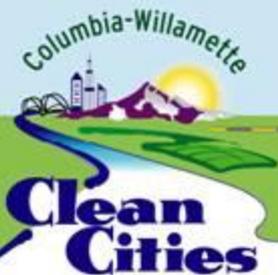


www.cwcleancities.org



Coalition Stats

- Designated in 1994 as the Portland Clean Cities Coalition and later changed to CWCCC.
- Since 2004 the Coalition has been run out of the Oregon Department of Energy.
- ODOE pays the Coordinator salary and a support contract for web and accounting.
- Coalition is a 501(c)(3)
- 37 Dues paying Organizations, 437 person contact list



Activity

- Business Energy Tax Credit Sunsets
- Energy Incentive Program begins (Transportation & Conservation)
- Cool Schools Program
- Statewide Transportation Strategy TAC
- Ten Year Energy Plan
- Low Carbon Fuel Standard
- Truck Efficiency & Idle Reduction Report



EV Community Planning Grant

- Four Work Groups
 1. Deployment
 2. Inducements
 3. Training, Marketing & Outreach
 4. Utility

Biogas for Transportation Fuel Analysis



- Biogas from waste water treatment plants to transportation fuel.
- SEP money used to create a report that analyzes new technology and four Oregon sites.
- Tetra Tech with local Good Company won RFP
- Sites include large and small
- Analysis will include fleets



EV Vehicle Adoption

As of last week
1,141 registered PEV's in
Oregon
42,143 Hybrids

Significant Fleet Use
Frito Lay 20 Smith
Staples 3 Smith



EV Infrastructure

- 3 DC Fast Chargers
- Public Charging

Ecotality – 111 level 2, 1 level 3

Coulomb – about 30 level 1 & 2

Shorepower – 10 level 2, 4 level 1

Clipper Creek – 5 level 2

Oregon Project is Unique Because of Corridor Approach

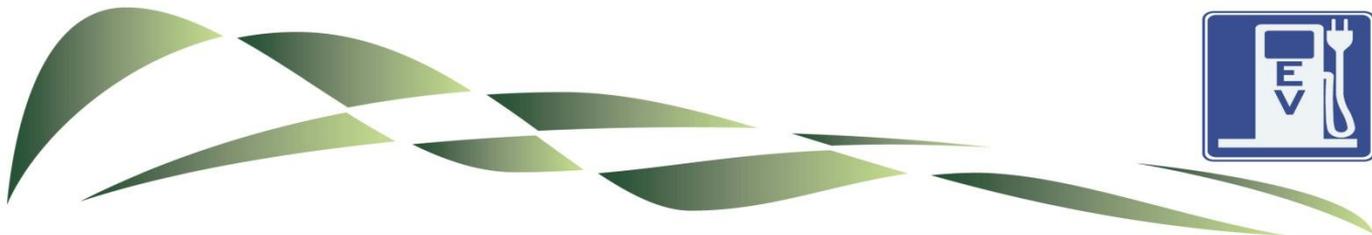


- Geographic area is less than ten percent but contains approximately 70 percent of population
- Project centers around four cities, Portland, Salem, Corvallis & Eugene
- Seven utilities within project area
- Four Metro Planning Organizations
- About 1,200 public chargers
- 900 Residential chargers
- 23 to 26 DC Fast charge locations



THE Project

- \$200 million project
 - Contract between eTec and USDOE
 - Purpose:
 - Build and study mature electric vehicle charging infrastructure in five regions.
 - Produce lessons learned
- 4,700 electric vehicles nationwide
 - 11,210 charging stations
 - \$16 – \$20 million dollar investment in Oregon



WEST COAST GREEN HIGHWAY

I-5 Electric Highway
8 DC Fast Charge w/ supporting level 2 locations to be complete by end of November.
Possibly longest network in the World

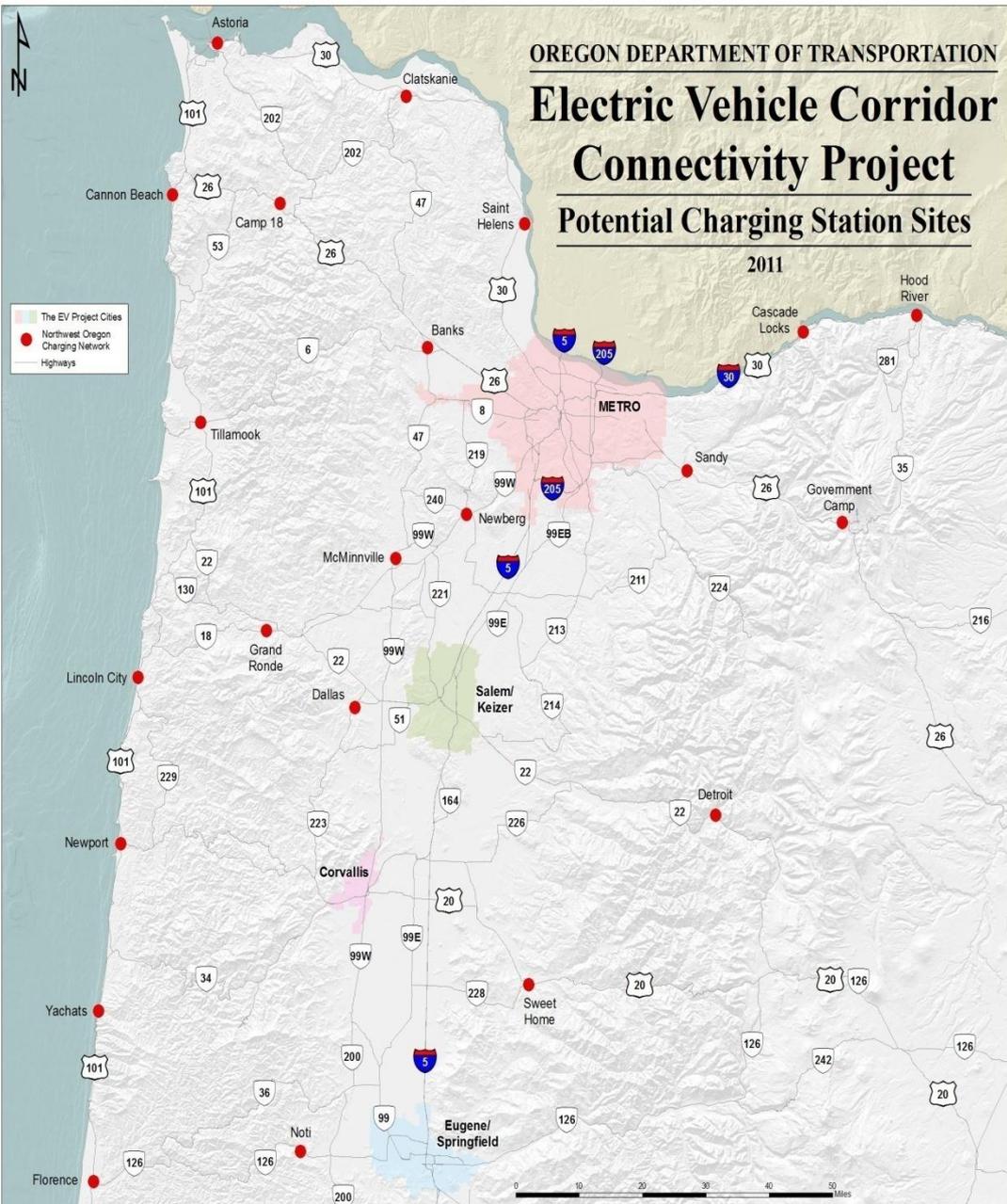
Oregon Funding
\$700,000- 8 Locations
Eugene to Ashland
ODOE, USDOE- SEP



WEST COAST ELECTRIC HIGHWAY



www.westcoastgreenhighway.com



U.S. Department of Transportation awards the Oregon Department of Transportation with a \$2 million grant. This is the first time that this type of grant was used for EV infrastructure. Grant will install EV DC Fast Chargers at 22 locations outside of Metropolitan areas as support to other



EV's & EVSE are Becoming Common in the Region

PGE parking garage at WTC Portland

AC Level 1- A123 Toyota PHEV Prius conversion 1.5 kW

AC Level 2- Mitsubishi iMiEV at a 6.6 kW Blink Station

AC Level 2 high power- **Tesla** charging at a Clipper Creek station at 16.8 kW

DC Quick Charging - Nissan Leaf charging at an NEC/Takasago at 50 kW

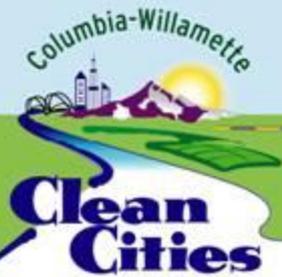


Clean Cities



6 Level 2 and 1 level 3 chargers from different manufacturers installed on one street near rail and bus lines on the PSU campus





Oregon RFS E10 & B5

