



2050 Roadmap to a clean and thriving commonwealth

Rep. Joan Meschino
3rd Plymouth District



The Global Warming Solutions Act (2008)

Chapter 21N

Executive Office of Energy and Environmental Affairs

Committed to carbon emission reduction goals

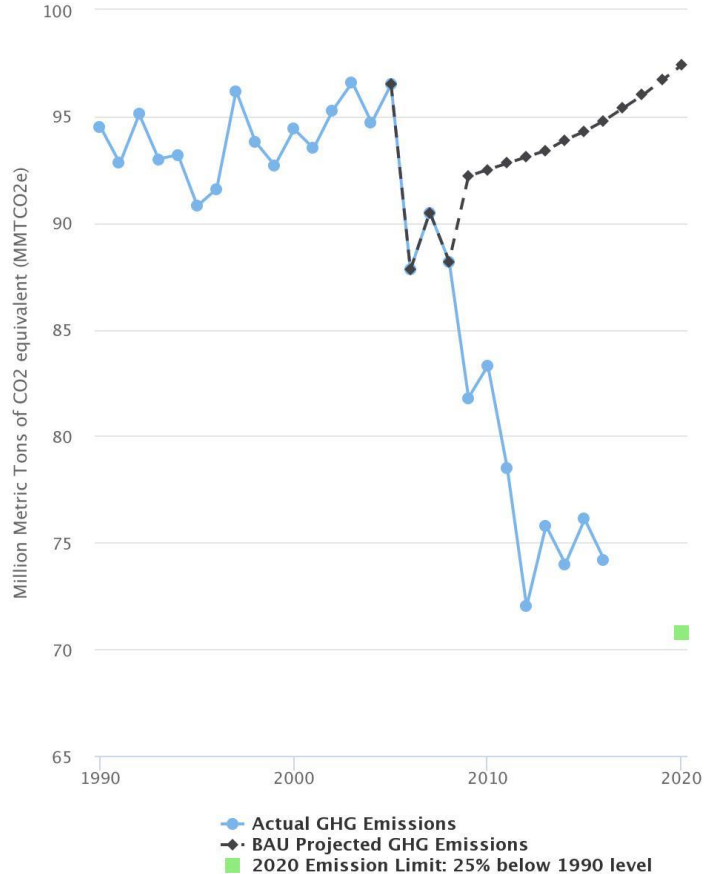
- 10% below statewide 1990 GHG emission levels by 2020
- 80% below statewide 1990 GHG emission levels by 2050

“80 x 50”

GWSA Implementation 2009 - 2019

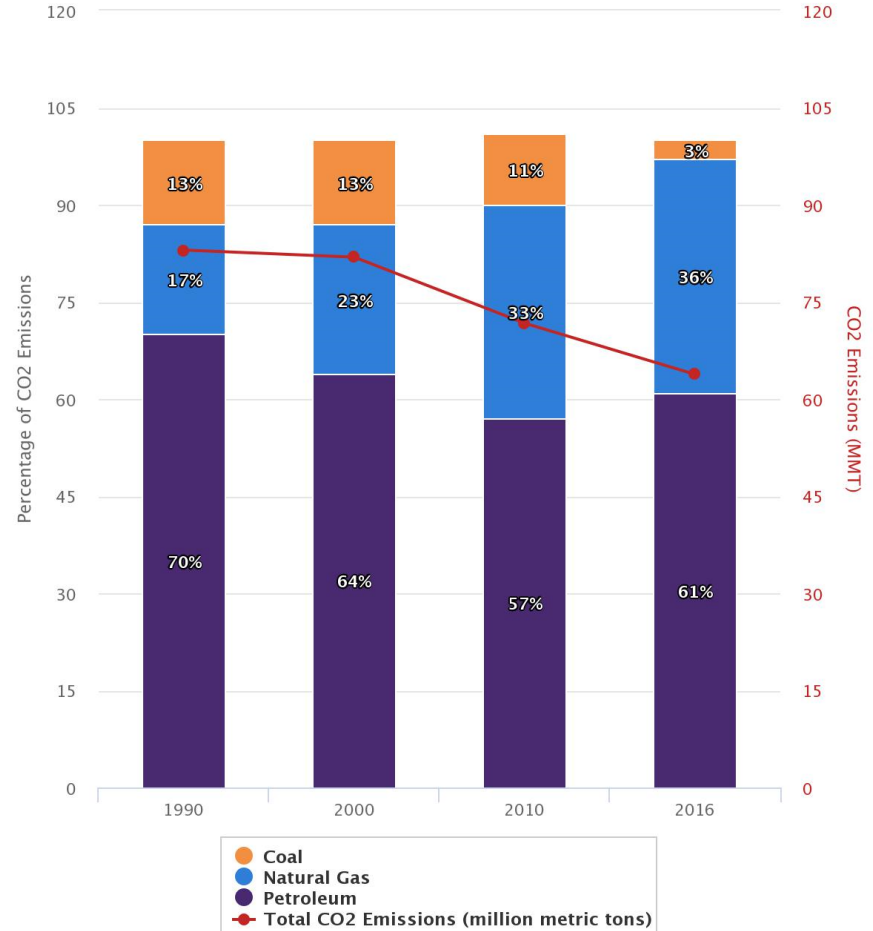
Massachusetts GHG Emissions, Business-As-Usual (BAU) Projection, and 2020 Emission Limit

Source: MassDEP. Massachusetts Annual Greenhouse Gas Emissions Inventory: 1990 through 2016

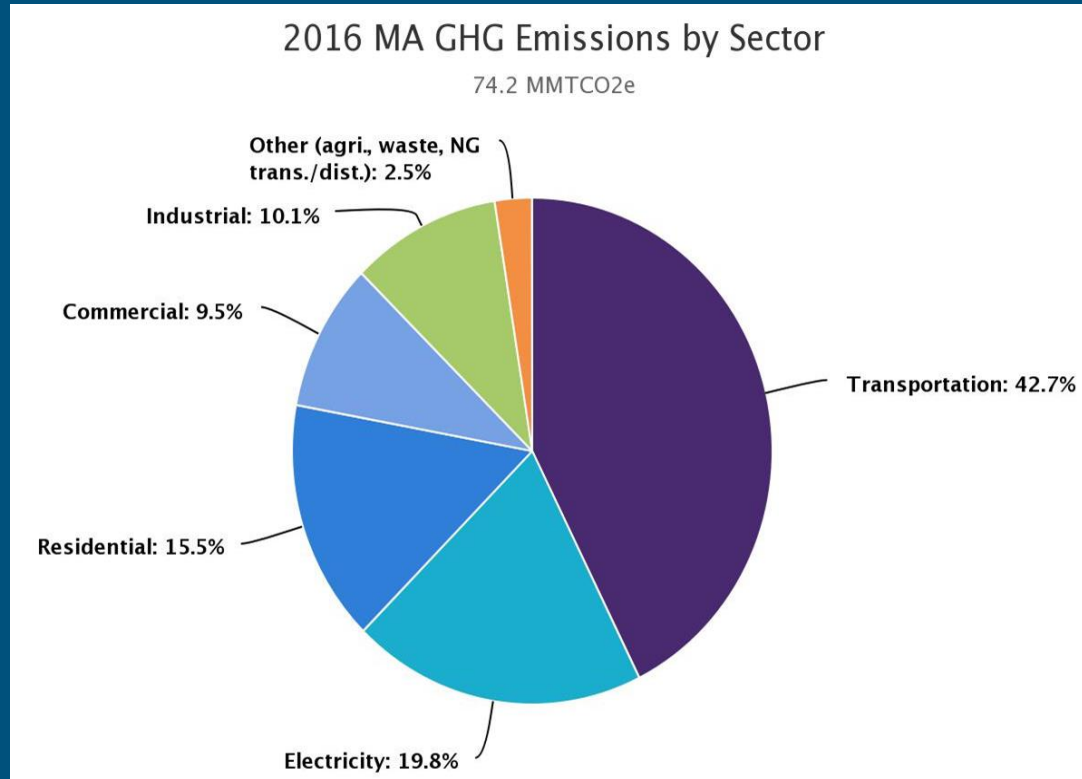


MA CO₂ Emissions by Fuel Combusted

(86% of Total GHG Emissions)



More than just energy



2050 Roadmap to a clean and thriving Commonwealth (H.3983)

Reset 2050 reduction target to Net-Zero

Create a plan - Intentional, people-centered

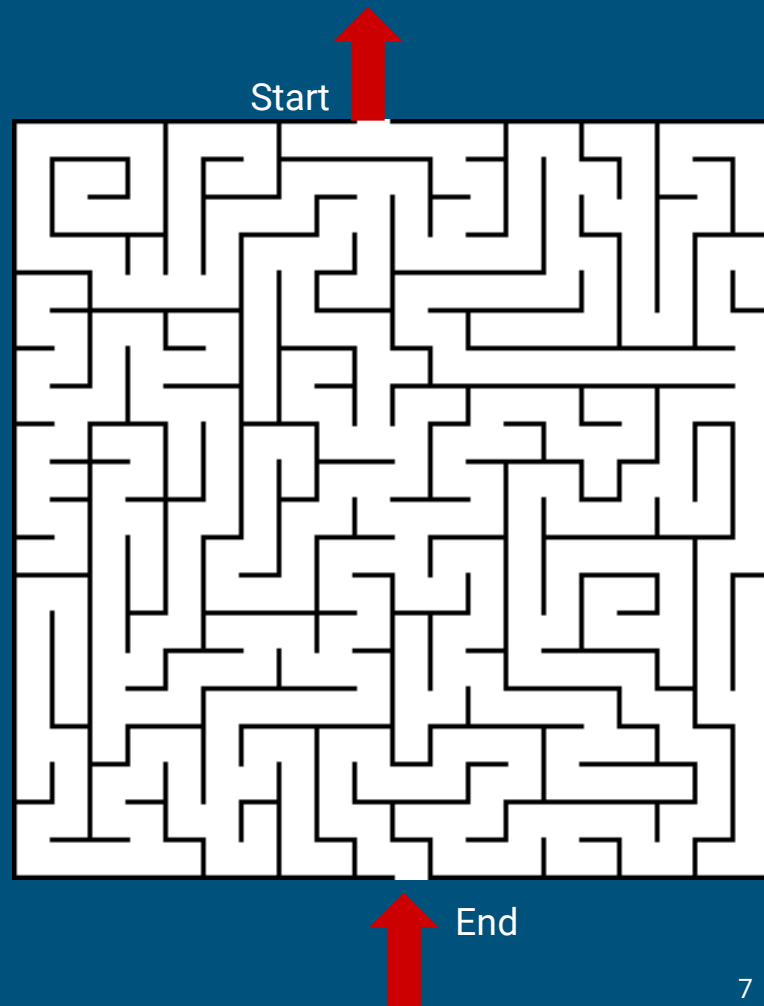
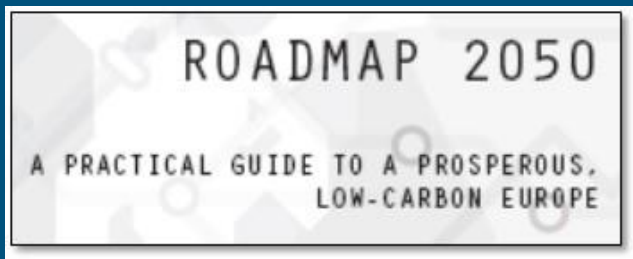
Engage across all sectors

Multiple pathways

Robust reporting and accountability

Intentional Planning

- Backcast Analysis: work back from the end goal to define pathways to get there
- Multiple pathways



People-centered plan

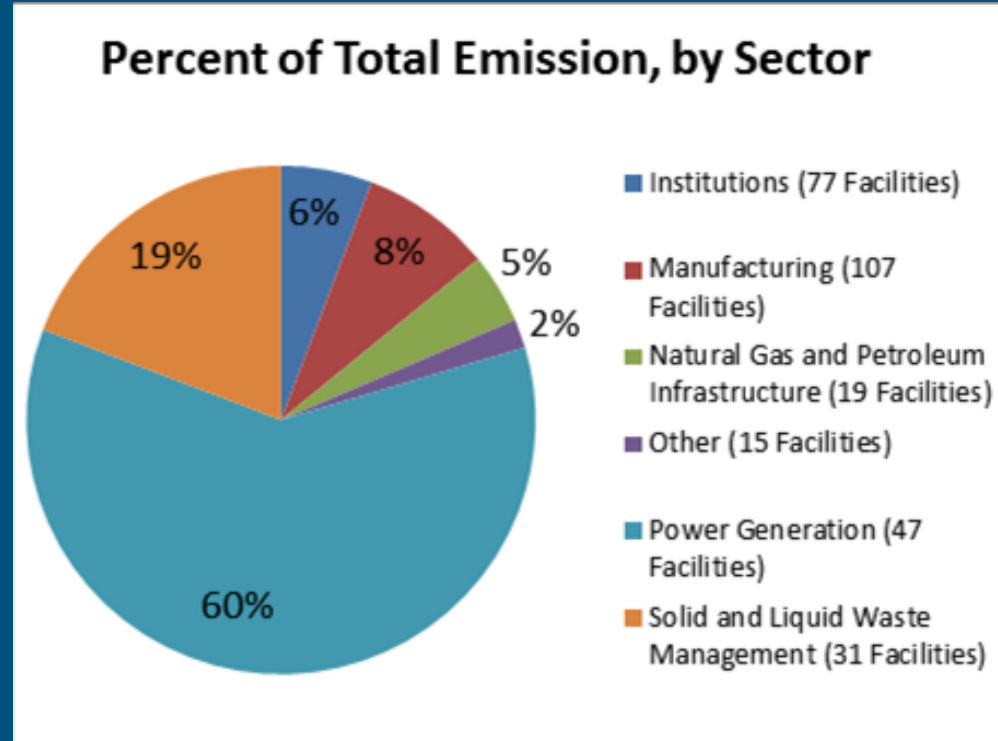
- Backcast analysis lens
 - Low-cost, job-creating, equitable, public
- 2050 Roadmap plan
 - Comprehensive, all-sector
 - Issue first by Dec. 31 2021, then update every 30 months
- Environmental Justice

Transparency and Accountability

- Adopt strong 2030 and 2040 emissions limits
- Require comprehensive 2050 regulations
 - To implement the plan
 - by Dec. 31, 2022
- Require annual GWSA implementation progress reports

Implementation

- Market-based compliance mechanisms
- Fee on top carbon-emitters
- Municipal Light Plants
- Section 3(d) sunset



Advocacy strategy and Legislative status

Key stakeholder engagement

2050 Roadmap (H.3983) Pending in House Ways & Means

State of Commonwealth – Governor committed to “net-zero” target

Speaker – committed to “net-zero” target

Senate President – Next Generation climate change bills

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