



Transportation Decarbonization - 2021

Northern Virginia Transportation Roundtable

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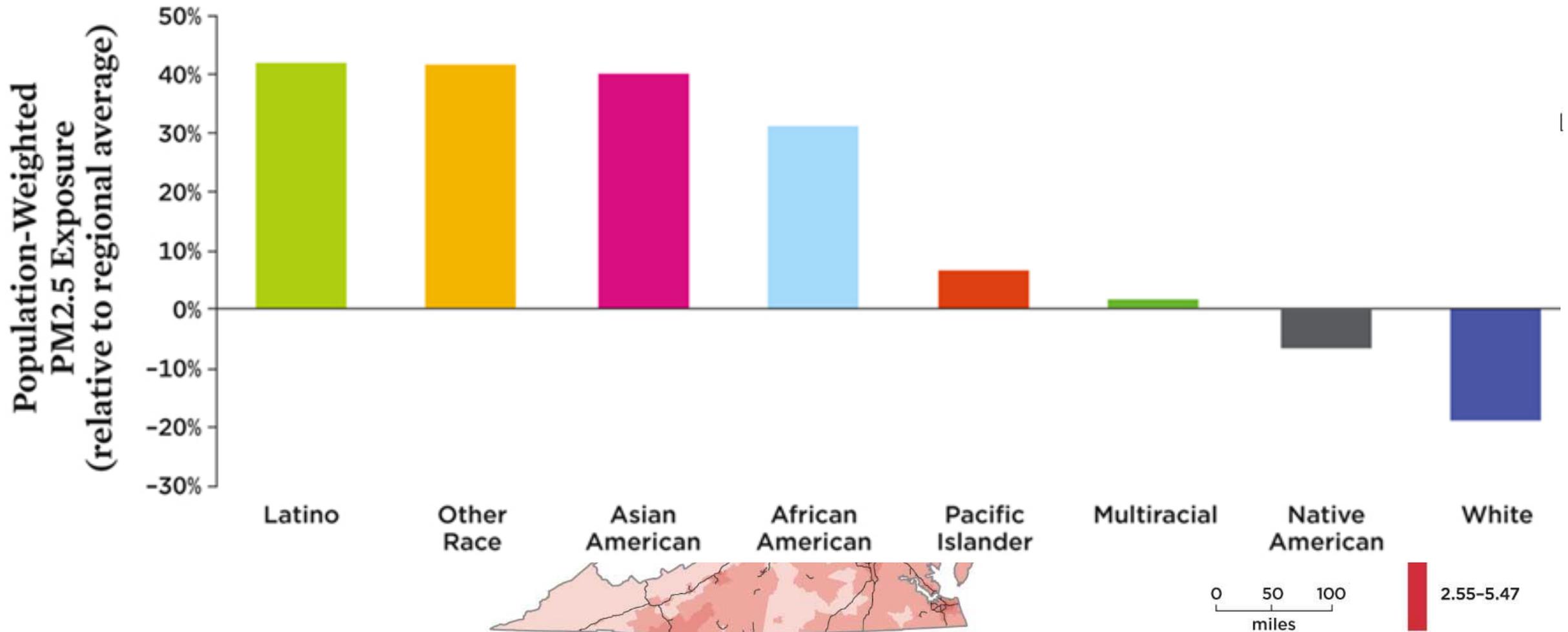
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Why Focus on Clean Transportation?

- The transportation sector accounts for about **45% of greenhouse gas emissions** in Virginia.
- **To meet greenhouse gas emissions targets**, we need to tackle transportation emissions.
- Reducing emissions from mobile sources also **improves air quality and public health** and **advances environmental justice**.



Transportation Justice



Recent Policy Approaches

2021 General Assembly

- Advanced Clean Cars
- Electrification Agenda
 - Infrastructure
 - Incentives
 - School Buses
- Transit Equity

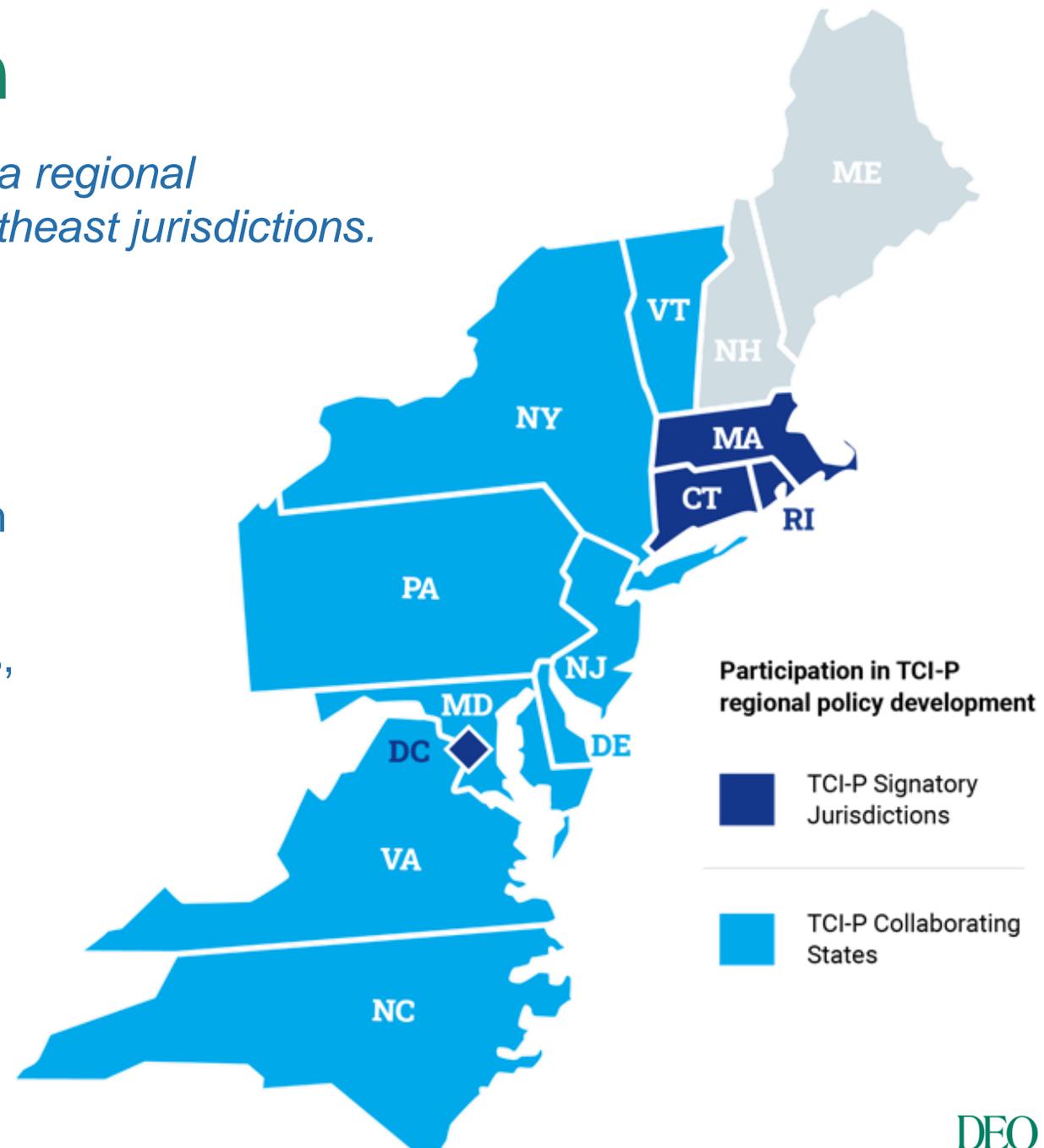
DEQ Dieselgate Funding

- ✓ Statewide EV Charging Network
- ✓ Electric Transit and School Buses
- ✓ Port Electrification
- ✓ Clean Air Communities Program

TCI: A Regional Approach

The Transportation and Climate Initiative (TCI) is a regional collaboration of Northeast, Mid-Atlantic, and Southeast jurisdictions.

- December 2018: Nine States and D.C. announced their intent to design a regional approach to cap greenhouse gas pollution from transportation
- December 2020: Rhode Island, Massachusetts, Connecticut, D.C. are First to Sign MOU to Launch TCI-P
- In an accompanying statement, eight other Northeast, Mid-Atlantic, and Southeast states signaled that they will continue to work on the development of the details of the regional program



Investment Strategies & Benefits

Each jurisdiction will decide how to invest its share of proceeds to benefit individuals and businesses, reduce pollution, and improve transportation choices.

 <ul style="list-style-type: none">➤ improve air quality by reducing harmful GHG, NOx, and PM 2.5 emissions	 <ul style="list-style-type: none">➤ reduce health concerns such as asthma caused by poor air quality	 <ul style="list-style-type: none">➤ decrease health care costs and lost productivity for businesses	 <ul style="list-style-type: none">➤ improve public transit system through expansion and electrification
 <ul style="list-style-type: none">➤ help businesses purchase and support EV fleets and charging stations for employee vehicles	 <ul style="list-style-type: none">➤ encourage the use of cleaner and quieter vehicles in neighborhoods	 <ul style="list-style-type: none">➤ reduce congestion for commuting employees and increase productivity	 <ul style="list-style-type: none">➤ enable drivers to switch to more efficient vehicles and fill up less at the pump
 <ul style="list-style-type: none">➤ expand safe bike lanes, bike paths, walking trails, and sidewalks	 <ul style="list-style-type: none">➤ create incentives for continued telecommuting to reduce long commute times	 <ul style="list-style-type: none">➤ improve high speed wireless internet in rural and low-income areas	 <ul style="list-style-type: none">➤ create jobs through infrastructure investments and boost the economy

TCI-P: Part of a Comprehensive and Equitable Climate Response

A variety of strategies are needed to equitably reduce air pollution from transportation sources

- Strategies must address emissions from
 - The vehicles we use,
 - The fuels those vehicles use
 - How, when, and where we travel
- Many actors have important roles to play
 - Various agencies within local, state, tribal, and federal governments
 - Communities, workers, and businesses

What is the role of TCI-P?

- TCI-P caps climate-altering pollution and enables targeted investments and incentives to promote public benefits where they are
7 needed most

