

# Wellesley Climate Action Plan



## Climate change impacts our community and requires urgent action



Heat waves  
& drought



Increase in asthma &  
insect-borne illness

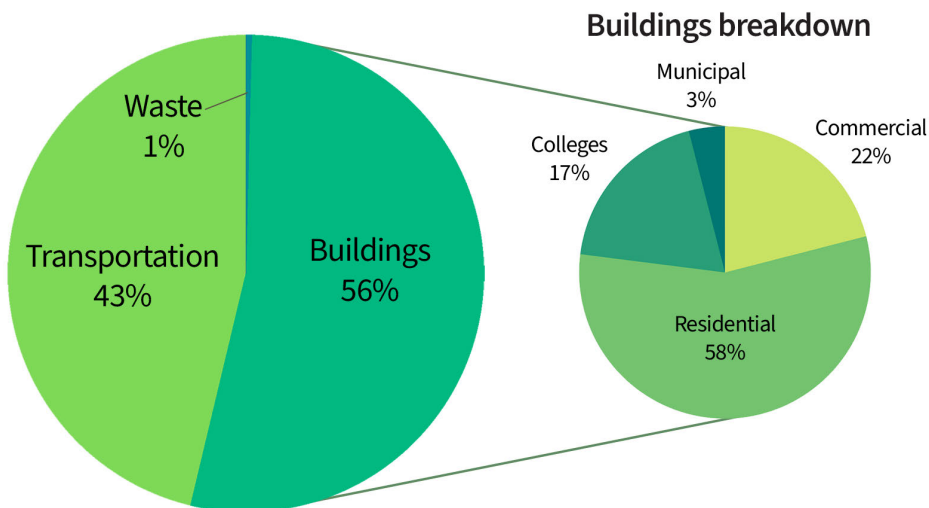


Extreme weather  
& flooding



Biodiversity loss &  
ecosystem change

## Sources of Wellesley's greenhouse gas emissions



*Carbon dioxide (CO<sub>2</sub>) makes up the majority of greenhouse gas emissions.*

## Our goal: net-zero by 2050

The Climate Action Plan engages the community, sets goals for greenhouse gas emissions reduction, defines and prioritizes actions, and creates a blueprint for building resilience and achieving net-zero emissions by 2050.



Learn more

[WellesleyMA.gov/ClimateAction](https://WellesleyMA.gov/ClimateAction)



Sign-up for news

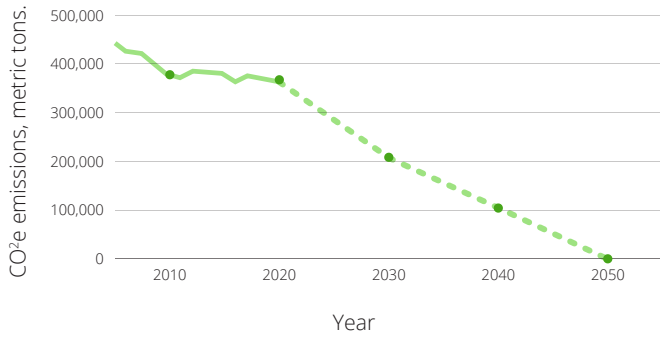
[ClimateAction@WellesleyMA.gov](mailto:ClimateAction@WellesleyMA.gov)



Attend

[WellesleyMA.gov/ClimateAction/Events](https://WellesleyMA.gov/ClimateAction/Events)

## Our goal: net-zero by 2050



Future benchmarks based on United Nations IPCC recommendations.

## Progress in Wellesley...

**25%** reduction in town-wide greenhouse gas emissions since 2007

**49%** carbon-free electricity in Wellesley

**132** solar installations

**340+** electric vehicles

**80+** tons of food waste diverted annually

**4** sustainable municipal buildings in design

**3,000** carbon-sequestering public shade trees

## The road to reduction



### Energy

Reduce demand and provide reliable, affordable carbon-free electricity



### Buildings

Improve energy efficiency, build and renovate sustainably, use renewable energy



### Mobility

Facilitate walkability and carbon-free transit within Wellesley and for commuters



### Waste

Reduce, reuse, recycle



### Natural Resources

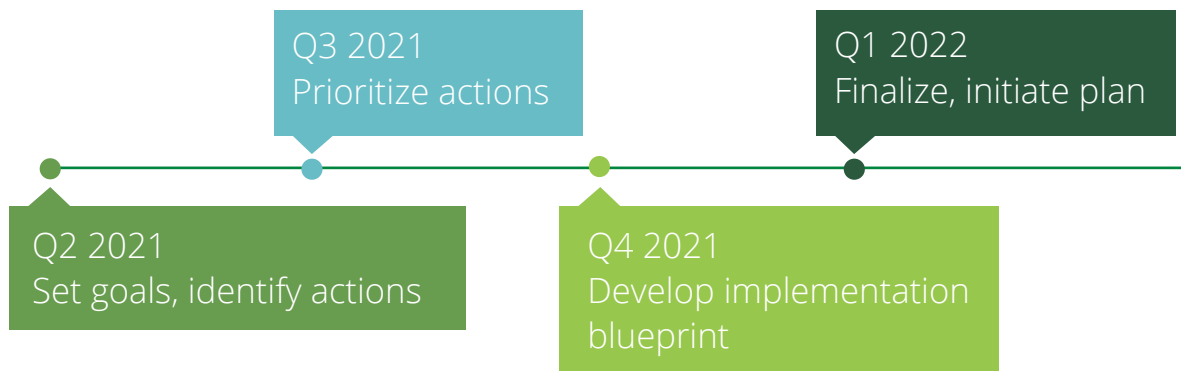
Expand carbon-absorbing tree canopy, preserve green spaces, conserve water



### Governance

Make climate change central to town operations and policies

## Milestones



Learn more

[WellesleyMA.gov/ClimateAction](https://WellesleyMA.gov/ClimateAction)



Sign-up for news

[ClimateAction@WellesleyMA.gov](mailto:ClimateAction@WellesleyMA.gov)



Attend

[WellesleyMA.gov/ClimateAction/Events](https://WellesleyMA.gov/ClimateAction/Events)