



# TCI Declaration of Intent

## THE TRANSPORTATION AND CLIMATE INITIATIVE AN AGENDA FOR PROGRESS

### Declaration of Intent

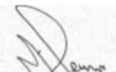
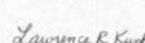
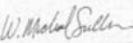
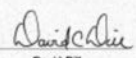
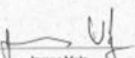
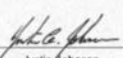
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 Joseph F. Marie Commissioner Connecticut Department of Transportation	 John W. Bezkowski III Vice Chairman Connecticut Department of Public Utility Control	 Arney Marrella Commissioner Connecticut Department of Environmental Protection
 Carolann Wicks Secretary Delaware Department of Transportation	 Arnetta McRae Chair Delaware Public Service Utility Commission	 Collin O'Mara Secretary Delaware Department of Natural Resources & Environmental Control
 Gabe Klein Director District Department of Transportation		 Christophe A.G. Tulou Director District Department of the Environment
 David Cole Commissioner Maine Department of Transportation	 Sharon M. Reishus Chairwoman Maine Public Utilities Commission	 David Littell Commissioner Maine Department of Resources & Environmental Protection
 Beverly K. Swartz-Staley Secretary Maryland Department of Transportation	 Susanne Brogan Commissioner Maryland Public Service Commission	 Shari T. Wilson Secretary Maryland Department of the Environment

 Michael P. Lewis Director Rhode Island Department of Transportation	 Lawrence R. Kunkel Senior Advisor for Renewable Energy Office of the Governor of Rhode Island	 W. Michael Sullivan Director Rhode Island Department of Environmental Management
 David Dill Secretary Vermont Agency of	 James Voltz Chairman Vermont Public Service Board	 Justin Johnson Commissioner Vermont Department of

 Jeffrey B. Mullan Commissioner, Secretary & Chief Executive Officer Massachusetts Department of Transportation	 Phil Gludice Commissioner Massachusetts Department of Energy Resources	 Laurie Burt Commissioner Massachusetts Department of Environmental Protection
 George N. Campbell, Jr. Commissioner New Hampshire Department of Transportation	 Clifton Below Commissioner New Hampshire Public Utilities Commission	 Thomas S. Burack Commissioner New Jersey Department of Environmental Services
 James S. Simpson Commissioner New Jersey Department of Transportation	 Lee Solomon President New Jersey Board of Public Utilities	 Bob Martin Commissioner New Jersey Department of Environmental Protection
 Stanley Gee Acting Commissioner New York Department of Transportation	 Garry A. Brown Chairman New York Public Service Commission	 Alexander B. Grannis Commissioner New York Department of Environmental Conservation
 Francis J. Murphy President and CEO New York Energy Research & Development Authority	 Allen D. Biebler Secretary Pennsylvania Department Transportation	 John Hanger Secretary Pennsylvania Department of Environmental Protection

# Current Climate Impacts Already Increasing Transportation Costs

- **Hurricane Sandy – \$65 billion**
  - NJ Transit - \$450 million
  - NY MTA - \$4.75 billion
- **Hurricane Irene – \$11.7 billion**
  - NY State - \$297 million
  - VT Highways - \$175 to \$250 million
- **Predicted national investment gap of \$1.1 trillion by 2020**



Mark Wilson / Getty Images in The New York Times



Matthew Cavanaugh for The New York Times



# Transportation and Climate Initiative

Collaboration of 11 northeastern states and the District of Columbia to build the clean energy economy and reduce greenhouse gas emissions in the transportation sector.



# TCI

- **Declaration Signed in 2010**


- 12 Jurisdictions
- Transportation, Energy, and Environment agencies

- **Accomplishments**

- \$1 million EV planning grant
- Sustainable Communities agreement, indicators work
- Freight study
- Promoting use of real-time transit data



# Electric Vehicle Materials & Tools



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

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**Clean Vehicles and Fuels**

- Work Group Overview
- Northeast Electric Vehicle Network**
- Electric Vehicle Action Plan
- Electric Vehicle Supporters
- Electric Vehicle Documents
- Exploring Natural Gas Opportunities

**Sustainable Communities**


- Workgroup Overview
- Measuring Sustainability

**Information and Communication Technology**

- Workgroup Overview
- Electric Vehicle Apps

**Freight Efficiency**

- Work Group Overview
- Freight Movement in the Northeast

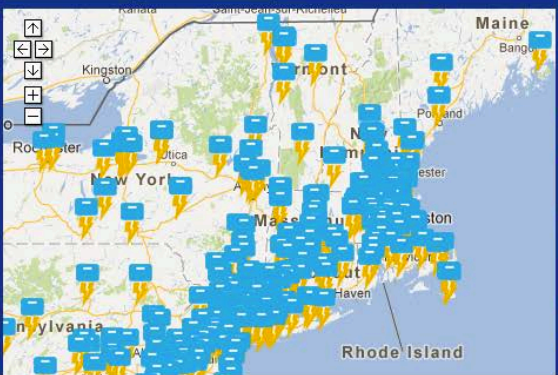


## Be Part of the Solution





Welcome to the Northeast Electric Vehicle Network—a project of the Transportation and Climate Initiative.

The Network and all the resources located on this page were developed by states to make learning about, owning, and driving an electric vehicle easier.

ZipCode      State (eg: NY, MA, DC, etc.)      Filter      Reset



**Regional EV Information For:**

-  Consumers
-  Employers
-  Apartment & Condo Owners
-  Local Governments





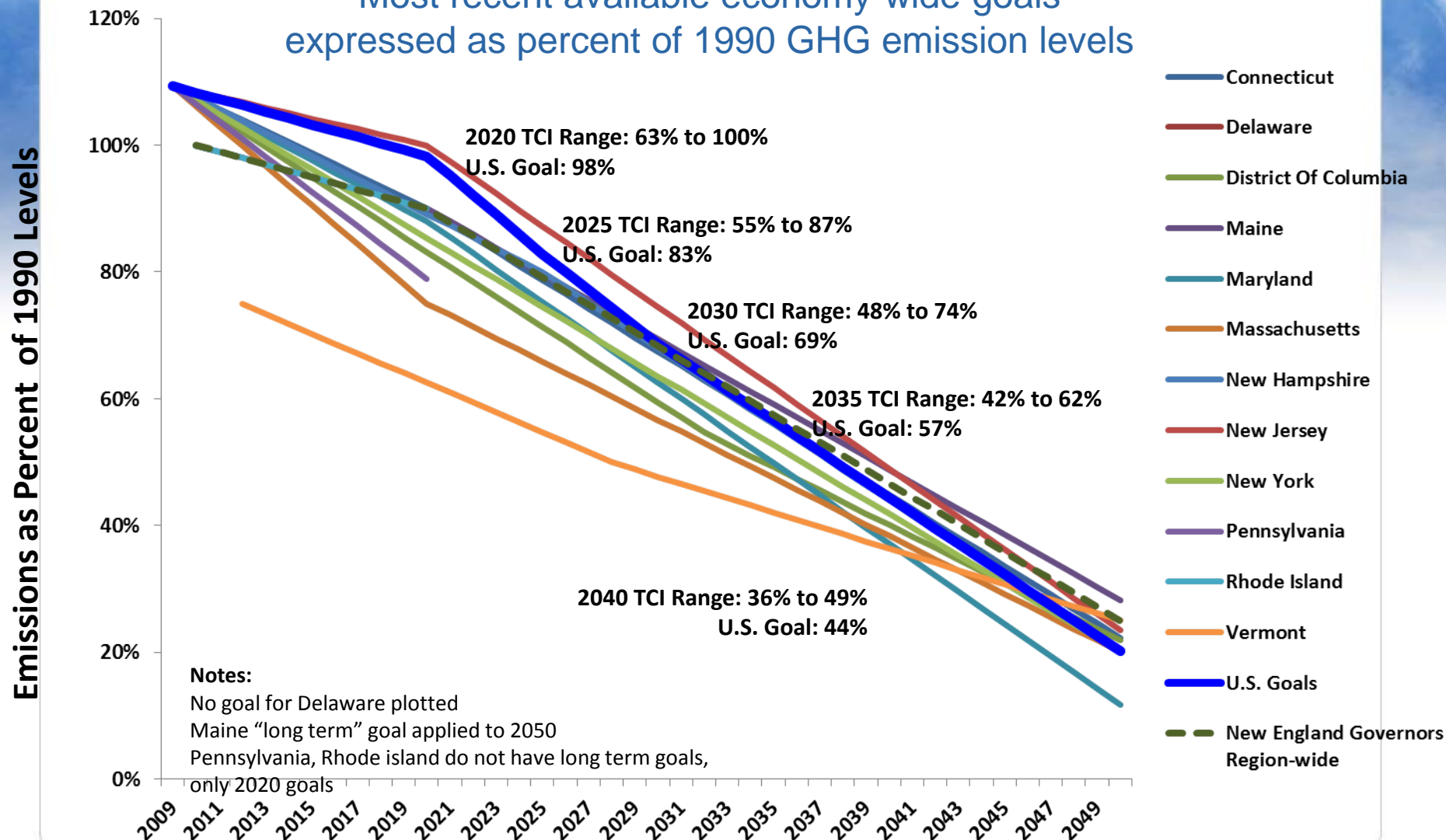
# What Kind of Economy-wide Goals have TCI States Articulated?

<b>CT</b>	<b>2013 Comprehensive Energy Plan, affirming goals in 2008 Connecticut Global Warming Solutions Act: House Bill 5600</b>	<b>10% below 1990 by 2020 80% below 2001 by 2050</b>
<b>DE</b>	<b>2009 Energy Plan recommends setting updated goal</b>	
<b>DC</b>	<b>A Vision for Sustainable DC (2012)</b>	<b>50% below 2012 by 2032 80% below 2012 by 2050</b>
<b>ME</b>	<b>Act to Provide Leadership in Addressing the Threat of Climate Change (2003)</b>	<b>Return to 1990 by 2010 10% below 1990 by 2020 75-80% below 2003 long term</b>
<b>MD</b>	<b>Greenhouse Gas Emissions Reduction Act (2009) Climate Action Plan (2008)</b>	<b>25% below 2006 by 2020 90% below 2006 by 2050</b>
<b>MA</b>	<b>Clean Energy and Climate Plan for 2020 (2010), pursuant to 2008 Global Warming Solutions Act (2008)</b>	<b>25% below 1990 by 2020 80% below 1990 by 2050</b>
<b>NH</b>	<b>New Hampshire Climate Action Plan (2009)</b>	<b>20% below 1990 by 2025 80% below 1990 by 2050</b>
<b>NJ</b>	<b>Global Warming Response Act, A3301 (2007)</b>	<b>Return to 1990 by 2020 80% below 2006 by 2050</b>
<b>NY</b>	<b>Exec. Order No. 2 (2011); Exec. Order No. 24 (2009)</b>	<b>80% below 1990 by 2050</b>
<b>PA</b>	<b>Pennsylvania Climate Change Action Plan (2009)</b>	<b>30% below 2000 by 2020</b>
<b>RI</b>	<b>Rhode Island Greenhouse Gas Action Plan (2002)</b>	<b>Return to 1990 by 2010 10% below 1990 by 2020</b>
<b>VT</b>	<b>Act No. 168 (S.259) (2006)</b>	<b>25% below 1990 by 2012 50% below 1990 by 2028 75% below 1990 by 2050</b>



# Climate Goals of TCI States

Most recent available economy-wide goals  
expressed as percent of 1990 GHG emission levels



# What Kind of Transportation Goals have TCI States Articulated?

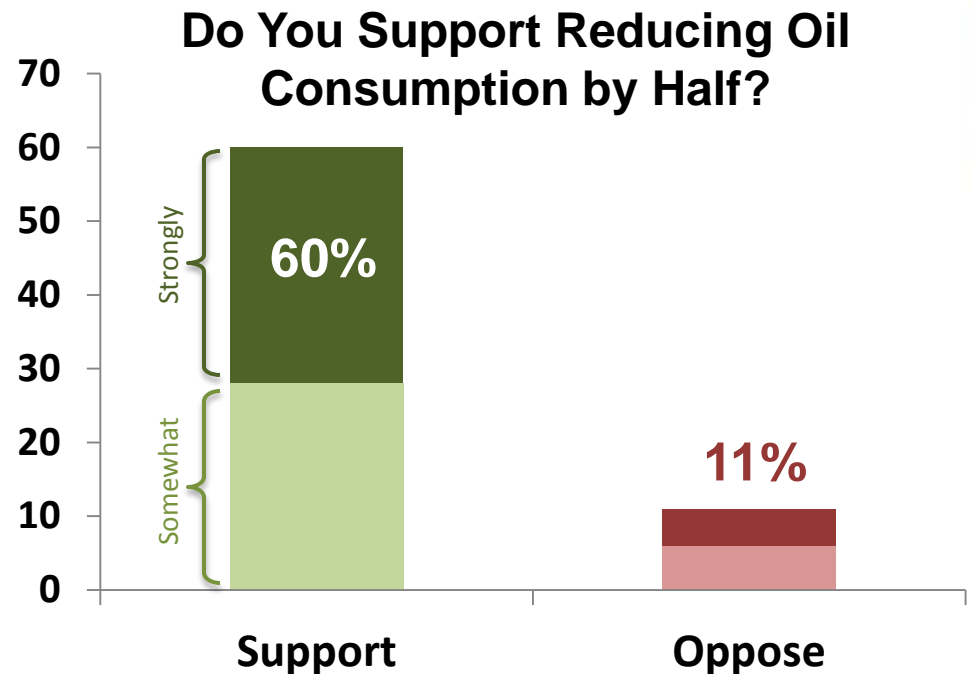
## States have a variety of goal types

- Transportation-specific GHG goals
- Oil reduction goals
- Plans that identify strategies to achieve specific reductions
- Mode shift goals
- Qualitative GHG, VMT goals

CT	2013 Energy Plan identifies strategies projected to achieve 37% reductions from BAU by 2050.
DE	2009 Energy Plan recommends setting goal of not exceeding 2009 VMT levels by 2030. 2010 Exec. Order state agencies to reduce petroleum consumption by 25%, vehicle emissions by 25%, and vehicle miles traveled by 15% by 2012 from 2008 levels.
DC	2012 Vision sets goal that 75% of all trips originating in DC to be by walking, biking, or transit by 2032
ME	2011 law sets goal of reducing economy-wide oil use by at least 30% below 2009 levels by 2030 and 50% by 2050
MD	Latest GGRA Plan (in development) indicates transportation sector would achieve ~36% of economy-wide GHG reductions by 2020, however additional transportation funding will be needed for indicated strategies
MA	Massachusetts's 2010 Clean Energy Plan calls for 30.4% of the 2020 statewide reduction goal to come from transportation.
NH	2009 Climate Action Plan recommends land use and transportation policies that could achieve transportation-sector reductions of GHG emissions of 5.01 MMTCO <sub>2e</sub> /year by 2025 and 7.91 MMTCO <sub>2e</sub> /year by 2050.
NJ	2009 Recommendations Report identifies policies that would achieve transportation sector reductions of 12.2 MMTCO <sub>2e</sub> per year by 2020.
NY	In-development 2013 energy plan pursuant to 2009 statute to include transportation elements.
PA	2009 Climate Action Plan identifies transportation and land use strategies that would achieve GHG reductions of 6.62 MMTCO <sub>2e</sub> annually by 2020.
RI	2012 Long Range Transportation Plan articulates qualitative goal of reducing GHG emissions and VMT.
VT	2011 Energy Plan articulates goals for transportation sector supporting 90% economy-wide renewables goal, including keeping VMT growth at 1.5% annually.

# Polling Shows Support for Reducing Oil Consumption in Region

- Results from a national, random sample poll of 1,874 respondents by Georgetown University. Poll conducted Feb. 7-19, 2013
- Overall poll results consistent with other national polling



Question: Would you support/oppose state government setting a goal to reduce oil usage by 50 percent in the state to be less dependent on foreign oil and to encourage investment in alternative energy technology? [Results from TCI region]



## TRANSPORTATION & CLIMATE INITIATIVE

Of the Northeast and Mid-Atlantic States

For more information:

[www.transportationandclimateinitiative.org](http://www.transportationandclimateinitiative.org)

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

[www.NortheastEVs.org](http://www.NortheastEVs.org)

