

# Implementing Governor Baker's Integrated Strategy on Climate Change



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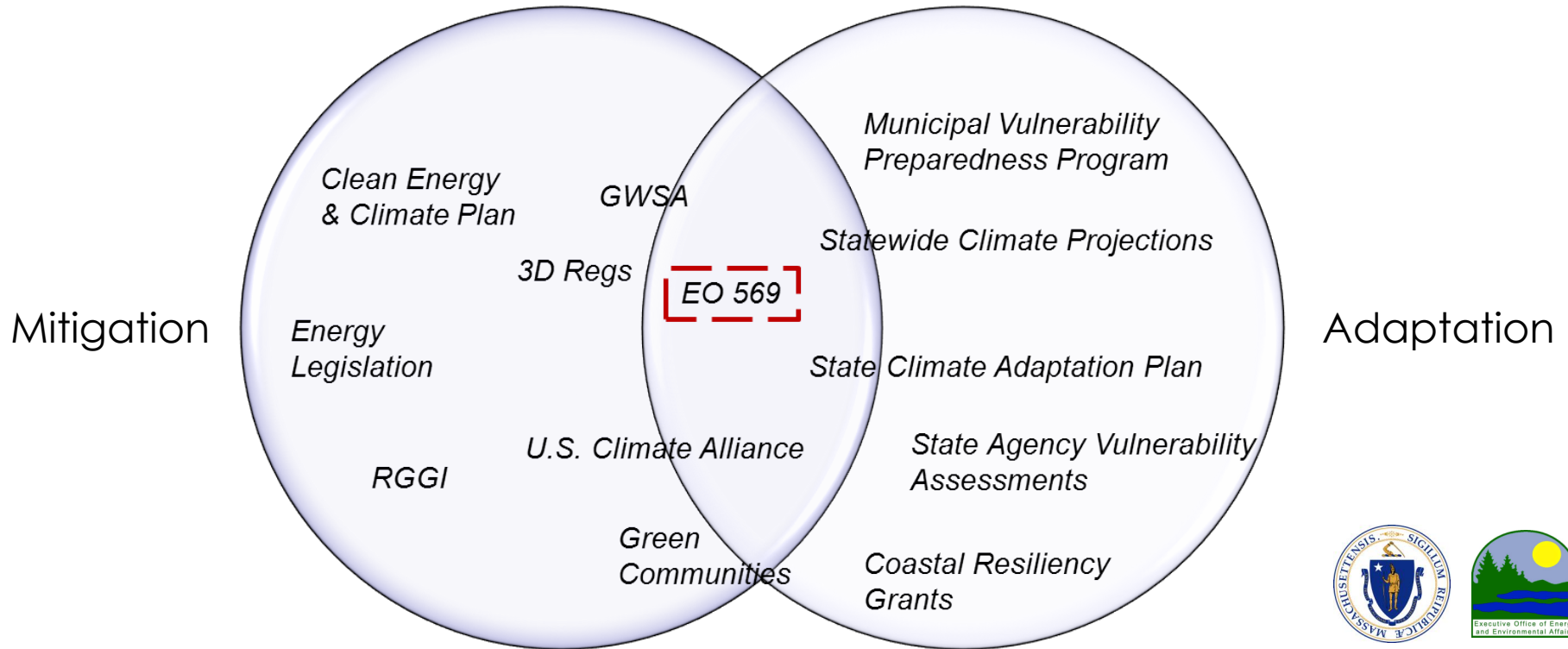
CFA Society Boston and Trillium Asset Management  
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# Lead the nation in reducing greenhouse gas emissions and safeguarding the Commonwealth from the impacts of climate change

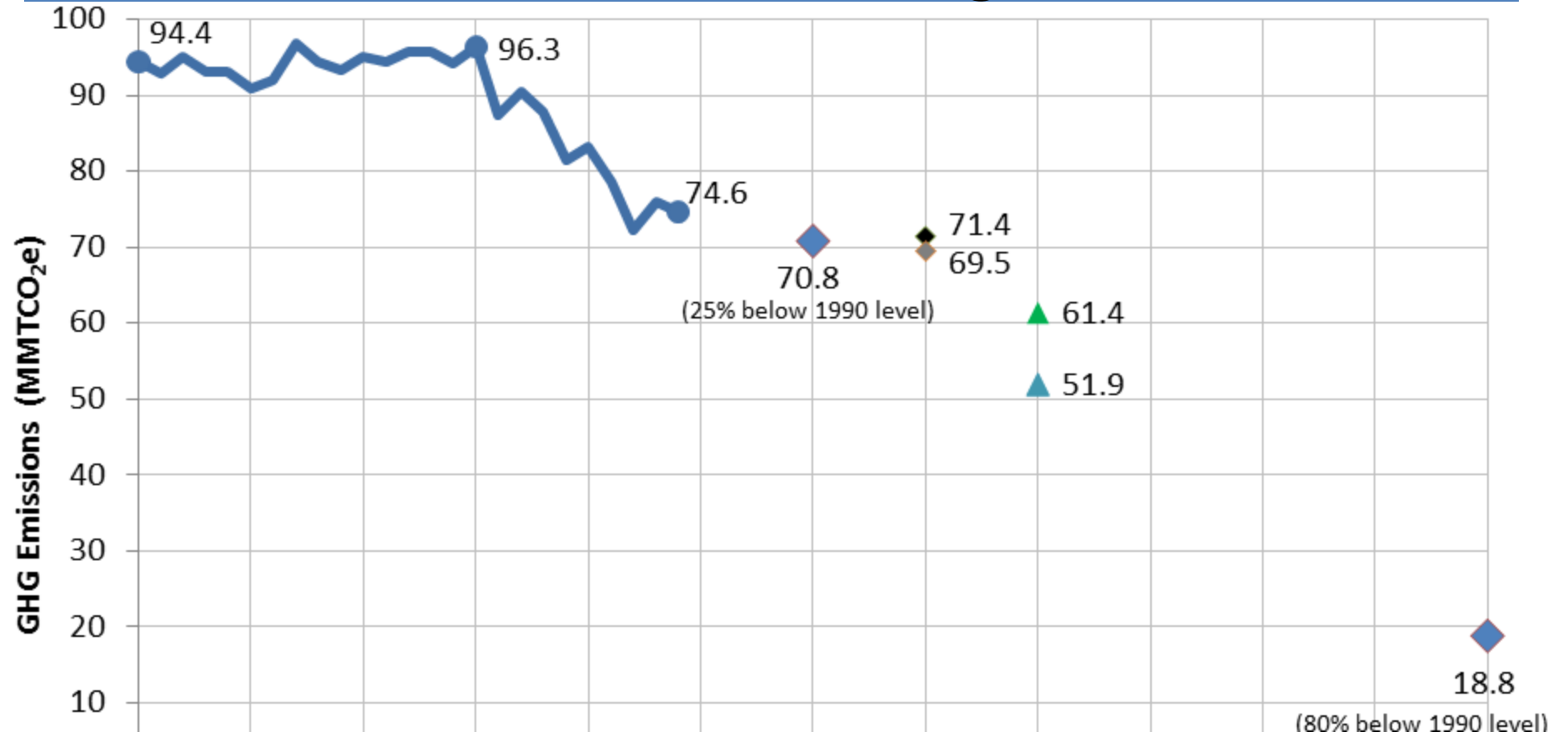


# EXECUTIVE ORDER 569: AN INTEGRATED CLIMATE CHANGE STRATEGY FOR THE COMMONWEALTH



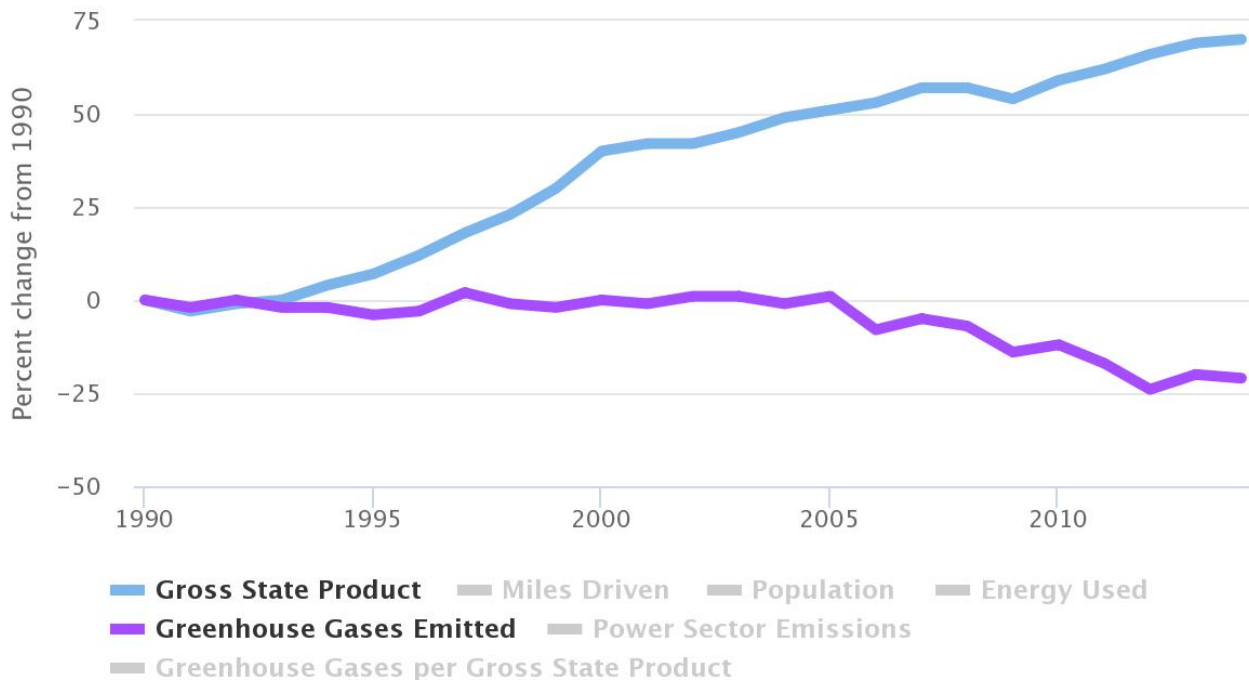
- Reducing greenhouse gas emissions to combat climate change
- Protecting life, property, natural resources and our economy from the impacts of climate change
  - State Plan
  - Agency Vulnerability Assessments
  - Municipal Support
  - Climate Coordinators

# Risk Management Strategy #1: Mitigate to Avoid the Unmanageable



# Climate goals and a growing economy

Source: MassDEP



## Strategy #2: Adapt to manage the unavoidable



- Institutional capacity
- State Adaptation Plan
- Data and Science
- State Agency Assessments
- Municipal-State Partnerships

Winter Storm "Juno," January 2015,  
Scituate, MA.

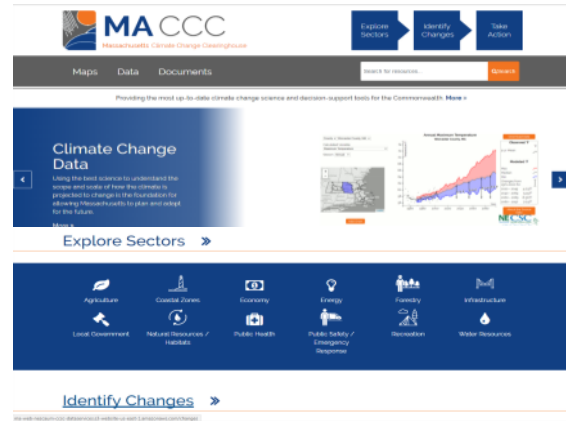
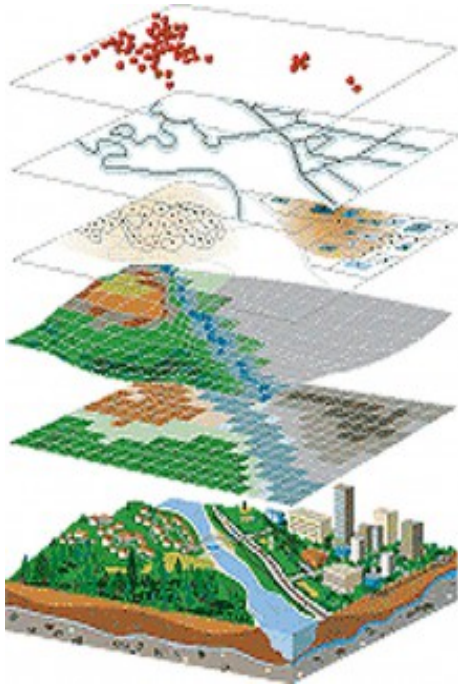




# Massachusetts State Hazard Mitigation and Climate Adaptation Plan

- [www.resilientma.com](http://www.resilientma.com)
- **Integrated Plan:** First in the nation Climate Adaptation and Hazard Mitigation plan
- **Mainstreaming climate change:** Incorporating climate change into current planning, budgeting, and policy frameworks

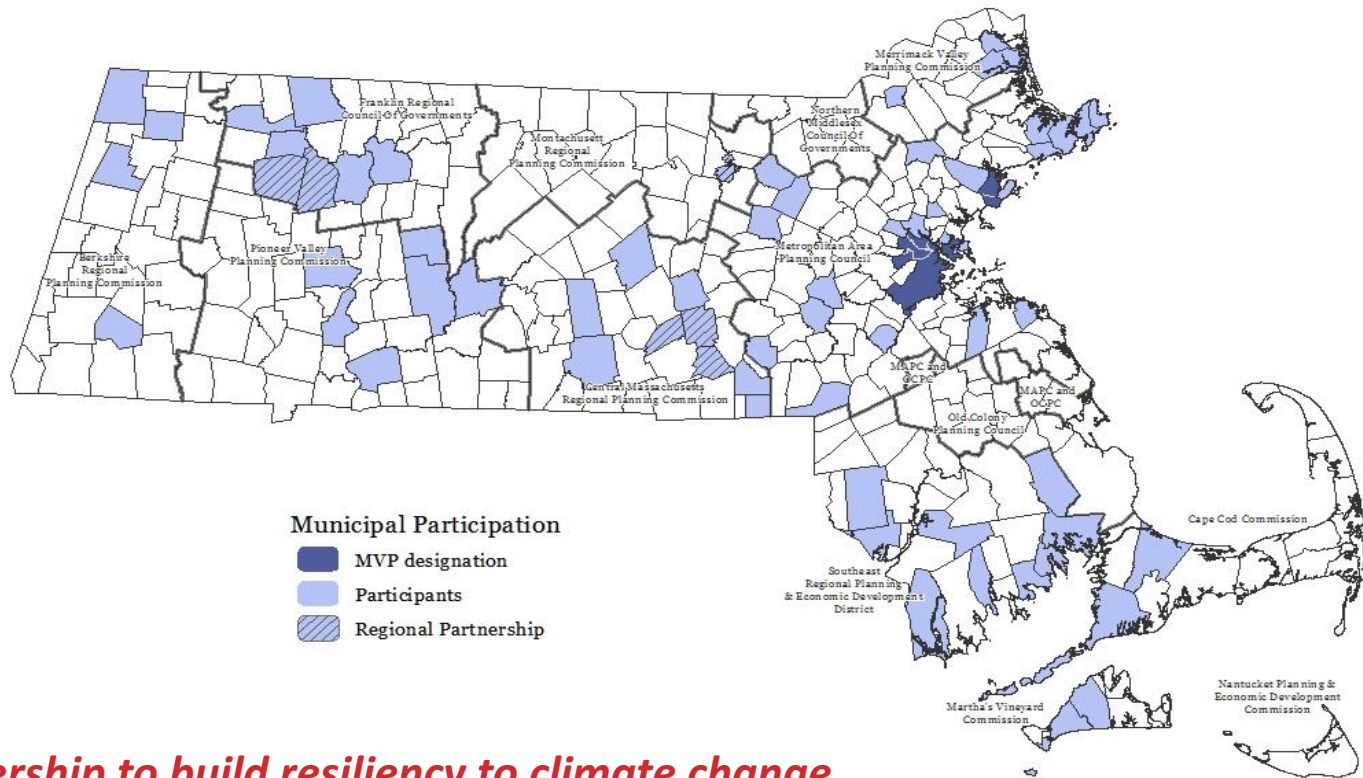
# Data Management: Science Is the Cornerstone



- Open access, statewide coverage of localized climate data through Northeast Climate Science Center
- Feedback from stakeholders to identify key metrics
- Climate data informs decision-making and forms the basis for understanding vulnerability and risk in state plan, MVP process, and vulnerability assessments

# Municipal Vulnerability Preparedness (MVP)

2017-2018



*State and local partnership to build resiliency to climate change*

1. Engage Community

2. Identify CC impacts and hazards

3. Complete assessment of vulnerabilities & strengths

4. Develop and prioritize actions

5. Take Action

# MVP Principles

- **Community-led process** that employs local knowledge
- **Accessibility**
- **Partnerships** and leveraging existing efforts
- **Mainstream** climate change
- **Communities** as local innovators
- **Frame** coordinated statewide efforts.



## Community Resilience Building WORKSHOP GUIDE







# Overview of the Process (Steps & Tasks)

DURING WORKSHOP

## A Prepare for the Workshop

- 1 Establish a core team with goals.
- 2 Engage stakeholders.
- 3 Prepare materials for workshop.
- 4 Decide on participant arrangements.

## B Characterize Hazards

- 1 Identify past, current, and future impacts.
- 2 Determine the highest-priority hazards.

## C Identify Community Vulnerabilities and Strengths

- 1 Identify infrastructural vulnerabilities and strengths.
- 2 Identify societal vulnerabilities and strengths.
- 3 Identify environmental vulnerabilities and strengths.

## D Identify and Prioritize Community Actions

- 1 Identify and prioritize infrastructural actions.
- 2 Identify and prioritize societal actions.
- 3 Identify and prioritize environmental actions.

## E Determine the Overall Priority Actions

- 1 Identify highest-priority actions.
- 2 Further define urgency and timing.

### Community Components



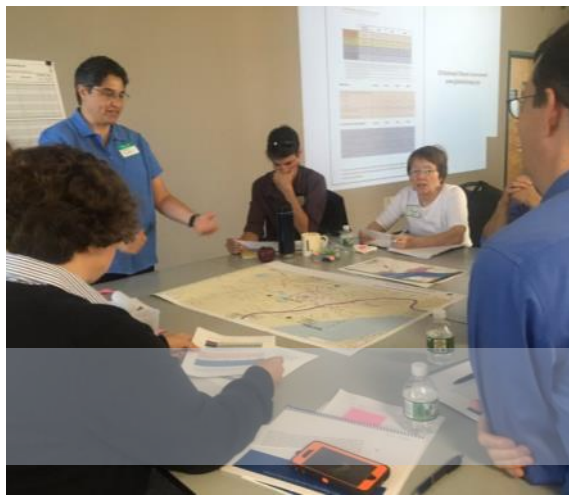
Infrastructural



Societal



TNC and EEA  
trained over 280  
state certified  
MVP service  
providers in fall  
of 2017



# MVP Program Requirements

- A **signed letter of support** from the chair of the board of selectmen, mayor, a town administrator, or similar city or town official;
- A **short statement of the community's commitment** to taking on this grant and planning for the impacts of climate change;
- The name **local project manager** and point of contact for the grant;
- A summary of **community support** and any project partners
- A description of any **ongoing planning efforts** such as local hazard mitigation plans, open space plans, master plans, etc.;
- A description of any **ongoing climate-change related projects** within the community or region;

# Maintaining Designation

Each municipality must provide the Commonwealth with a yearly progress report outlining the steps they have taken towards implementing their priority actions. Steps may include (but are not limited to):

1. applying for grant funding
  2. working to implement local changes to policies or bylaws
  3. updating existing local plans using the outcomes of the workshop, etc.
- A progress report template will be provided to the municipality to help them complete this requirement.



# Next Round: Spring 2018

<https://www.mass.gov/municipal-vulnerability-preparedness-program>

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