



Town of Wellesley, MA

GHG Analysis and Climate Action Plan Support

Project Summary

KLA developed a greenhouse gas (GHG) reduction pathways analysis and provided strategic guidance and support for the Town of Wellesley to develop a climate action plan. As part of this project, KLA reviewed all previous GHG work completed by the Town, filled in the gaps, and then developed a business-as-usual forecast and a GHG Pathways Analysis.

Timeline: March - December 2021

Project Highlight

A Pathways Analysis helps illustrate how each GHG reduction strategy contributes to reaching an emissions target over time. The Pathways Analysis is also an implementation tool – estimating the scale and timeline of activities necessary to provide the needed reduction along each pathway.

Wellesley wanted a climate action plan designed to achieve the Town's goal of net zero emissions by 2050. KLA developed pathways to net zero starting with the GHG Inventory, then building a model using key metrics such as building area and electric vehicle registrations; influences such as expected population growth; and the impact of state and federal energy policies. Four pathways in energy, waste, buildings, and transportation provide the how-to guide for achieving Wellesley's emissions goals.

Graphic illustrating the number of annual solar installations necessary to fulfil the Energy Pathway's contributions to the Net Zero target



Activities & Outcomes

- Development of greenhouse gas (GHG) forecasts and analysis of reduction pathways
- Creation of tools and templates to help the Town select actions and prepare for implementation
- Facilitation of topical working groups
- Evaluation of actions selected by the Town for their potential impacts in the areas of the Plan's guiding principles
- Support for development of a readable, actionable final climate action plan

Implementation blueprint templates for use by the Town and its stakeholders

