

# Northbrook's Draft Climate Action Plan

In April 2021, Northbrook's Climate Action Planning team proposed the Draft Climate Action Plan (CAP) for public review. The opportunity to provide feedback closes on June 21, 2021. The goal of the CAP is to maintain a **sustainable environment for the community** and **reduce the carbon footprint**. The CAP seeks to reduce year 2010 carbon emission levels in Northbrook by 35%, by year 2030.

## Sustainability Sectors:

-  Local Food and Agriculture
-  Health and Safety
-  Greenspace and Ecosystem Health
-  Climate Economy

## Carbon Reduction Sectors:

-  Transportation and Land Use
-  Buildings and Energy
-  Waste Management
-  Water and Wastewater

The Northbrook Climate Action Plan:

addresses **8 sectors** of GHG emissions and climate vulnerabilities

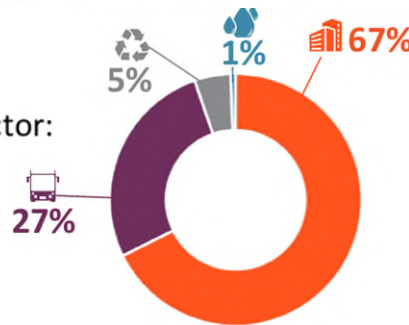
through **42 strategies** of GHG emissions and climate vulnerabilities

supported by **190 actions** detailing steps to be taken









during a **10 year** implementation timeframe

### Reduction Share By Sector:

Share of Total 2030 Reductions of Climate Action Plan actions by Sector:



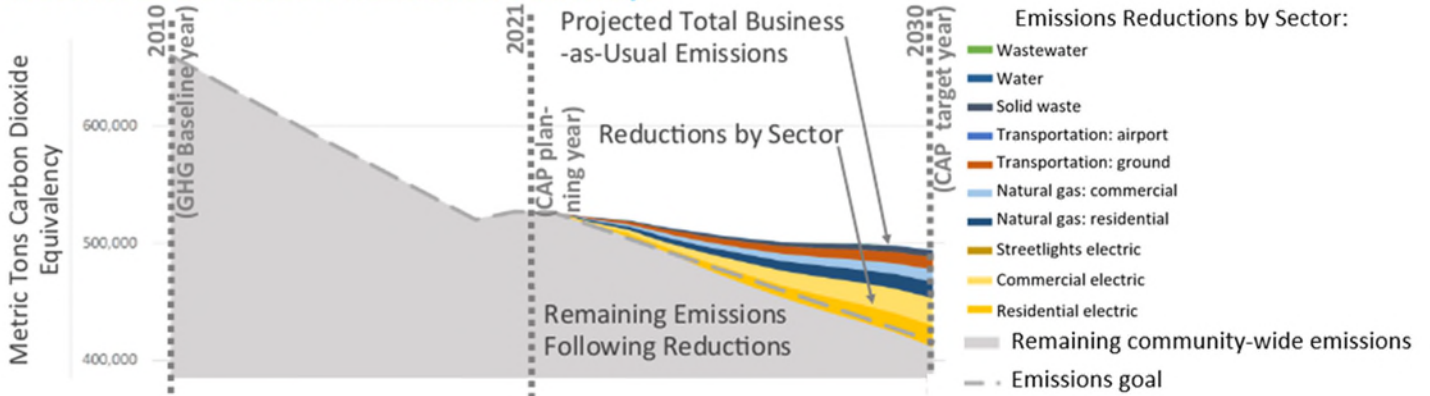
## Example Actions per Sector:

-  Establish a community food plot with skills-training programs to educate the community on local food growth. Eliminate barriers to urban farming. Increase availability and affordability of composting options.
-  Educate residents on heating/cooling centers, open to all who may not have access to heating or AC at home during operating hours. In Northbrook, these include Northbrook Public Library, North Suburban YMCA, and Northbrook Court.
-  Increase tree canopy coverage and diversity through tree sales and giveaways; establish native habitat corridors for wildlife in priority greenspaces. Support state legislation to allow municipal-level restrictions on pesticide usage.
-  In new developments, prioritize green building practices, green businesses, and transit-oriented affordable development. Continue the Green Business Awards program.
-  Maximize walkability through completing streets with accessibility compliance goals; connect Northbrook to key biking trails. Expand Northbrook's current residential "Electric Vehicle Ready" code requirement to include all new developments.
-  Require a Solar Panel Site Assessment as a part of all new building and major renovation building permit submissions. Convert 100% of municipal streetlights to LEDs by 2030; utilize motion-sensing and other energy efficient technologies.
-  Phase out single-use products by 2026 by implementing an opt-in fee for such products. Expand existing donation programs to reduce food waste. Increase recycling and organics collection bins in public places.
-  Update Village wide landscaping guidelines for reducing water consumption and chemical use. Reduce landscaping water use by encouraging water-efficient irrigation systems and replacing grass with native drought-resistant vegetation.

Learn more and get involved: [www.northbrook.il.us/818/Environmental-Sustainability](http://www.northbrook.il.us/818/Environmental-Sustainability)

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## Northbrook's Carbon Reduction Pathway:



<h3>The Process</h3> <p>The work that went into developing the Northbrook Climate Action Plan</p>	<h3>12 month</h3> <p>planning timeframe</p> <h3>418</h3> <p>community members providing input</p>	<h3>5</h3> <p>foundational research study documents</p> <h3>31</h3> <p>planning team members</p>
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## Why do we need a Climate Action Plan? The Climate Action Planning Team:

By 2050, Northbrook's climate can be expected to be:

-  **+4-6°F**  
warmer average annual temperature than now.
-  **+20-25 more days**  
annually with a high temperature over 95°F.
-  **+70% more**  
air conditioning demand and energy needed than now.
-  **+14% higher**  
annual average rainfall than now.
-  **+15% more**  
Heavy precipitation events annually.
-  **+20-25 days longer**  
growing, allergy, and mosquito season.

The time is right for Northbrook's first Climate Action Plan.

VILLAGE STAFF	
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COMMUNITY	CAPT MEMBERS
<b>Bob Israel</b>	Village Trustee
<b>Heather Ross</b>	Village Trustee
<b>John Albrecht</b>	Architectural Control Commission
<b>Nell Badgley</b>	Youth Commission
<b>Frank Bleeker</b>	Bicycle Task Force
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<b>Len Rago</b>	Stormwater Management Commission
<b>Scott Robson</b>	Environmental Quality Commission
<b>Joan Scovic</b>	Northbrook Park District
<b>Aaron Stash</b>	Northbrook Resident
<b>Patti Vile</b>	Community Relations Commission
<b>Sandy Weiss</b>	Environmental Quality Commission

Learn more:

