

# Planning for Net Zero by 2050

A multi-municipal planning project led by MAPC with the Towns of Arlington and Natick and the City of Melrose

FUNDED BY THE EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS



Over the next year and half, the Metropolitan Area Planning Council (MAPC) will work with the Towns of Arlington and Natick and the City of Melrose to develop or update their community-wide greenhouse gas inventories and to draft a net zero plan for each community. This multi-municipality approach will allow communities to learn from each other and share best practices as they develop their inventories and plans. This project will lay a foundation for communities across Massachusetts to set ambitious climate goals, and create plans to take action.

## PROJECT LEAD

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## PROJECT TIMELINE

MAR 2019

DEC 2020

### JUNE – SEPTEMBER

#### GHG Inventory Framework & Tool

MAPC and DNV GL will develop an easy-to-use tool for Massachusetts cities and towns to use for a community-wide GHG inventory.

### APRIL - MAY

Data collection for each community.

### APRIL - JULY

MAPC will review climate-related plans, policies, and initiatives in Arlington, Melrose, and Natick.

### SEP 2019 – JAN 2020

#### Community-wide GHG Inventories

established for Arlington, Melrose, and Natick.

### AUGUST 2019 – JUNE 2020

#### MAPC's Net Zero Playbook

MAPC will develop a strategy playbook for cities and towns. Strategies will address energy, transportation, waste, land use, public health, and equity.

### What is a greenhouse gas inventory?

A greenhouse gas (GHG) inventory accounts for the emissions resulting from a geographic boundary in a given year. GHG emissions can be accounted for through different methods, the most common of which is to look at emissions that result from activities occurring within the city or town boundary.

### What is a net zero plan?

A net zero plan is a pathway for a community to achieve its climate goals. Some plans are highly quantitative, and others focus on implementation. This project will focus on how both proven and innovative actions can be implemented in each community and reduce emissions from the communities' largest emitting sources and put them on track to achieve net zero.



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