



Maryland
Department of
the Environment

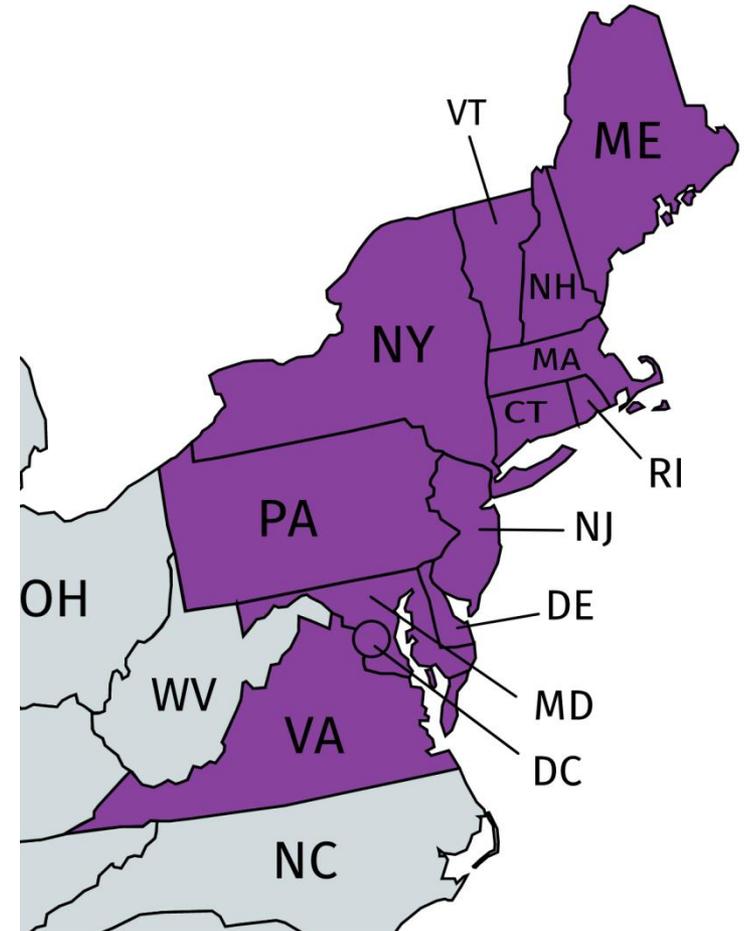
Transportation and Climate Initiative Update

Maryland Commission on Climate Change

August 8, 2019

What is TCI

- 12 States + DC
- Task this year: Design a Cap-and-Invest program (like RGGI) for emissions from transportation fuels.



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

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Recent Engagement

- Last Year: Roundtables across region
- This Year:
 - April 30: Regional Workshop in Boston
 - May 15: Regional Workshop in Newark
 - May 23: Modeling Webinar
 - July 30: Regional Workshop in Baltimore
 - August 8: Modeling Webinar
- Upcoming:
 - Maryland Workshops (Timing TBD)
- Overall message so far: Equity and community impacts are important.



Information and Input

- TCI website includes summaries & recordings of workshops & webinars, in addition to other info:
<https://www.transportationandclimate.org/main-menu/tcis-regional-policy-design-process-2019>
- Submit input via website:
<https://www.transportationandclimate.org/main-menu/tci-regional-policy-design-stakeholder-input-form>
- All submissions posted publicly:
<https://www.transportationandclimate.org/tci-regional-policy-design-stakeholder-submissions>



Program Design Leanings

Cap Coverage: Emissions from Motor Gasoline and On-Road Diesel

Point of Regulation: Suppliers delivering fuels across state lines for end-use (e.g. EIA's "Prime Suppliers")

Cap Stringency: TBD

Cap Flexibility: TBD

Investment Priorities: TBD



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Modeling Questions

How does the **CAP** affect the transportation sector (& others)?

Model: NEMS

How do the **INVEST**ments affect the transportation sector?

Model: TCI Investment Strategy Tool

What are the impacts from the program?
(economic impacts, public health)

Models: REMI and Health Modeling by Harvard

Who bears those impacts?

Model: RFF Incidence Model

TCI In the Draft GGRA Plan

We did not estimate specific reductions from TCI in the upcoming Draft Plan, because it's still under development

However, a number of GGRA measures could be enabled or funded by a TCI Cap-And-Invest program, including:

- Light-Duty electric vehicle deployments
- 50% ZEV transit buses by 2030
- Possibly other transit, active transportation, freight, port investments.

