

Listening Session Meeting the Region's Needs with Cleaner Transportation

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University of Maryland University College
Academic Center at Largo, MD



Regional Goals in November 2017 Statement:

- Modernize the transportation system to reduce congestion and improve reliability and resiliency.
- Reduce carbon emissions and other harmful pollutants.
- Enhance the economic competitiveness of states in the Northeast and Mid-Atlantic on a national and global scale.



Goals of today's session:

- Understand our region's transportation needs and opportunities, and what would make it easy to adopt low carbon options;
- Outline goals for a future, low-carbon transportation system for our region; and
- Discuss how different types of state/regional policies and actions can help meet those goals.

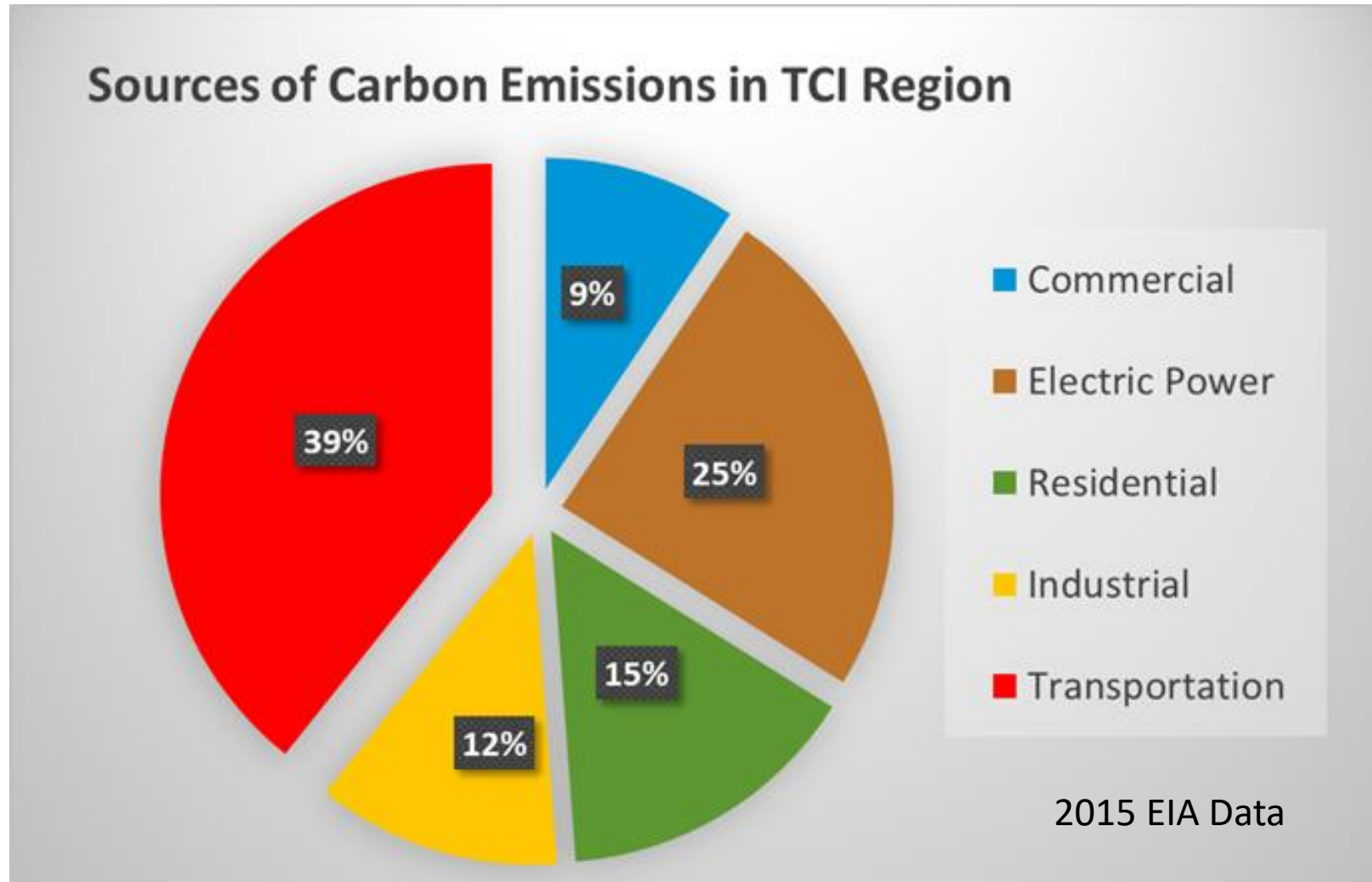


Discussion Session One:

Transportation Needs and Opportunities



Transportation is the largest source of carbon pollution in the region



Addressing carbon pollution grows our economy

- Reduces reliance on fossil fuels
- Promotes new markets and technologies such as:
 - Electric and other zero-emission vehicles
 - Batteries and charging
 - Renewables
 - Taps into the strengths of our workforce, universities and advanced research centers.



Benefits of a modern transportation system

- Improves operational efficiency
- Increases productivity
- Connects people to jobs, education, services and each other
- Connects businesses to markets; minimizes delivery time for products and services
- Tailors transportation services to customer needs



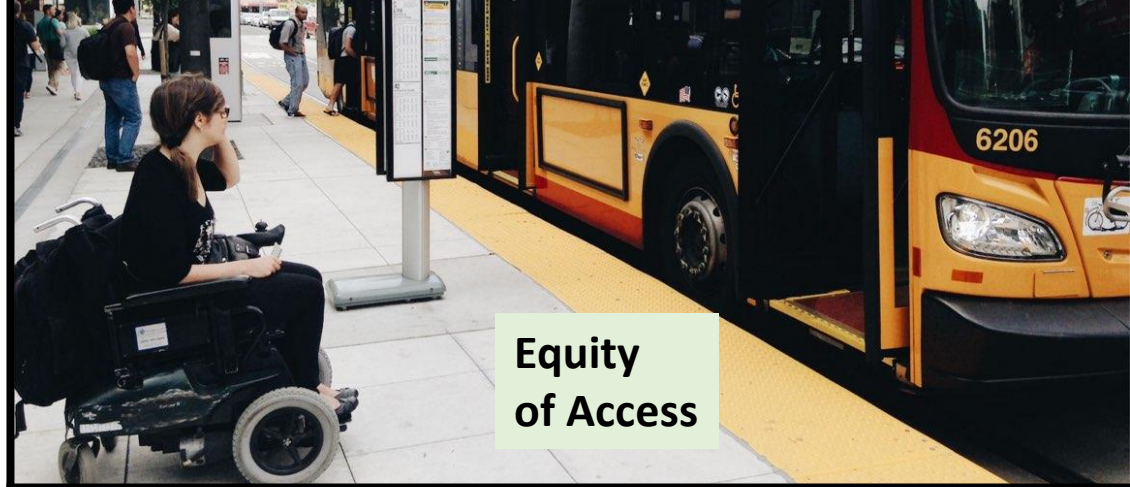
Addressing carbon pollution benefits our health

- Improves air quality
- Avoids asthma, other respiratory illnesses and cardiovascular conditions
- Decreases work days lost
- Provides savings in health costs



Modernizing transportation benefits our communities

- Complete Streets
- Smart Growth
- Connectivity and access
- Vibrant communities



Equity
of Access



Intermodal
Connectivity



Complete
Streets

Question One

What would it take to make it easier for you to transition to low-carbon transportation choices?



Discussion Session Two:

Goals for the Regional Transportation
Policy Choices



Possible Goals for a Regional Low-Carbon Transportation Policy

Provide incentives for people, companies and governments to choose cleaner transportation options

Encourage investments by the private sector in clean technology innovation and market development

Create a “price signal” so that market prices for transportation reflect damages caused by carbon pollution

Raise funds for states to invest in more reliable, cleaner and resilient transportation systems



Question Two

Finish the following sentence –
“A regional low-carbon
transportation policy should...”



Time for a Break



Highlights from Session 1

Needs and Options



Highlights from Session 2 Regional Low-Carbon Transportation Policy Goals



Discussion Session Three:

Moving Goals Into Policy and Action



Types of Policy Actions

- Requirements
 - Regulations
 - Standards
 - Zoning and Building Codes
- Incentives
 - Grants
 - Special access or Use
 - Public investments
- Pricing
 - Fees
 - Markets



Examples of actions identified by stakeholders to date

Congestion pricing - cost to enter specific areas at high-traffic times

Vehicle-miles-traveled fees - cost based on miles driven instead of fuel consumed

Rebates - for use of public transit or purchase of zero-emission options

Electrification zone - a requirement that all vehicles be electric to enter a certain city zone or use a certain travel corridor

Cap-and-invest system - a pollution cap with requirement that fuel suppliers acquire allowance permits for emissions from transportation fuels; proceeds from the sale of permits can be reinvested in clean and resilient transportation.

EV-ready codes - building codes requiring new construction to have a certain quantity of installed EV charging

Green Bank - public funding to support private investments in new technologies and services

And additional ideas for policies will evolve through these listening sessions...



Question Three

Part A

Reflecting on the goals identified, what policies or actions should be explored to accomplish the region's low-carbon transportation goals?



Question Three

Part B

This policy/ action could meet the following goals...

What will ensure that the policy works for your needs and interests (and the needs of other stakeholders, such as those in this room today?)

