



NARC
Building Regional Communities

How Could TCI Dollars Advance the Work of COGs and MPOs?

Leslie Wollack, Executive Director
National Association of Regional Councils

TCI Principles – More than just GHG?

From the original (2010) TCI *Declaration of Intent*:

TCI aims to:

- Reduce greenhouse gas emissions
- Minimize the transportation system's reliance on high-carbon fuels
- Promote sustainable growth
- Address the challenges of vehicle miles traveled
- Help to build the “clean energy economy”

TCI provides the opportunity to:

- Mitigate transportation sector's impact on climate change
- Increase transportation safety and reliability
- Attract federal investment
- Lower transportation costs
- Improve air quality and public health
- Support research and development of advanced transportation technologies

TCI will aid efforts to:

- Reduce congestion
- Increase job growth
- Develop State and local land use strategies that encourage density and transit-friendliness
- Improve existing transportation while enhancing neighborhoods and urban centers
- Promote development that supports transportation alternatives to driving



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TCI Methods

From the 2018 Listening Sessions:

Participants suggested policies and actions for the states to explore. Seven policies recurred often and are ranked below according to the frequency with which they were suggested.

1. Price emissions from the transportation sector and reinvest the proceeds
2. Accelerate electrification of the transportation system
3. Incorporate smart growth, zoning and affordable housing policies
4. Encourage people to increase their use of modes other than personal vehicles
5. Support expansion of alternative transportation fuels
6. Address special issues related to ports and freight
7. Other policies and incentives



Areas for Investment

From the 2018 Listening Sessions:

Question: *“What would make it easier for you to transition to low-carbon transportation choices?”*

Responses:

- Improve public transit to make it more convenient, affordable, safe, and reliable
- Make zero-emissions vehicles more readily available, affordable, and easy to use
- Expand the range of transportation options available – and make sure people know what their options are
- Make biking and walking safer and more accessible everywhere
- Incorporate clean transportation into land use and community design



COG and MPO Example Projects

- Improve public transit to make it more convenient, affordable, safe, and reliable.

[Older Adult Transit Survey](#)

Puget Sound Regional Council

[Human Services Transportation](#)

Rockingham Planning Commission

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- Make zero-emissions vehicles more readily available, affordable, and easy to use.

[Fleets for the Future](#)

Metropolitan Washington Council of Governments (MWCOCG)

[Sustainable Transportation Plan \(Voluntary Vehicle Recycling\)](#)

Pioneer Valley Planning Commission

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- Expand the range of transportation options available – and make sure people know what their options are.

[Georgia Commute Options](#)

Atlanta Regional Commission (ARC)

[CommuteSmart \(Multi-modal transportation\)](#)

Nashua Regional Planning Commission (NRPC)



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COG and MPO Example Projects

- Make biking and walking safer and more accessible everywhere.

[Bike Route Guide](#)

Ohio-Kentucky-Indiana Regional Council of Governments (OKI)

[Regional Bicycle Plan](#)

Hagerstown/ Eastern Panhandle MPO (HEPMPO)

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- Incorporate clean transportation into land use and community design.

[Transit Oriented Development \(TOD\) Education & Outreach](#)

Treasure Coast Regional Planning Council (TCRPC)

[New York-Connecticut Sustainable Communities Initiative](#)

New York Metropolitan Transportation Council (NYMTC)

[Complete Streets Program](#)

Merrimack Valley Planning Commission (MVPC)



Georgia Commute Option (ARC)

The screenshot shows the homepage of the Georgia Commute Options website. At the top, the logo reads "GEORGIA COMMUTE OPTIONS" with a bus and bicycle icon. Below the logo is a navigation menu with links for "ABOUT US", "COMMUTERS", "EMPLOYERS", and "SCHOOLS". The main visual is a photograph of a smiling man and woman standing outdoors. Overlaid on the photo is the text "DRIVE CHANGE" in large white letters, with the subtext "Find out how you can drive change by not driving." below it. Underneath the photo is a section titled "DRIVE CHANGE FOR BETTER COMMUTE" with the text "Our goal is to reduce the number of single-occupant vehicles on our region's roads and improve air quality." Below this is a section titled "EXPLORE OUR SERVICES" with four columns: "EMPLOYER SERVICES" (Discover the free services we offer and benefits of working with us.), "COMMUTER SERVICES" (Explore all the ways you can avoid traffic, gain peace of mind, and get rewarded.), "WAYS TO GET AROUND" (Find the clean commute alternative that's right for you.), and "WAYS TO EARN CASH" (See how you can earn cash and prizes for logging your clean commute.).

This screenshot shows a section of the website with icons for "CARPOOL", "VANPOOL", "TRANSIT", "TELEWORK/FLEXWORK", and "BIKING & WALKING". Below the icons is a large image of a person walking on a transit platform. Overlaid on the image is the text "GET PAID FOR YOUR COMMUTE" in large white letters, with the subtext "Learn how we put cash and prizes in your pocket as a reward for choosing a clean commute alternative." Below the image are two white boxes. The first box is titled "COMMUTE CALCULATOR" and contains the text "Find the total cost of your commute and see how much you can save by choosing a clean commute alternative." with a "LEARN MORE" link and a calculator icon. The second box is titled "GUARANTEED RIDE HOME" and contains the text "Get up to 5 free rides home or to your car from work each year if an unexpected event occurs." with a "LEARN MORE" link and a house location pin icon.



Bike Route Guide (OKI)

The screenshot displays the OKI Bike Route Guide interface. The map shows various colored routes across Cincinnati, including preferred routes (blue), caution routes (yellow), and non-recommended streets (red). A legend in the bottom-left corner defines these route types and other features like bike racks and hills. Two pop-up windows provide details for a specific Red Bike Station at Theodore M. Berry International Friendship Park, including its address, bike availability, dock count, and last update date.

Legend

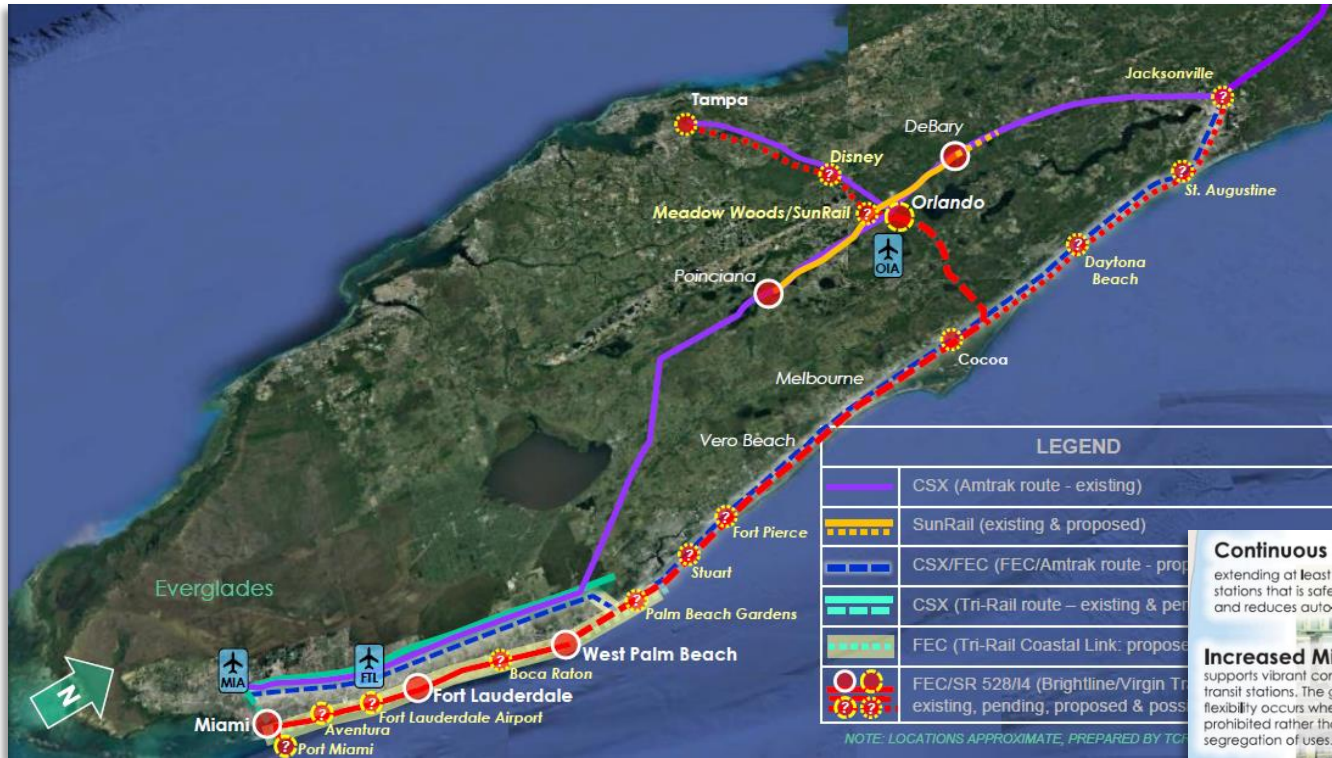
- 7 Cincy Red Bike Stations
- Difficult Intersection
- Hills
- Bike Rack
- Bike Lane
- Shared Use Path
- Street - Not Recommended
- Street - Use With Caution
- Street - Preferred Route
- Mountain Bike Trail

Red Bike Station: Theodore M. Berry International Friendship Park

Address	1117 Riverside Drive
Bikes Available	6
Docks Available	9
Last Updated	Jun 14, 2019 8:39



Transit Oriented Development (SFRPC, TCRPC)



ACTIVITY TIMEFRAME	DETAIL
DUE DILIGENCE May-June 2017	RPCs conduct high level review of local regulations (e.g., TOD Policies, Density/Intensity, Mix of Uses, Parking)
LOCAL AGENCY OUTREACH (FDOT, RPCs, SFRTA) July-October 2017	Meetings with Government Municipalities, MPOs & Counties (18 stations = 15 municipalities; 3 counties) Present SFRTA TOD Policy Review Codes & Station-Area Development Activity
FINALIZE RESULTS November 2017	Summarize Findings & Recommendations
BOARD UPDATE December 2017	Present Findings & Recommendations
MONITORING Quarterly going forward	Continue to Engage Local Governments RPC Assistance with Updates to Local Regulations (as requested)

Continuous Infill Pattern
extending at least a half-mile from transit stations that is safe, pedestrian-friendly and reduces auto-dependency.

Higher Density benefits ridership and local economies, especially when it averages 75 du/acre, yielding up to 40,000 units in the half-mile surrounding transit stations, and includes housing for all walks of life.

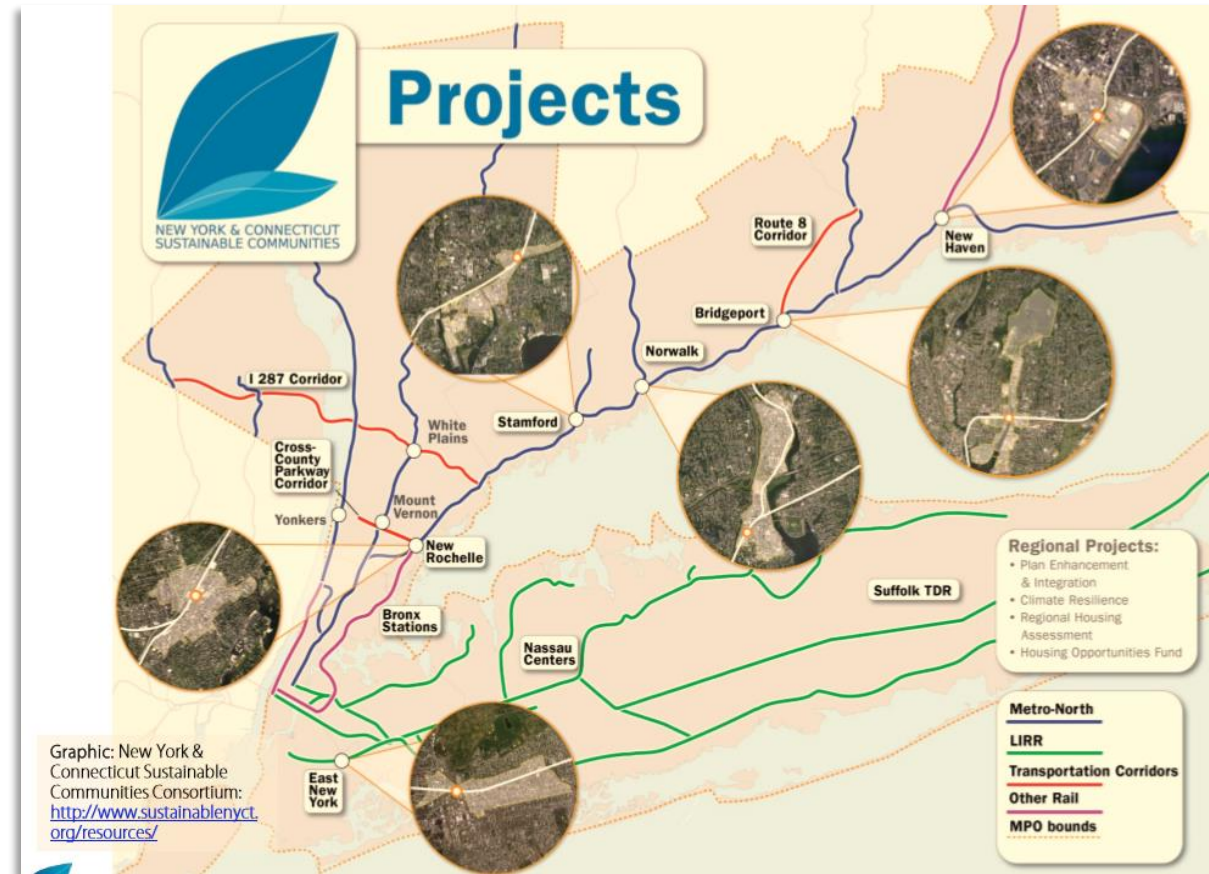
Increased Mix of Uses supports vibrant communities near transit stations. The greatest market flexibility occurs when few uses are prohibited rather than traditional segregation of uses.

Limited or No Required Parking stimulates business investment, generates local revenue, and encourages people to use transit. Parking requirements may be eliminated for the best TOD market response.

Image Source: Dan Harmon & Associates



New York-Connecticut Sustainable Communities Initiative (NYMTC)



TCI Regional Policy Design Process

TCI has been conducting a series of workshops and webinars:

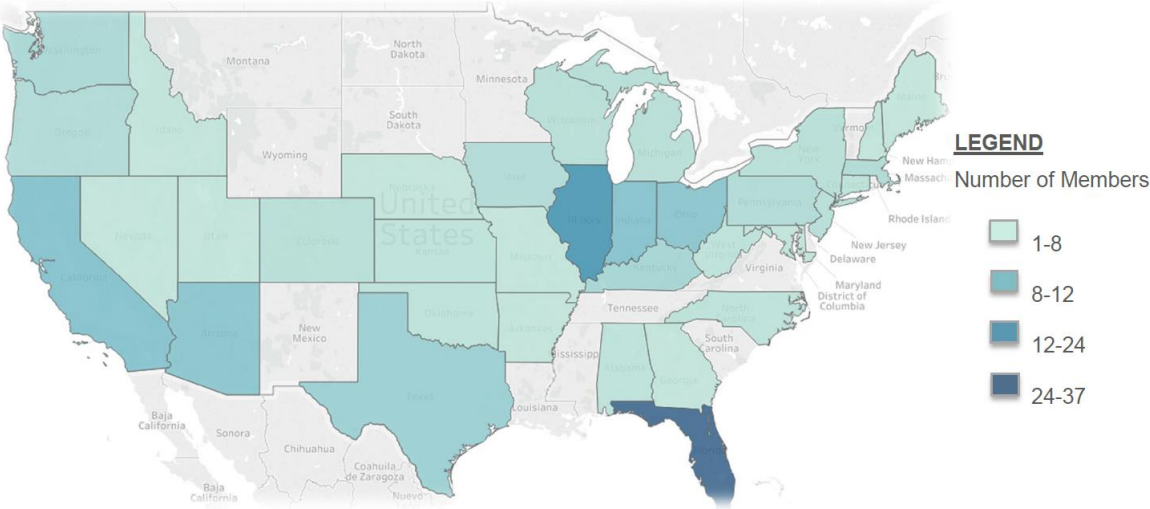
- Technical Workshop: Regional Cap and Invest for Transportation, Key Design Elements
 - *April 30, 2019*
- TCI Workshop and Roundtable Discussion: Advancing Equity & Creating Opportunities for All Communities
 - *May 15, 2019*
- Webinar: Reference Case Assumptions for Policy Program Design
 - *May 23, 2019*
- Workshop: Low-Carbon Transportation Investments, Strategies and Outcomes
 - *Date and location to be announced*



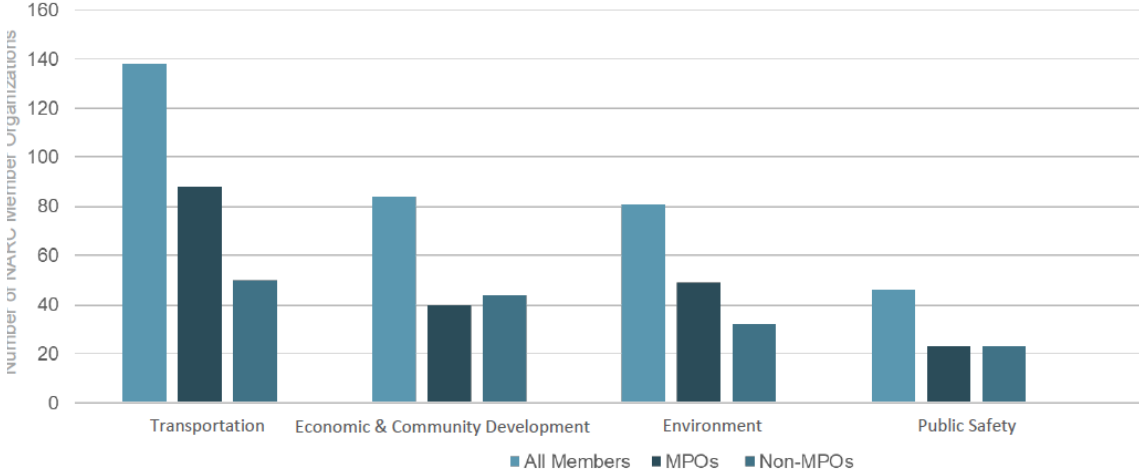
NARC Member Programs List

- NARC is in the process of assessing member programs and creating a project list for TCI
- Information and support for specific programs is available upon request

Member Geographic Distribution



Member Programs Overview



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RGGI Investments

2016 RGGI Investments:

- **Energy efficiency** makes up 55 percent of 2016 RGGI investments and 58 percent of cumulative investments. Programs funded by these investments in 2016 are expected to return \$822.8 million in lifetime energy bill savings to over 176,000 participating households and 2,430 businesses in the region.
- **Clean and renewable energy** makes up 17 percent of 2016 RGGI investments and 14 percent of cumulative investments. RGGI investments in these technologies in 2016 are expected to return \$465.1 million in lifetime energy bill savings to 3,182 participating households and 91 businesses in the region.
- **Greenhouse gas abatement** makes up 11 percent of 2016 RGGI investments and 8 percent of cumulative investments. RGGI investments in greenhouse gas (GHG) abatement in 2016 are expected to avoid the release of 1.4 million short tons of harmful CO₂ pollution into the atmosphere.
- **Direct bill assistance** makes up 11 percent of 2016 RGGI investments and 14 percent of cumulative investments. Direct bill assistance programs funded through RGGI in 2016 have returned \$48.6 million in bill credits and assistance to consumers.

