



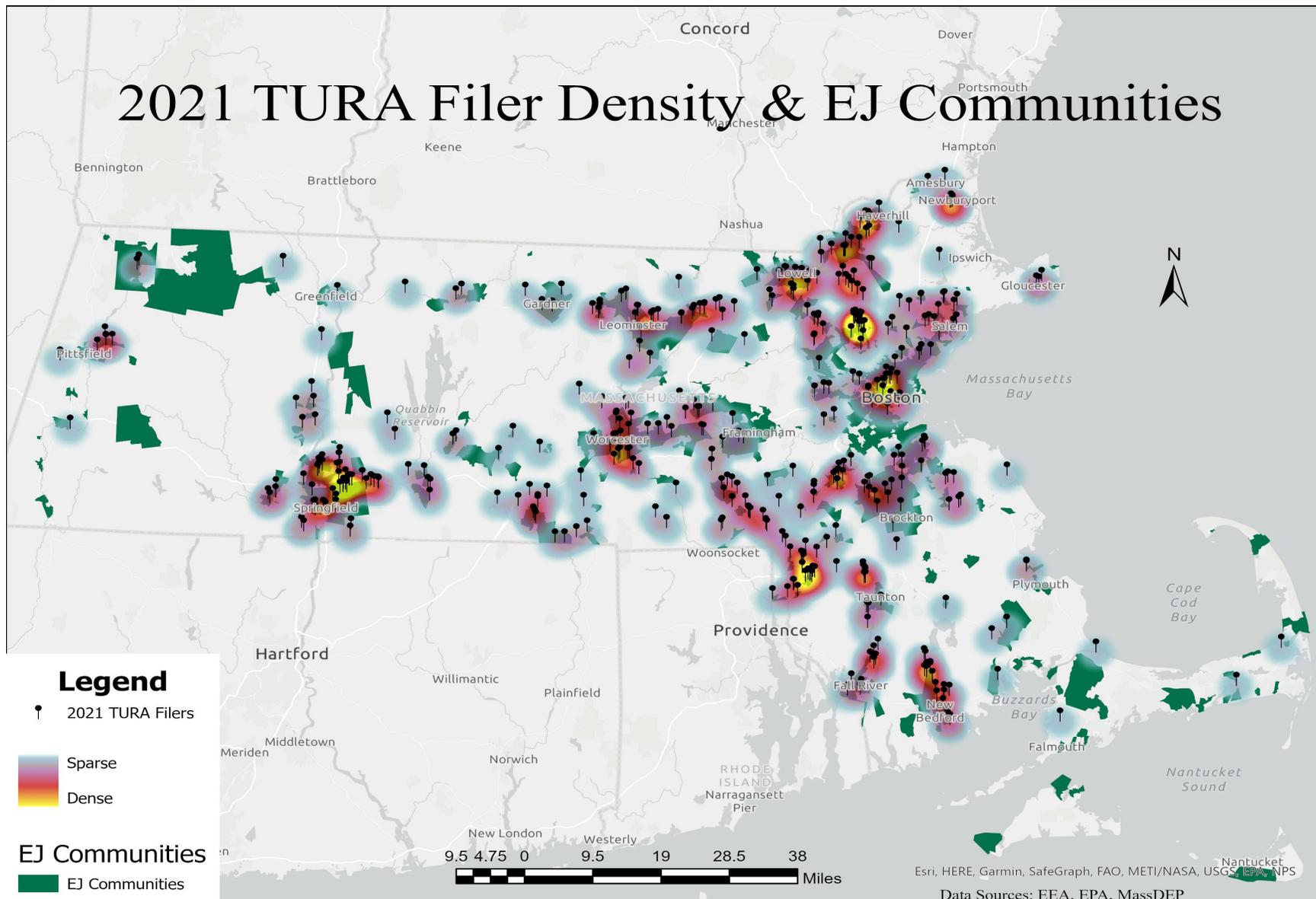
# Operationalizing Environmental Justice Through TUR Planning

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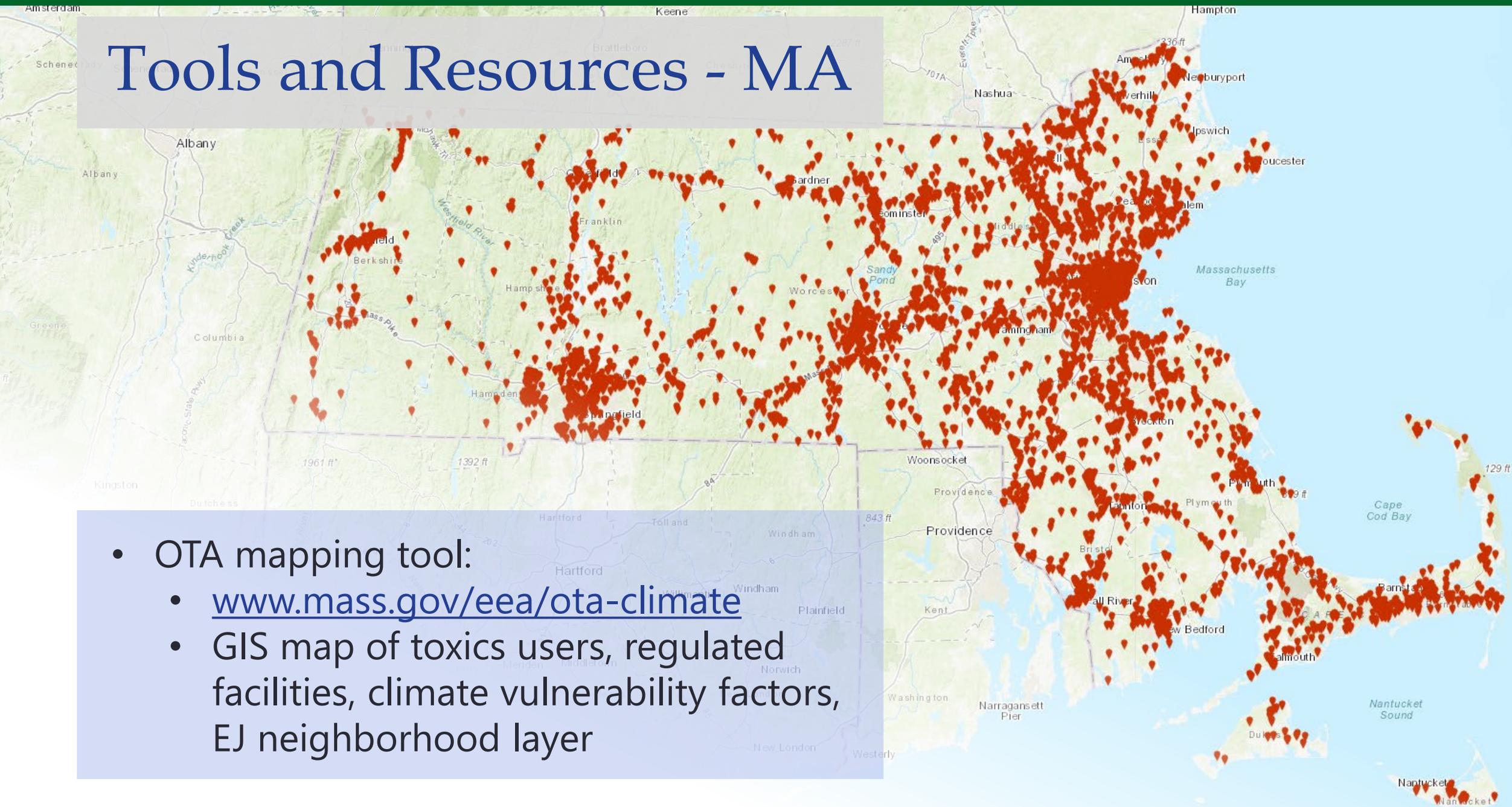
TURI CE Conference  
April 9, 2024

# TURA Filer Density and Environmental Justice



# Tools and Resources - MA

- OTA mapping tool:
  - [www.mass.gov/eea/ota-climate](http://www.mass.gov/eea/ota-climate)
  - GIS map of toxics users, regulated facilities, climate vulnerability factors, EJ neighborhood layer



# Using OTA's Mapping Tool: Live Demo

**OTA** Massachusetts Toxics Users and Climate Vulnerability Factors

Find address or place

**Boundaries**

**Layers**

- Regional Planning Agencies
- State House of Representatives Districts
- State Senate Districts
- Municipalities
- MA 2020 Environmental Justice Block Groups

Minority: the block group minority population is  $\geq 40\%$ , or the block group minority population is  $\geq 25\%$  and the median household income of the municipality the block group is in is  $< 150\%$  of the Massachusetts median household income

Income: at least 25% of households have a median household income 65% or less than the state median household income

Language isolation: 25% or more of households do not include anyone older than 14 who speaks English very well

Minority and Income

Minority and English isolation

Income and English isolation

Minority, Income and English isolation

**OTA Mapping Tool**

# Additional Mapping Tools

## Massachusetts

- [MassDEP Cumulative Impact Analysis](#)

**About** ✕

 **MassDEP**  
Commonwealth of Massachusetts  
Department of Environmental Protection

This application is designed to help air permit applicants prepare an assessment of existing community conditions as required by proposed cumulative impact analysis regulations 310 CMR 7.02(14). The application allows applicants to specify a location and gather data on EJ block groups within a specified radius around their proposed project. MassDEP has developed draft guidance on how to use the application available at: [MassDEP Cumulative Impact Analysis in Air Quality Permitting website](#).

For questions please

MA DPH Environmental Justice Tool

Map How-to

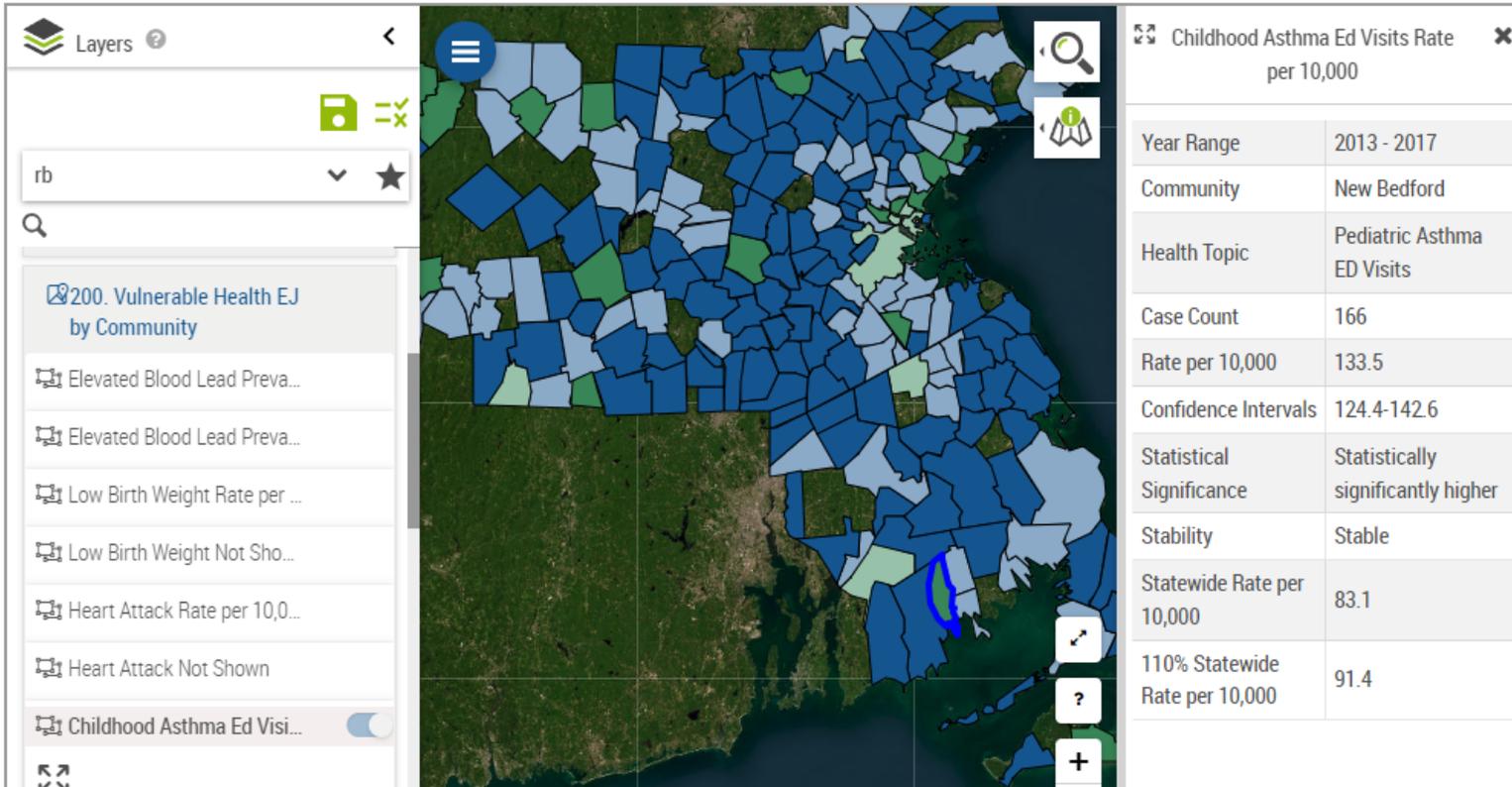
Buffer Selection Tutorial

Map Glossary



Custom Mapping

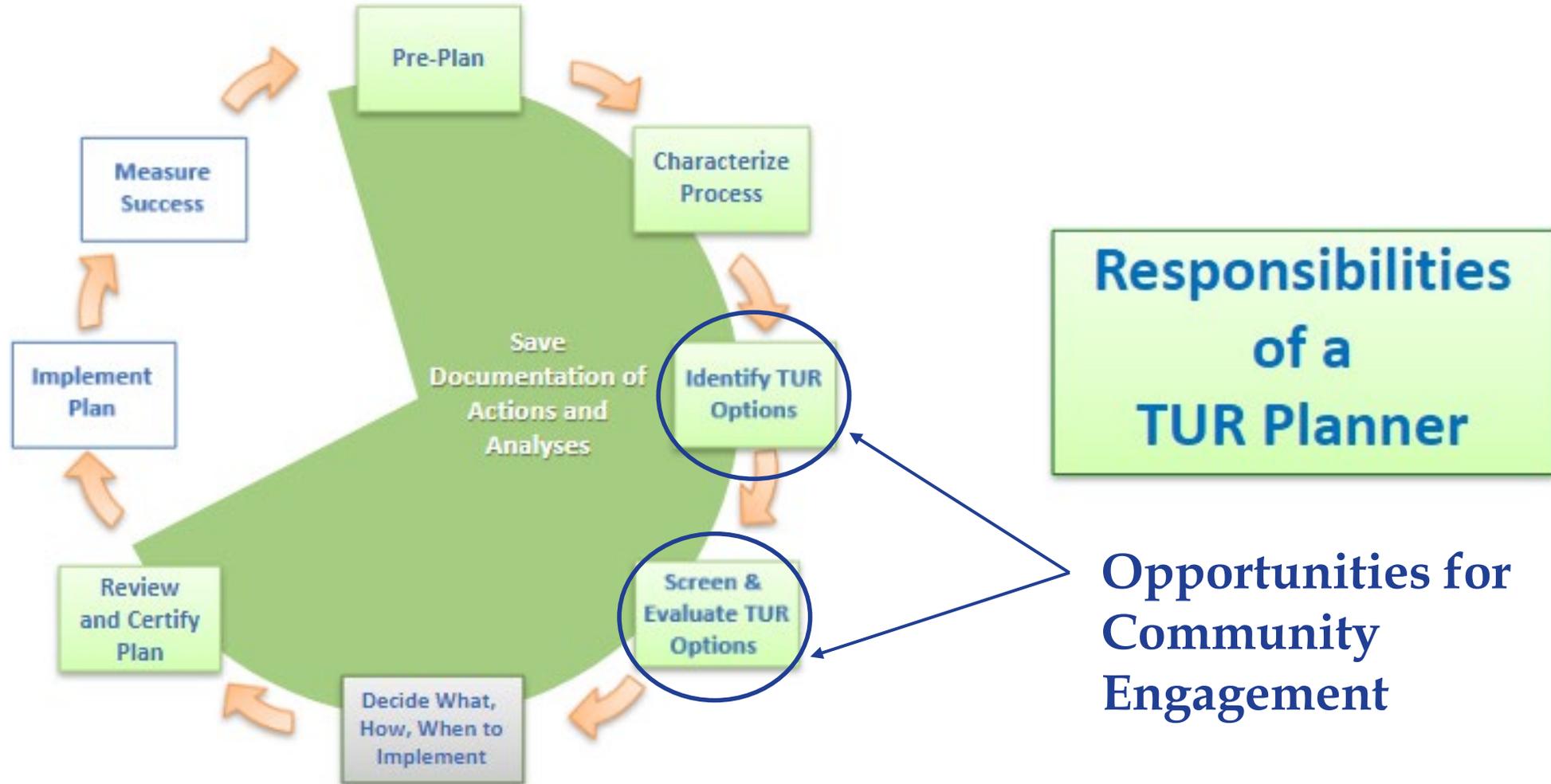
The "Vulnerable Health EJ by Census Tract" data layers are in the process of being updated to 2020 Census Tract boundaries. The "Vulnerable Health EJ by Census Tract" data layers currently displayed, are mapped to 2010 Census Tract boundaries. If you have any questions, please email us at [DPH-MA-EPHT@mass.gov](mailto:DPH-MA-EPHT@mass.gov).



# Additional Mapping Tools

- [Massachusetts Department of Public Health Environmental Justice Mapping Tool](#)

# The TUR Planning Cycle

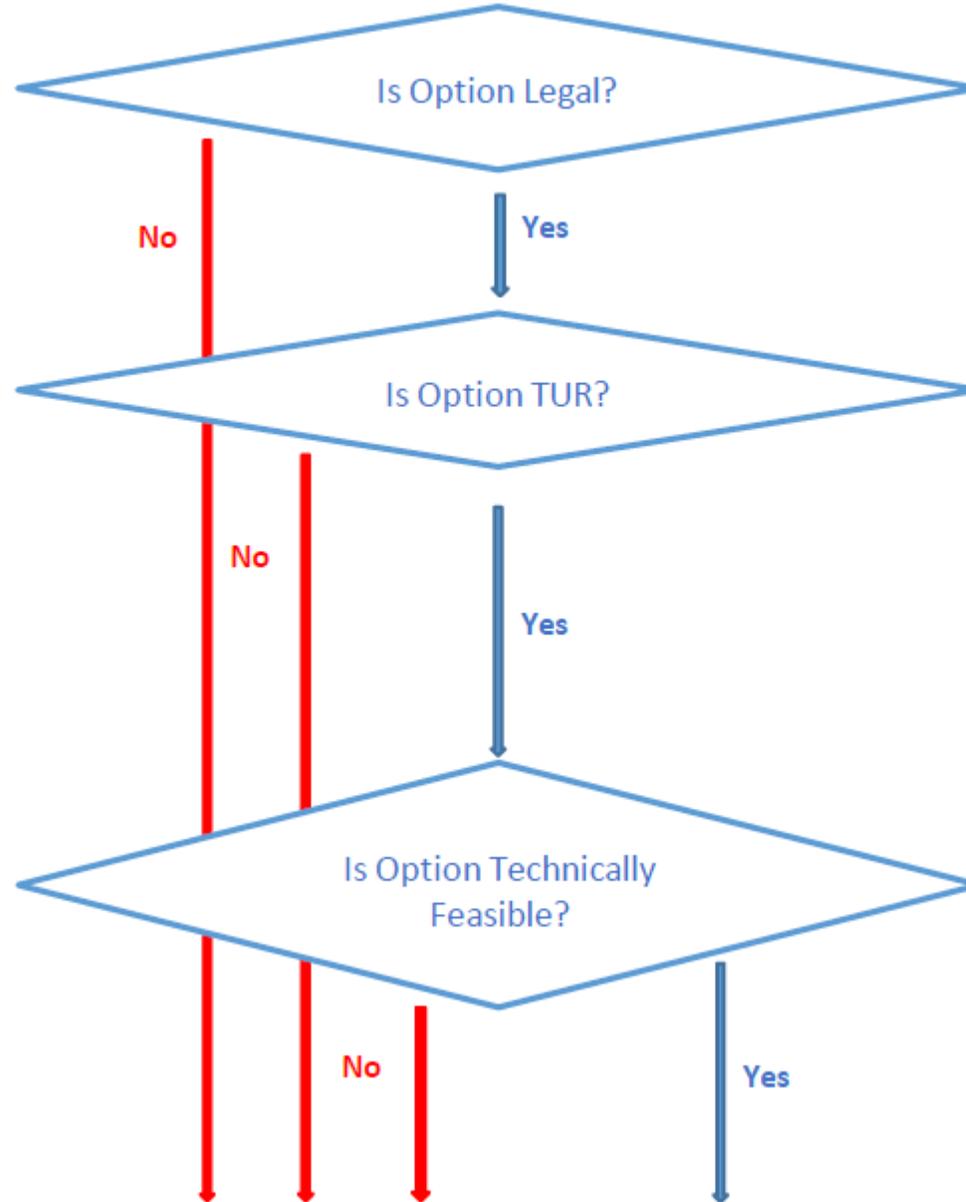


*Regulatory Citations*

310 CMR 50.46  
(1)(c)

310 CMR 50.10  
and MGL c 21I,  
§2

310 CMR 50.46  
(2)



*Questions to Consider*

- Will implementation of option violate any other law/regulation?

- Is it one of 6 TUR techniques?
- Is the substitute less toxic?
- Does it avoid shifting the risk?
- Is it likely to reduce use or byproduct per unit of product?

- Do you have enough information to complete the evaluation?
- Does technology exist?
- Is it reliable and stable?
- Does it work at production scale?
- Will it impact product quality?
- Can specifications be met?
- Is there sufficient physical space?
- Are worker skills adequate?
- Is training required and possible?
- Are there other limiting technical issues?

# Contact Us

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