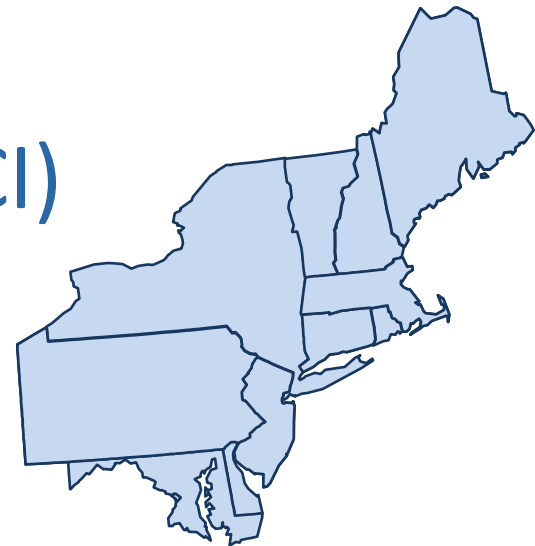


Transportation and Climate Initiative (TCI)

A new initiative to reduce greenhouse gases in the transportation sector in Northeast and Mid-Atlantic states



Kickoff Goals

Eleven states and DC launched the TCI in June 2010 to

- Reduce greenhouse gases in the transportation sector and help build the clean energy economy.
- Create benefits and funding opportunities for states that are leading the way.
- Align with federal government actions, goals and emerging inter-agency approaches.
- Build on existing regional efforts, including RGGI and the LCFS.



TCI Declaration of Intent

THE TRANSPORTATION AND CLIMATE INITIATIVE AN AGENDA FOR PROGRESS

Declaration of Intent

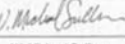
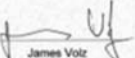

Today, we
Atlantic
collaborate
Working
Transport
minimize
growth, and
energy efficiency.

We recognize
century
emissions
greenhouse
States.

Most passenger
legislative
emissions
that outline
sectors, transportation.

As environmental
agencies
can reduce
to provide
Transportation
group development
at our next

 Joseph F. Marie Commissioner Connecticut Department of Transportation	 John W. Beokoski 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
 Beverley K. Swartz-Staley Secretary Maryland Department of Transportation	 Susanne Hogan Commissioner Maryland Public Service Commission	 Shari T. Wilson Secretary Maryland Department of the Environment

 Michael P. Lewis Chairman 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 Transportation	 James Voltz Chairman Vermont Public Service Board	 Justin Johnson Commissioner Vermont Department of Transportation

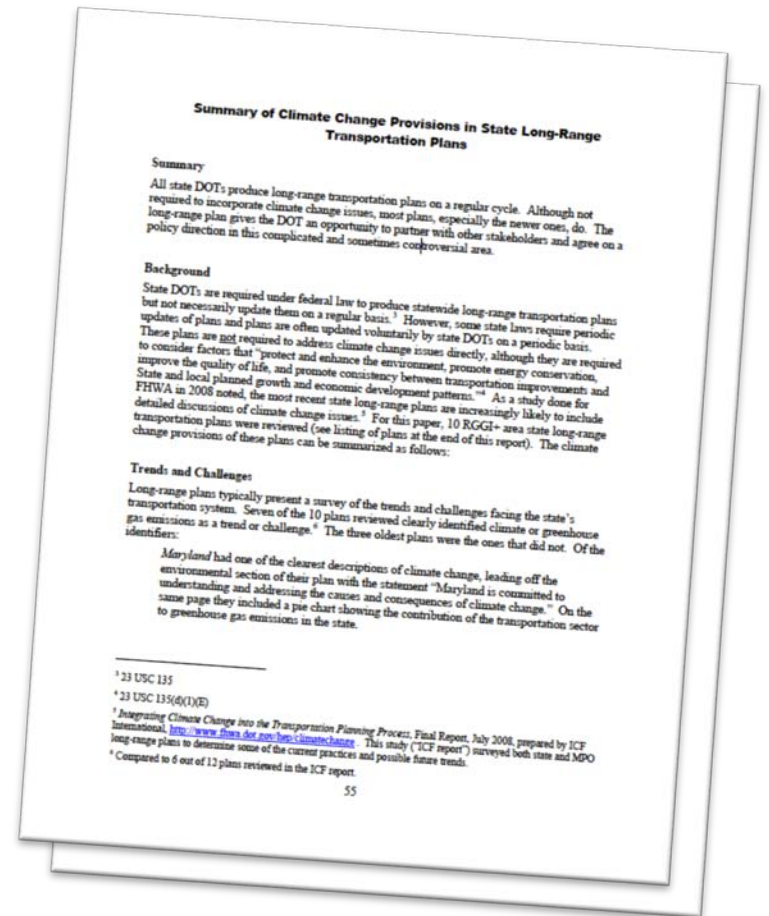
 Jeffrey B. Mullan Commissioner, Secretary & Chief Executive Officer Massachusetts Department of Transportation	 Phil Gludic Commissioner Massachusetts Department of Energy Resources	 Laurie Burt Commissioner Massachusetts Department of Environmental Protection
 George N. Campbell, Jr. Commissioner New Hampshire Department of Transportation	 Clifton Below Commissioner New Hampshire Public Utilities Commission	 Thomas S. Burack Commissioner New Hampshire 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 of Transportation	 John Hanger Secretary Pennsylvania Department of Environmental Protection

Purpose of the TCI

The mission of the TCI is to reduce greenhouse gas emissions, minimize our transportation system's reliance on high-carbon fuels, promote sustainable growth, address the challenges of vehicle-miles traveled, and help build the clean energy economy. TCI states will work collaboratively to explore and develop policies and programs that can result in greater energy efficiency of regional transportation systems and yield reductions of regional greenhouse gas emissions in the transportation sector.

Early Work

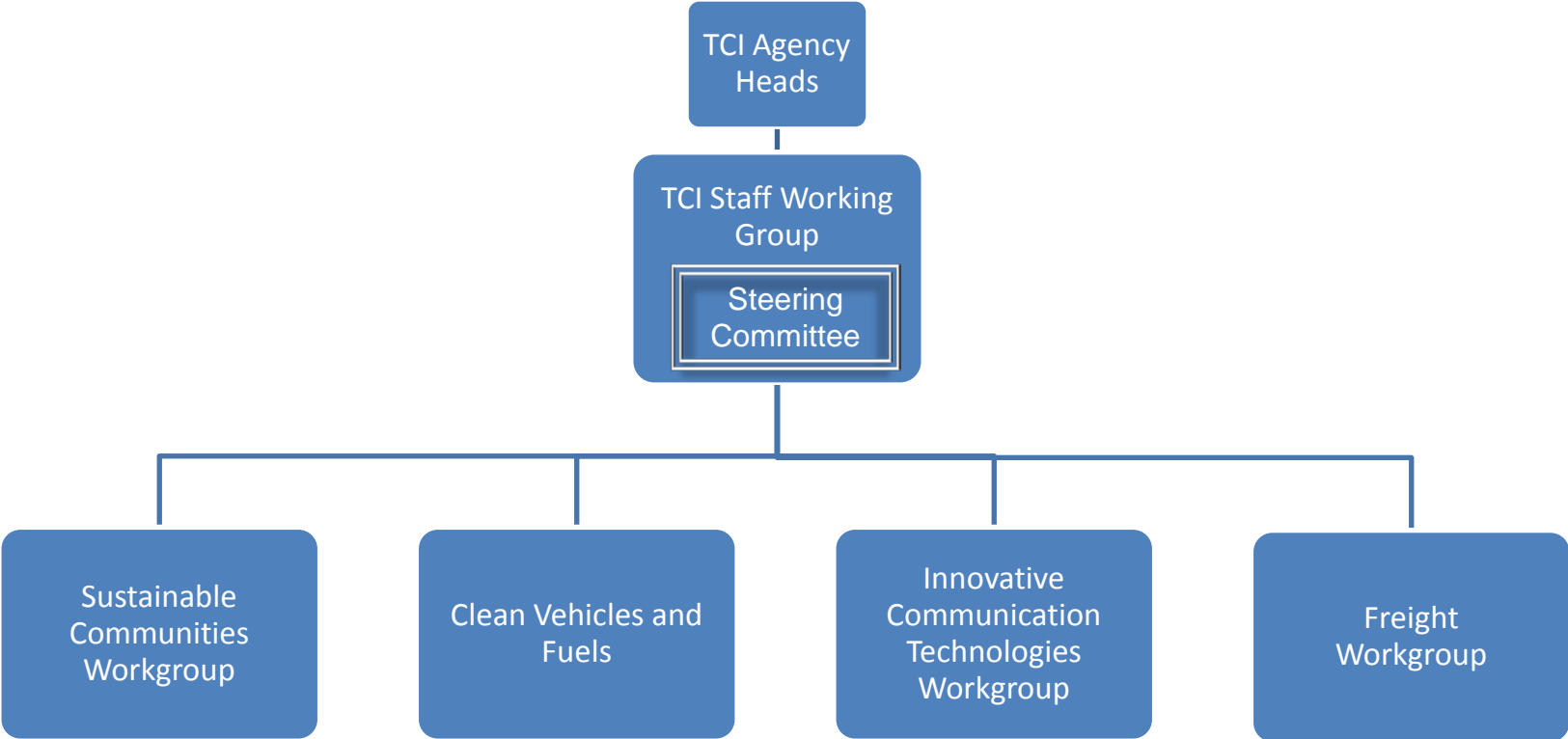
- Analysis of policy options in state climate plans, RGGI, and the climate provisions in state long-range transportation plans completed.
- Extensive outreach to federal partners (DOT, EPA, DOE and HUD) and stakeholders (AASHTO, APTA, NGOs and think tanks).
- States recently committed more than \$2.7 million in matching funds as part of an EV grant application.
- Detailed project work plan developed.



Early Work: Deep Staff and Agency Engagement Drive the TCI Forward

- 35 agency heads provide direction and core decision-making
- More than 90 staffers from state agencies in the region are fully engaged, participating in:
 - Staff working group meetings
 - Steering committee meetings
 - Working groups in each of the TCI's project areas (includes agency officials and subject area experts)
- The Georgetown Climate Center serves as the group's convener and provides facilitation, staffing, analysis, and a team of expert consultants.

Organization Chart



Georgetown Climate Center supports the TCI by providing research, facilitation and funding

TCI – TEE Steering Committee

State staff and the Georgetown Climate Center team meet regularly by conference call to move the initiative forward, including:

- Developing the TCI workplan
- Seeking funding
- Creating communication materials
- Linking with partners
- Coordinating the workgroups
- Identifying data gaps and information needs

Early Work: Clean Vehicles and Fuels

- Completed TIGER II grant with work plan to promote a regional EV network, which would connect EV hubs with metropolitan and local EV networks and public transportation systems, including transit, airports, and rail.
- Coordinating EV infrastructure policies at a regional level will hasten the spread of EV sales and use.



Early Work: Sustainable Communities

- Develop state-level policies that foster sustainable communities and smart growth to reduce travel demand and promote transit oriented development.
- Bridge support for sustainable communities policies at the federal level and action at the local level by leveraging state resources and authorities through:
 - Incorporating climate change as a factor in state infrastructure investment
 - Developing metrics to reflect climate impacts in state level policies
 - Partnering with regional and local entities to promote consistent practices to promote sustainable communities
 - Developing best practices and model state policies to promote sustainable communities
 - Building capacity to enhance and implement sustainable communities efforts within state climate action planning



Early Work: Information and Communication Technology

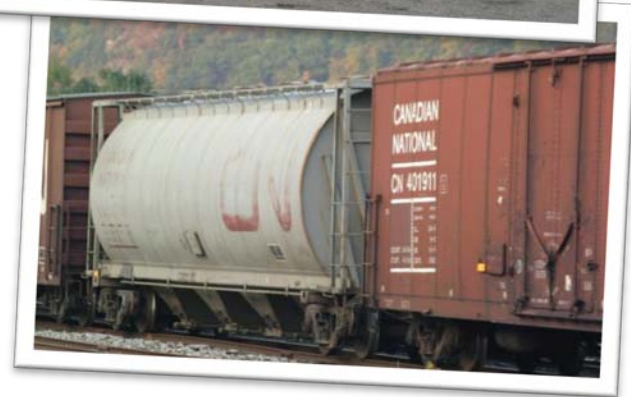
Tap into the potential of information and communication technologies to make transportation more energy efficient and sustainable in the region. Implement emerging technologies to:

- Promote transit use through information technologies
- Provide real-time information on traffic and alternative routes
- Improve bus scheduling and routing
- Reduce travel times and traffic congestion
- Reduce the amount of idling and unproductive run times for locomotives and other heavy-duty vehicles
- Reduce the cost of vehicle ownership
- Improve public safety and expand consumer travel choices



Early Work: Freight

- Seeking to identify and advance new regional initiatives to promote sustainable economic development through better goods movement systems and technology.
- Considering ways to reduce truck vehicle miles traveled (VMT) through
 - Mode shifting to rail and water
 - Using new technology for better routing and loading of trucks
 - Exploring Smart Growth strategies for goods movement (such as freight villages)
 - Looking into linking “reindustrialization” policies with freight management



Early Work: TCI Extranet Site

Private site developed to encourage internal collaboration and information sharing.

The screenshot shows the TCI Extranet Site dashboard. At the top, there is a navigation bar with the TCI logo on the left and user information (Chris Coil) and links (My info, Sign out, HELP) on the right. Below the navigation bar are tabs for Dashboard, To-Dos, Milestones, All People, Search, Account (Upgrade/Invoices), Templates, and Settings.

The main content area is divided into two columns. The left column is titled "Latest activity across your projects" and contains a section for "Upcoming Milestones" with a calendar view for the next 14 days. The calendar shows milestones for Friday (today), Wednesday, and Thursday. The right column is titled "Your projects" and lists various project groups under the "Transportation and Climate Initiative", including Agency Heads, Communications, EV Workgroup, Freight Workgroup, ICT Workgroup, Organizing Team, Steering Committee, Sustainable Communities Workgroup, and TEE.

Below the calendar, there are three activity feeds:

- Transportation and Climate Initiative — Steering Committee (TCI):** A list of milestones and comments, all marked as "TODAY".
- Transportation and Climate Initiative — Freight Workgroup:** A list of file uploads and messages, with dates ranging from August 31 to September 27.
- Transportation and Climate Initiative — TEE (TCI):** A single milestone entry dated September 16.

Moving forward together

- October Agency Head webinar re: work plan
- November TEE and workgroup meeting
- Conduct ongoing analysis building on state needs and data
 - Analyze state climate action and transportation plans
 - Gather relevant data
 - Identify and share best practices
- Identify additional opportunities for funding support, partnership, and outreach
- Check in during upcoming meetings of other relevant organizations (e.g., AASHTO, RGGI, etc.)
- March staff meeting
- June agency head meeting

Transportation and Climate Initiative (TCI)

FOR MORE INFORMATION:

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