

# The Transportation and Climate Initiative's **Northeast Electric Vehicle Network**

Cassandra Powers, Georgetown Climate Center  
District of Columbia Electric Vehicle Forum  
December 12, 2011

# GEORGETOWN CLIMATE CENTER

- Inform the development of:
  - Legislation
  - Regulation
  - Transportation
  - Adaptation policy
- Demonstrate state support for action on climate and energy issues & serve as a resource to the states
- Bring together academics and policymakers to improve climate policy
- Provide opportunities for Georgetown Law students

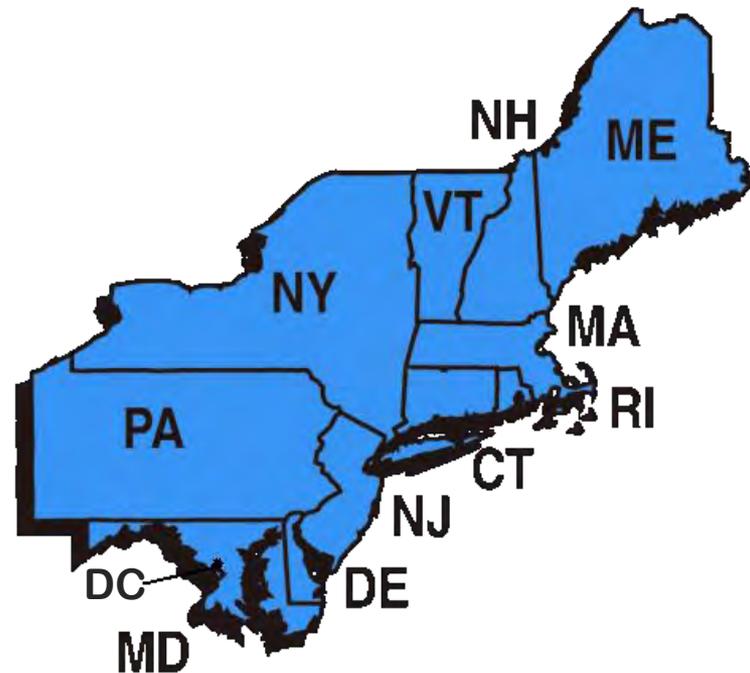




## TRANSPORTATION & CLIMATE INITIATIVE

Of the Northeast and Mid-Atlantic States

- Brings together energy, environment, transportation officials in 11 states and the District of Columbia
- Projects seek to reduce GHG emissions, build a regional clean energy economy and partner with federal efforts
- Initial project areas:
  - Clean Vehicles and Fuels
  - Information and Communication Technology
  - Sustainable Communities
  - Freight



## Transportation and Climate Initiative

# Clean Vehicles and Fuels Workgroup



- Promotes the use of clean vehicles and alternative fuels, including natural gas, biofuels, and electricity
- Recently launched the Northeast Electric Vehicle Network

# Northeast Electric Vehicle Network Agreement



**TRANSPORTATION &  
CLIMATE INITIATIVE**  
Of the Northeast and Mid-Atlantic States

Agreement of the Northeast and Mid-Atlantic States to  
Develop a Northeast Electric Vehicle Network and  
Promote Alternative Transportation Fuels

October 19, 2011

**Whereas**, the northeast region has consistently led the way in developing cleaner energy, encouraging private investment, and advocating the availability of cleaner vehicles and fuels; and

**Whereas**, we, the Principals of the environment, transportation, and energy agencies of the eleven Mid-Atlantic and Northeast states and the District of Columbia work collaboratively through the Transportation and Climate Initiative (TCI); and

**Whereas**, the TCI States recognize the many existing and emerging alternative fuels and vehicles that can build a clean-energy transportation system, including natural gas, biofuels and electric vehicles; and

**Whereas**, the TCI States understand that a diversity of transportation fuels in the region provides our citizens with the option to choose the technology that is best suited to their needs; and

**Whereas**, planning for development of infrastructure to support a diversity of fuel types is most effective when done at a regional level; and

Plans for the deployment of electric vehicles and EV charging stations and related infrastructure throughout the Northeast and Mid-Atlantic States

# Northeast Electric Vehicle Network Workplan

- Supported in part by a Department of Electric Vehicle Readiness Grant, which will fund the development of guidelines for the siting, permitting, and installation of EV charging stations
- Partnering with the New York State Energy Research and Development Authority and 16 of the region's Clean Cities Coalitions



# Northeast Electric Vehicle Network Workplan

- Engage with stakeholders, including auto manufacturers, charging station suppliers, utilities, and other public and private entities interested in EV
- Conduct a literature review of market barriers, electrical grid impacts, plans for EV rollouts, and other issues specific to the region
- Create siting and design guidelines
- Create model permits, codes, ordinances
- Undertake education and outreach activities

# For more information

[www.GeorgetownClimate.org/tci](http://www.GeorgetownClimate.org/tci)

Cassandra Powers, powers@law.georgetown.edu