

# *Going Green: How the MBTA* **is Taking Climate Action**



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In the MetroCommon 2050 goal, Inclusive Growth and Mobility, we outline our recommendations focused on investing and expanding our public and active transportation systems in order to support more affordable, reliable, and safer connections to jobs and homes.

# Panel of Speakers:

**Lynsey Heffernan,**

Chief of Policy and Strategic Planning, MBTA

**Kat Eshel,**

Senior Director of Climate Policy and Planning, MBTA

**Caroline Bean,**

Director, Climate and Sustainability Planning, MBTA

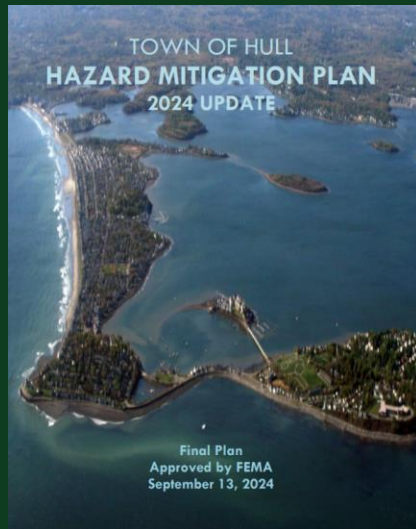
**Eric Bourassa,**

Transportation Director, MAPC

**Julia Wallerice,**

Assistant Director of Transportation, MAPC - *Moderator*

# MAPC's Climate Resilience and Decarbonization Planning



- ❖ MAPC takes an interdisciplinary approach to climate work, involving multiple departments: Clean Energy, Public Health, Environment, Transportation, Land Use and Housing.
- ❖ We support cities and towns to develop and implement comprehensive clean energy and climate plans, hazard mitigation plans, climate resilient design standards, extreme heat mitigation, coastal flood plans, electrification of municipal fleets and personal vehicles, and more!
- ❖ We also work on statewide policy to transition the region to clean energy supply, to electrify our mobility systems, and to ensure that buildings are electrified, highly energy efficient, and affordable.

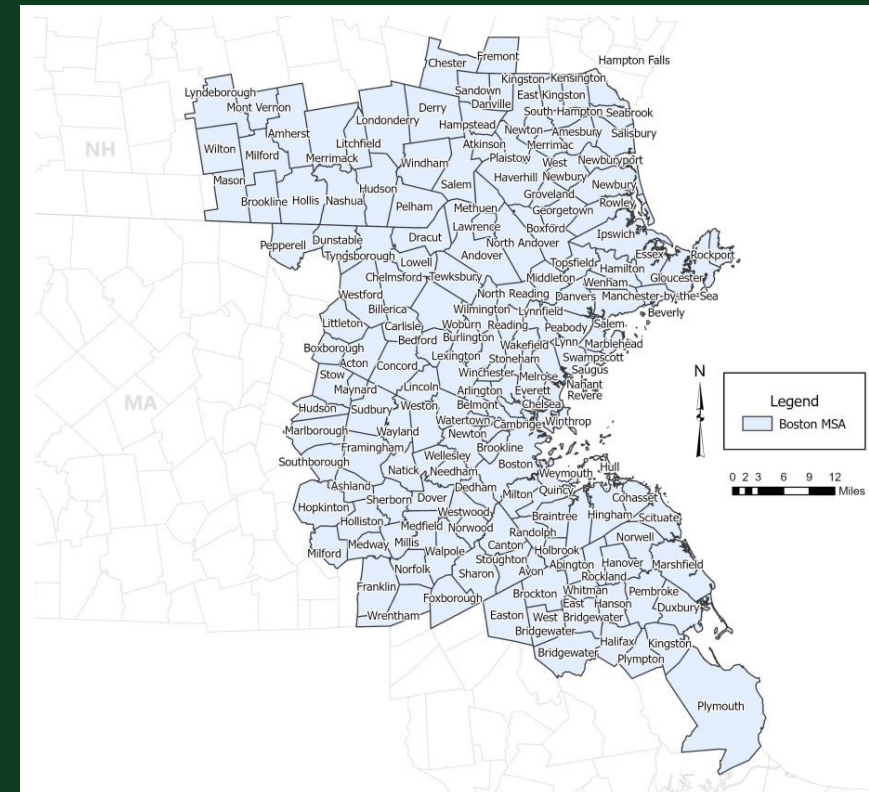




# Greater Boston Climate Action Plan

- ❖ MAPC is developing the first-ever regional climate action plan to reduce climate pollution across 167 communities in Eastern Mass and Southern New Hampshire.
- ❖ With support from EPA, the **Comprehensive Climate Action Plan (CCAP)** will set regional emission reduction goals for 2030 and 2050 and develop local and regional implementation-ready strategies.
- ❖ We invite municipalities and community-based partners to get involved! Our engagement for this phase kicks off this fall.

<https://www.mapc.org/planning101/mapc-partners-developing-priority-actions-reduce-carbon-pollution-across-region/>



# MAPC Climate Resilience Research and Tools

- ❖ Land Surface Temp Index mapped for region and entire state by RPA EEA Resilient MA Map Viewer
- ❖ Heat in schools' policy - [Addressing Extreme Heat and Air Quality in Schools \(mapc.org\)](#)
- ❖ Heat maps done in partnership with [Wicked Hot Mystic](#) (2021) and [Metro West Heat Watch](#) (2023) based on volunteer science collected data
- ❖ Water, Water, Everywhere Report (2023) [Stormwater Flooding Resources – MAPC](#)
- ❖ Resilient Land Use Toolkit (2021, updated 2024)- [Climate Resilient Land Use Strategies – MAPC](#)
- ❖ Resilient, Sustainable and Affordable Design Standards Guidelines (2023) [Sustainable-Design-Guidelines-Template\\_FINAL.pdf \(mapc.org\)](#)
- ❖ Social Determinants of Health and Extreme Heat research briefs (2022) [Climate and Health – MAPC](#)
- ❖ Climate liaisons/Community Corps- [C3 Climate Readiness Project – MAPC](#)

