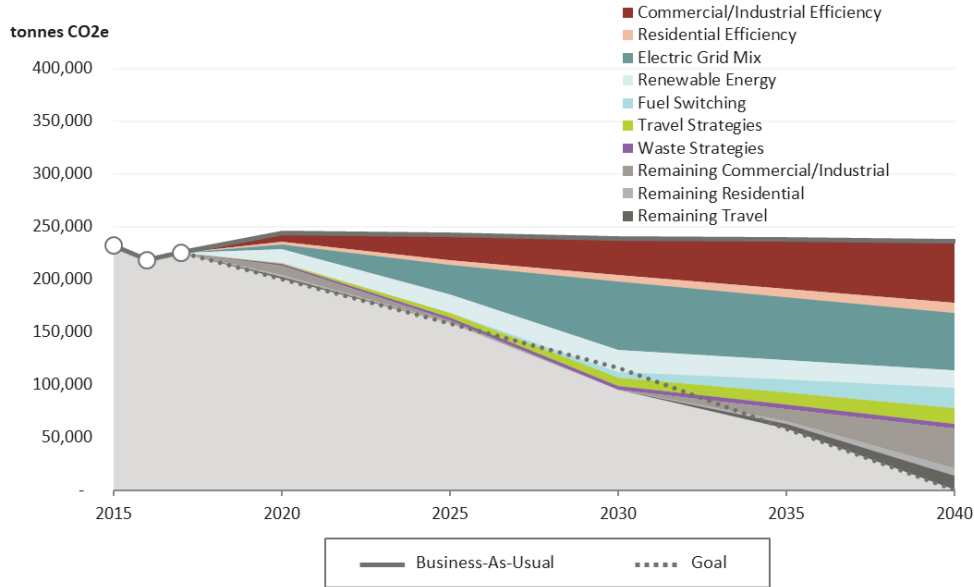


# NORTHFIELD DRAFT CLIMATE ACTION PLAN

## PLANNED EMISSIONS REDUCTIONS



Planned community-wide emissions reductions, including: historic emissions for 2015-2017, a business-as-usual projection through 2040 (top gray line), Northfield's goal (dotted gray line), and the estimated impact of reduction strategies (colored 'wedges') that close the gap between the business-as-usual and the goal. LHB, Inc.

## Carbon Free Electricity by 2030 Carbon Free by 2040

The City recognizes its role in reducing its impact on climate change and has set ambitious goals to receive 100% of its electricity from carbon free sources by 2030 and to be carbon free by 2040. The Climate Action Plan is organized by four umbrella strategies to move the City toward its goals:

1. Expand **Education and Engagement**
2. Incorporate climate considerations into **Policy and Planning**
3. Demonstrate city leadership through **Innovation and Demonstration**
4. Maintain momentum and progress through continued **Support of the Plan**

Actions to achieve emissions reductions are centered around building energy efficiency, clean electricity generation, vehicle electrification, increased mobility options, and sustainable land management.

## Climate Resilience

Climate change is already occurring and Northfield is feeling its effects. In order to minimize the impact of climate-related hazards, like heavy precipitation and extreme weather events, the City must enhance its resilience across the population, as well as built and natural infrastructure. This plan looks at the strengths, vulnerabilities, and opportunities in the community to build a more resilient future.



## 3-Year Targets



1. City fleet assessment completed
2. Additional EV infrastructure available



1. 10 miles of additional bike and ped trails completed
2. Community-wide mobility-sharing program in place



1. Robust tree planting and urban forestry program established
2. Resilience is incorporated into city planning and budget processes



1. Zero-waste plan developed and adopted
2. Zero-waste packaging ordinance adopted
3. Farm to school program in place



1. 1 MW of additional renewable energy
2. 8% of businesses and 19% of residences have made deep energy efficiency improvements
3. PiE Jump Start goals have been achieved



1. Complete an assessment of city assets and plan to implement carbon reducing actions started
2. Commitment from large energy users to meet city goals
3. Building benchmarking program established