

# **GREATER WASHINGTON REGION CLEAN CITIES COALITION**

Electric Vehicle (EV)  
Infrastructure Planning Summary

# Overview

- DOE award to NYSERDA/TCI for project management
- One year engagement ending 12/31/12
- Funding up to \$1 million each involving 16 coalitions covering Northeast and Mid-Atlantic states
- Collaboration among GWRCCC/EV Stakeholders/COG
- Continuous inputs from EV Stakeholders
- Emphasis on best practices, research and developing models
- 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
- Collect and review best practices nationally

### 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
- ❑ NYSERDA will develop Site Selection and Design Guidelines, looking at EV ownership projections, travel patterns, siting recommendations, etc.
- ❑ 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

## **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**
- Produce model codes, ordinances and rules**

## **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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