



Acadia Center

Advancing the Clean Energy Future

The Transportation and Climate Initiative

12th Annual VECAN Conference
December 7th, 2019



Transportation Challenges in the Region

Transportation is the largest source of air pollution

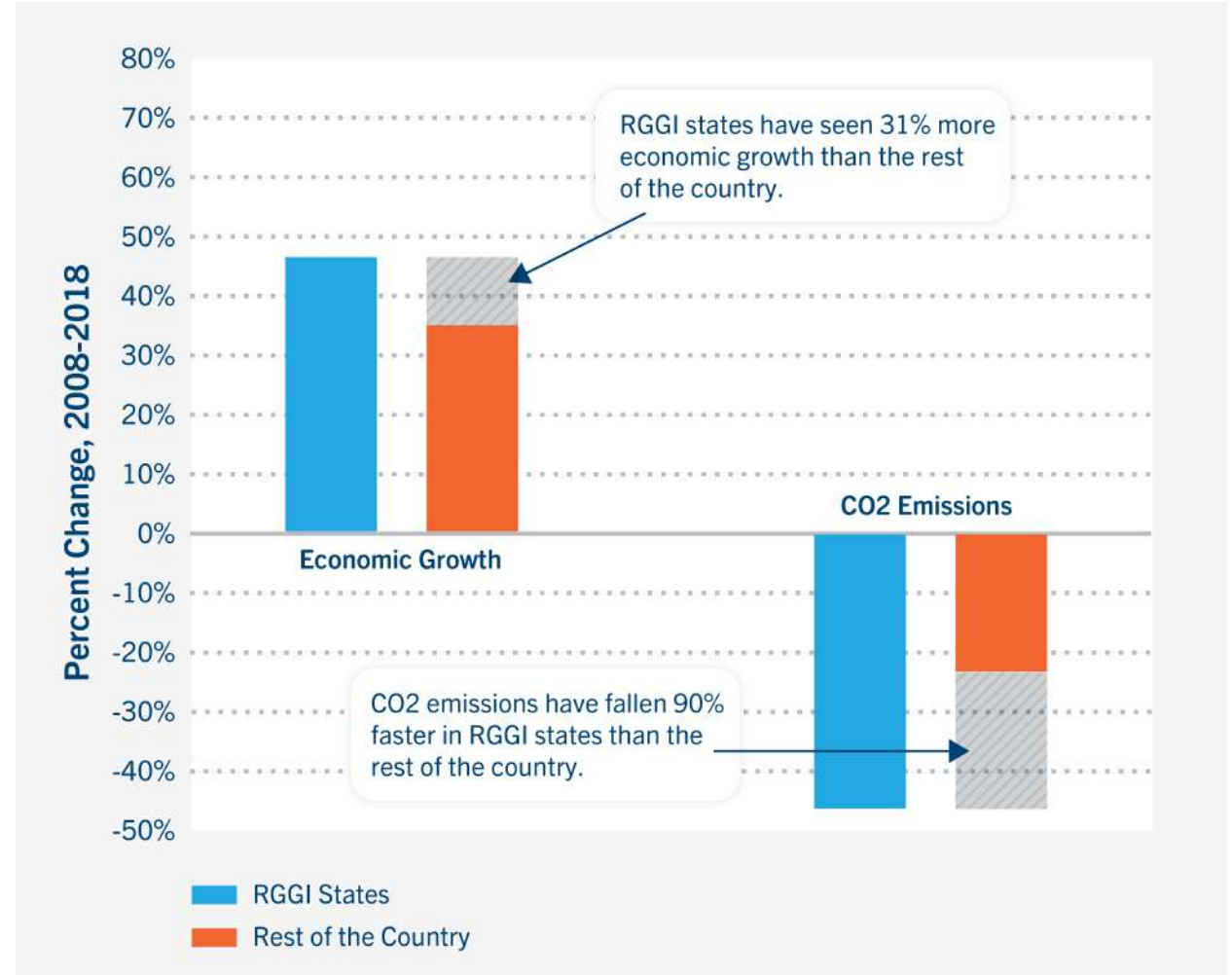
Transportation infrastructure is outdated and insufficient

Failures of our transportation system exacerbate social and environmental injustices



Building on the RGGI Model

- **Since 2008:**
 - **CO2 emissions from RGGI power plants have fallen by 47%**, outpacing the rest of the country by 90%;
 - **GDP of the RGGI states has grown by 47%**, outpacing growth in rest of the country by 31%;
 - **Electricity prices in RGGI states have fallen by 5.7%**, while prices have *increased* in the rest of the country by 8.6%.



Source: Acadia Center, [RGGI: 10 Years in Review](#), September 2019.



Stakeholders Weighing In

- **Business groups, advocates, industry and community leaders providing input**
 - State-hosted events
 - Forums organized by advocates
 - [TCI Input Forum](#)
 - Non-traditional partners finding common ground

It's true: Environmental and business groups are on the same page

By [Jon Chesto](#) Globe Staff. June 21, 2019, 8:10 p.m.



September 24, 2019



Statement of Support for the Transportation and Climate Initiative's Development of a Transportation Cap and Invest Program



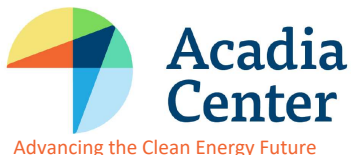
To: Leaders of the Transportation and Climate Initiative States and Region

TRANSPORTATION NEWS: COALITION OF 59 GROUPS VOICES SUPPORT FOR 12 GOVERNORS AND MAYOR OF WASHINGTON, D.C. DEVELOPING REGIONAL TRANSPORTATION & CLIMATE INITIATIVE POLICY

July 30, 2019

OUR TRANSPORTATION FUTURE

Modern. Clean. For Everyone.



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Activity in Massachusetts

- **MA TCI Table**

- **Jointly led by the Green Justice Coalition, T4MA, and Acadia Center**
- **Discussions with policy makers and transportation leaders**
- **Education + advocacy**



- **Legislative action**

- ***An Act to Advance Modern and Sustainable Solutions for Transportation, H.3008/S.2106***
- **Designates investment categories for TCI proceeds**
- **Creates stakeholder Investment Board to promote equity**

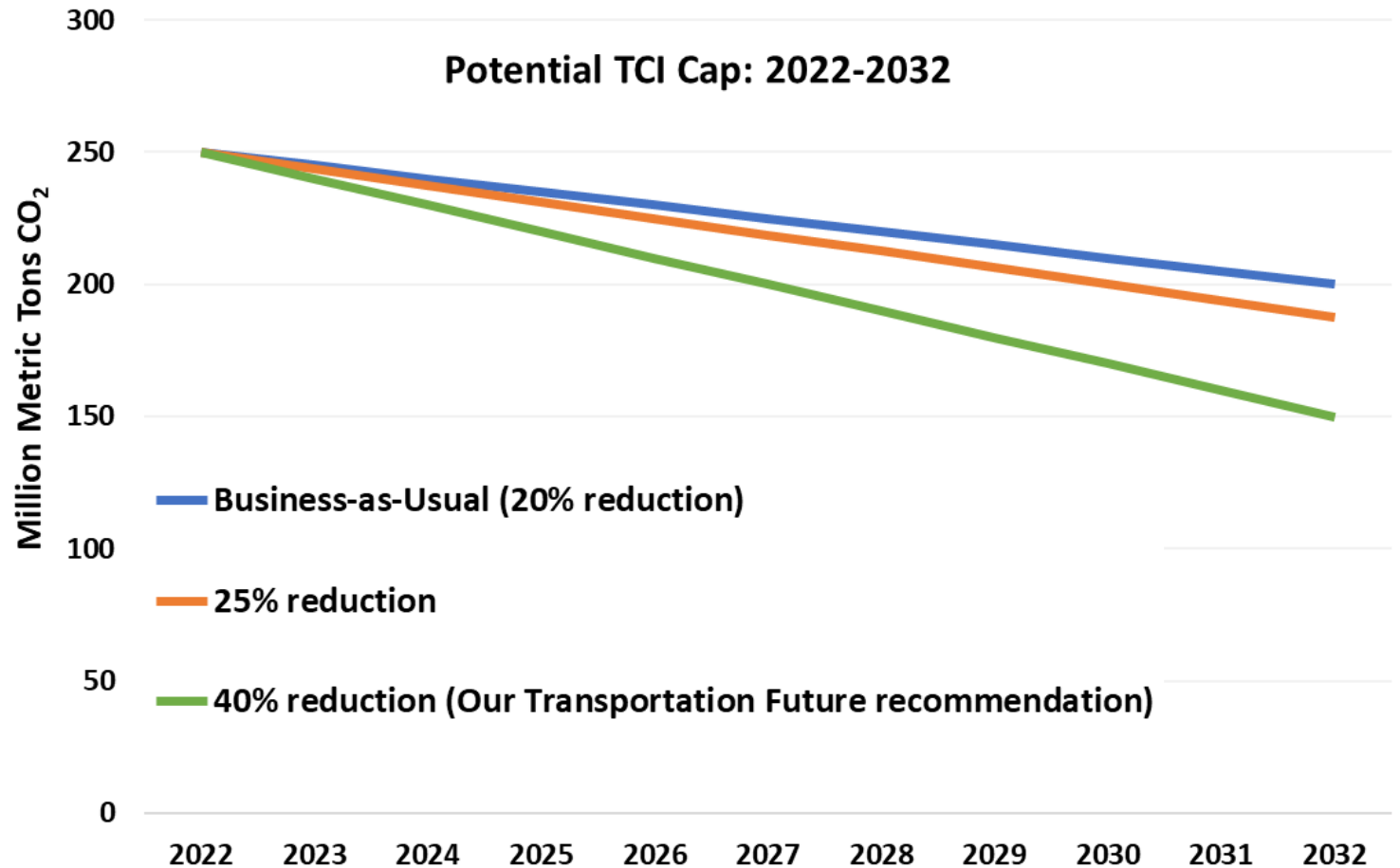




Setting the Emissions Cap

- **Cap will be set based on combination of factors:**

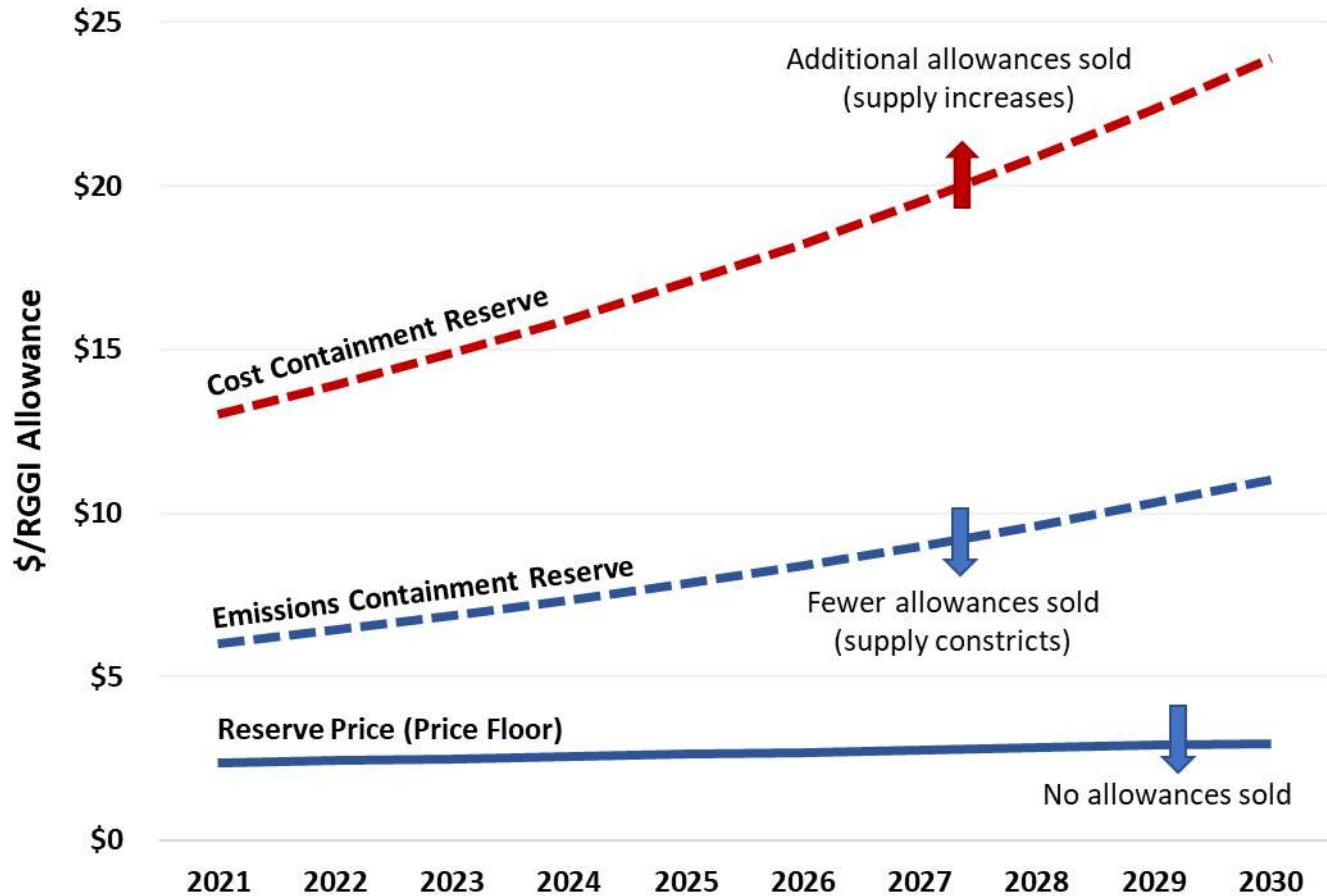
- **Climate ambition;**
- **Consumer costs;**
- **Economic impacts;**
- **Health benefits; and**
- **Multi-state consensus.**





Policy Elements for a Strong TCI Program

RGGI Price and Emissions Controls



Price and Emission Controls:

- Robust price floor
 - Preserves price signal, funds for clean transportation investment
- Emissions Containment Reserve (ECR)
 - Dynamic mechanism to secure low-cost CO₂ abatement
- Non-additive Cost Containment Reserve (CCR)
 - Draw allowances from future years (at a discount)

Periodic Program Reviews

- Evaluate and strengthen program

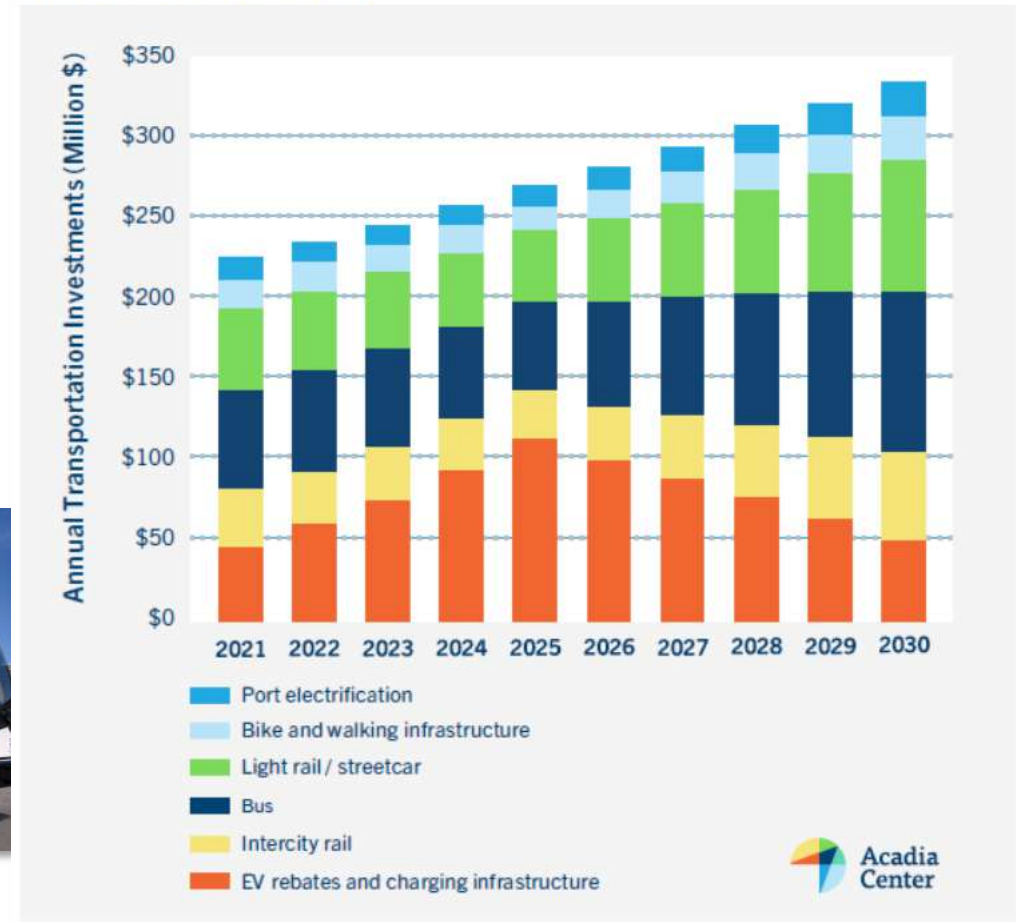


Investing in Clean, Equitable Transportation

- Proceeds invested to achieve state-specific goals
- Potential goals:
 - CO₂ reductions
 - Health benefits
 - Economic mobility
 - Access to public transportation
 - Job creation
 - Connected communities
 - Mobility for non-drivers
 - Resilient infrastructure

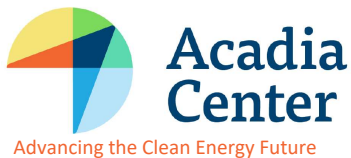


Figure 1: Sample Low-Carbon Transportation Investment Portfolio



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