

# GREATER WASHINGTON REGION CLEAN CITIES COALITION

## Electric Vehicle (EV) Infrastructure Planning Summary

# Overview

- \* DOE award to NYSERDA/TCI for project management
- \* One year agreement ending 12/31/12
- \* Funding up to \$25,000 each for 16 coalitions covering Northeast and Mid-Atlantic regions
- \* Collaboration with GWRCCC/MWCOG/EV Stakeholders
- \* Continuous inputs from EV Stakeholders
- \* Outreach and communications to highlight benefits of EVs
  - \* Fleets, utilities, municipalities, suppliers, consumers, others

# Project Milestones/Deliverables

## I. STAKEHOLDER ENGAGEMENT

- \* Identify stakeholders to provide input and feedback
- \* Meetings on lessons learned, barriers, infrastructure deployment, etc. and document key findings
- \* Sub-groups focused on specific tasks, e.g. siting/design guidelines, model permitting, model codes and zoning, etc.
- \* Seek feedback on work products drafts produced by TCI
- \* Provide names and contact information



## II. Literature Review

- \* Provide summarized EV planning and research studies such as projections, environmental and economic impacts, local government policies, regulations and incentives, and regional planning documents
- \* Review and comment on draft literature documents prepared by other NYSERDA/TCI contractors

### III. Siting and Design Guidelines

- ❖ Assist with data collection to identify current and projected number of EVs, EVSE deployment, socio-economic profiles, private parking lots, and number of personal and fleet vehicles
- \* Survey major employers and fleet owners to identify locations, number of existing and planned EVSE installations, barriers and recommendations to eliminate them
- \* Convene at least one stakeholder meeting to identify key issues relative to proper siting and design at stations as well as multi-family dwellings
- \* Based on recommendations and studies, NYSERDA will develop Site Selection and Design Guidelines, looking at EV ownership projections, travel patterns, siting recommendations etc.

## **IV. Model Building Codes, Permitting and Zoning Rules**

- ❖ Provide local examples of EVSE related rules for building codes, permitting rules, and zoning and parking ordinances
- ❖ Provide input from local governments that have implemented any such procedures
- ❖ Review and provide comment on model building codes, permitting rules, and zoning and parking ordinances



## **V. Education, Coordination and Communication**

- \* Recommend courses and training curricula for community colleges
- \* Develop education and outreach materials that highlights the benefits of EVs, e.g. brochures, events, etc.
- \* Meetings with fleets, local governments, other stakeholders to promote EV utilization
- \* Meetings with local utilities and grid operators to discuss EV readiness

# Questions and Comments

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