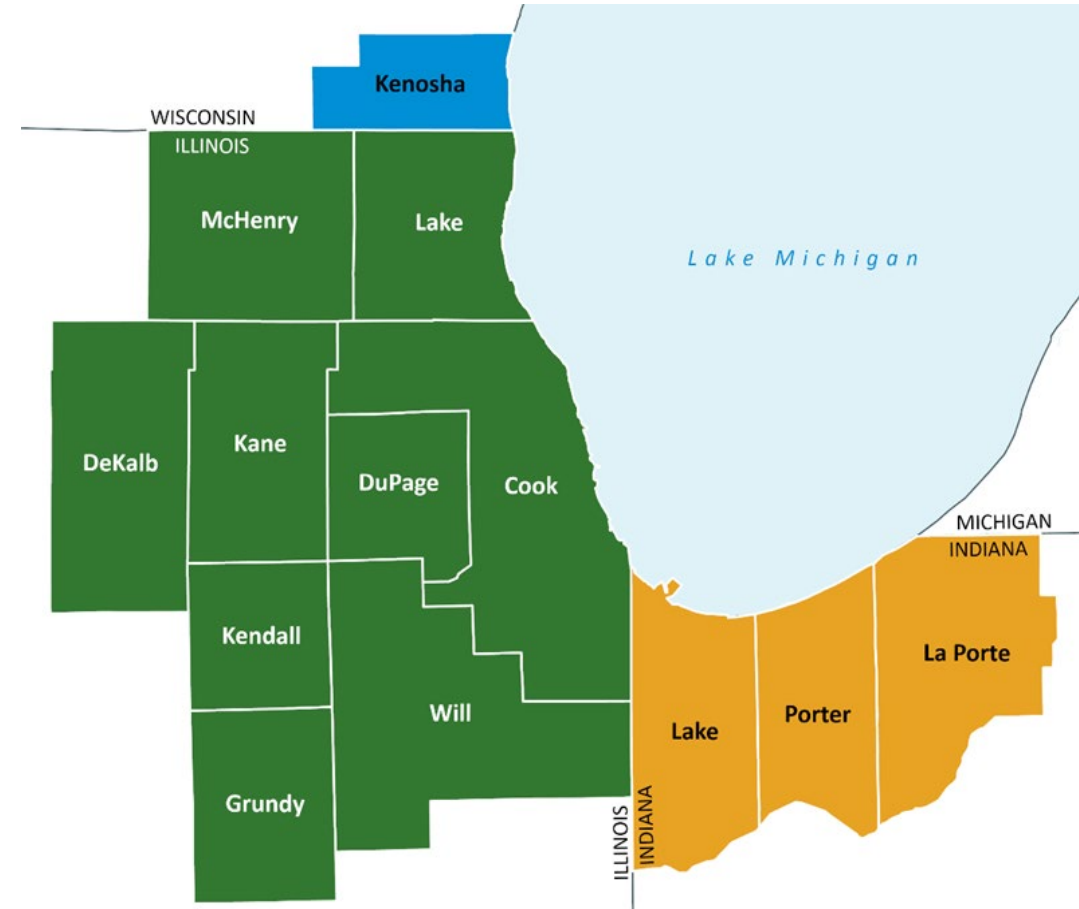


# Comprehensive Climate Action Plan for Greater Chicago

Lake County Planning, Building, Zoning and  
Environment Committee  
April 8, 2026



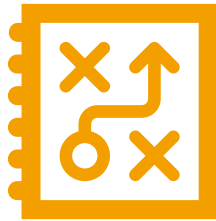
# Climate change is here — but so is our plan to act

- Path to cut greenhouse gases and air pollution
- Strengthen regional competitiveness
- Immediate public health benefits

# COMPREHENSIVE CLIMATE ACTION PLAN FOR GREATER CHICAGO

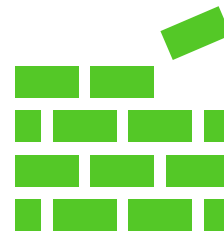
March 2026

# Grounded in data, collaboration, and impact



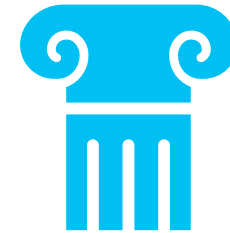
## Impact

Target the strategies that make the biggest difference.



## Build on precedent

Elevate what's already working across the region and learn from proven policies in other states.



## Influence

Provide a coordinated regional message to shape state and federal policy.

# Existing Lake County efforts and accomplishments

- Switch Together
- C-PACE
- Net-Zero Planning
- 2025 Urban and Community Forestry Strategic Plan



## Lake County Urban and Community Forestry Strategic Plan

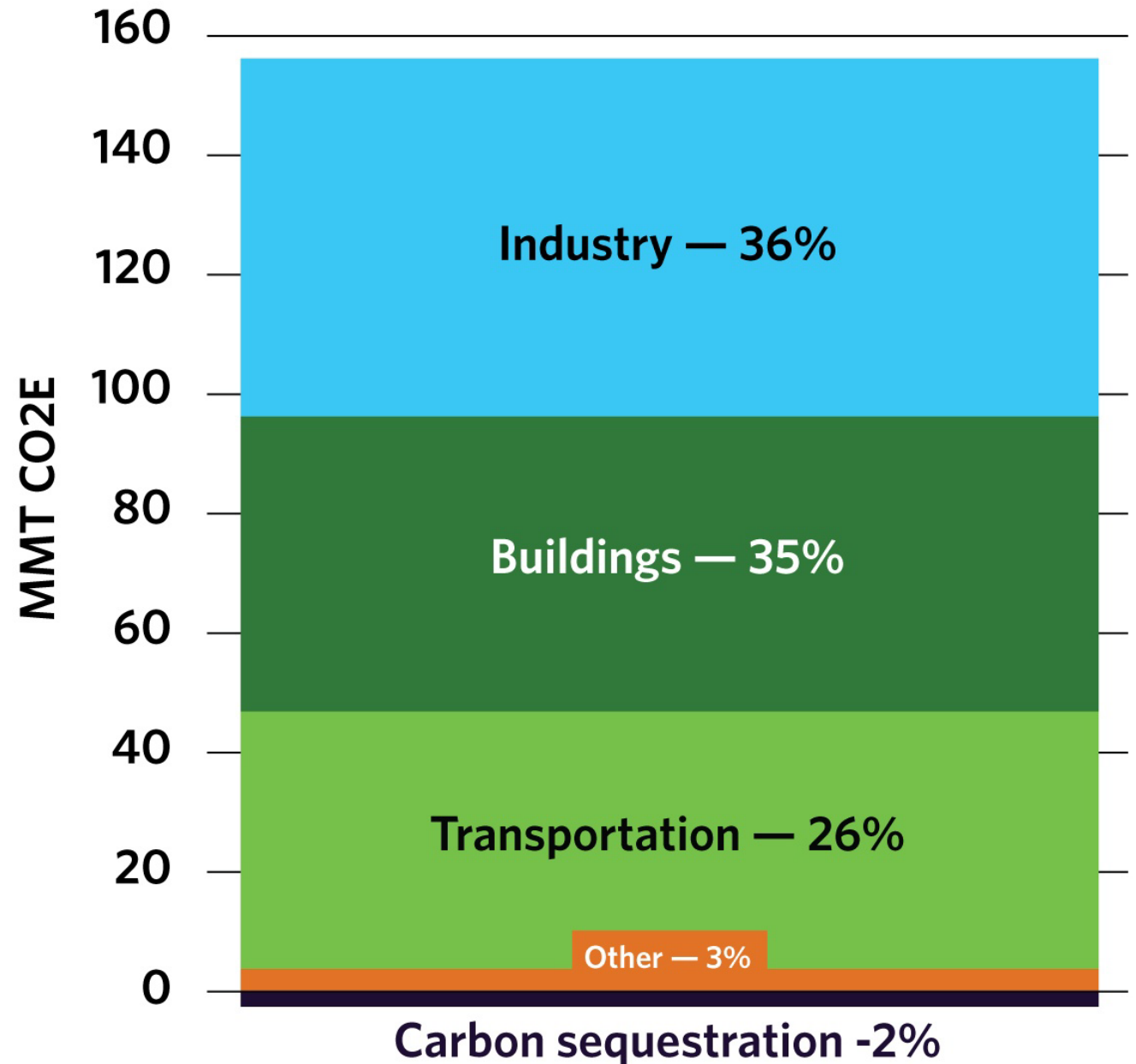
DECEMBER 2025

# Regional emissions and the path to 2050

# Where are emissions coming from?

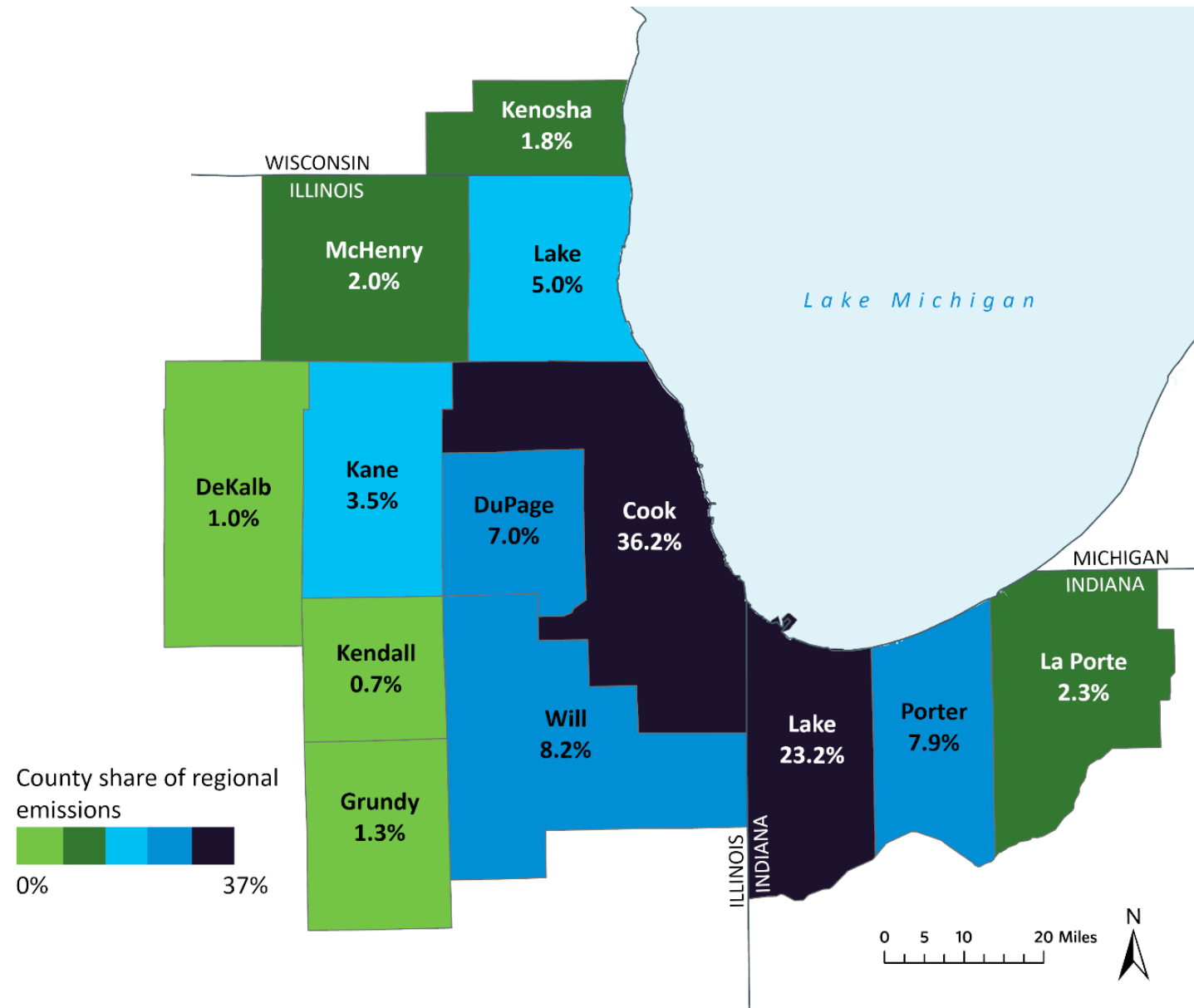
Region produces 152 million metric tons of CO<sub>2</sub>e annually

Three main sectors:  
industry, buildings, and transportation

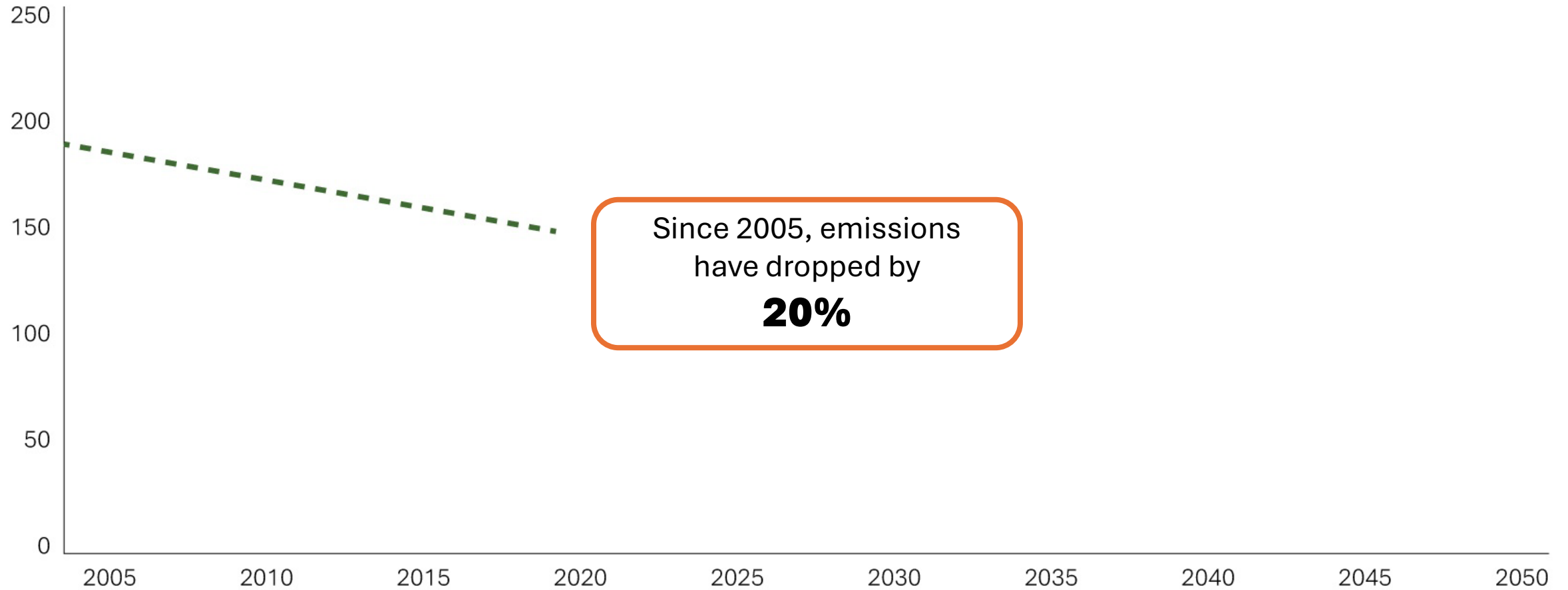


# Where do emissions come from?

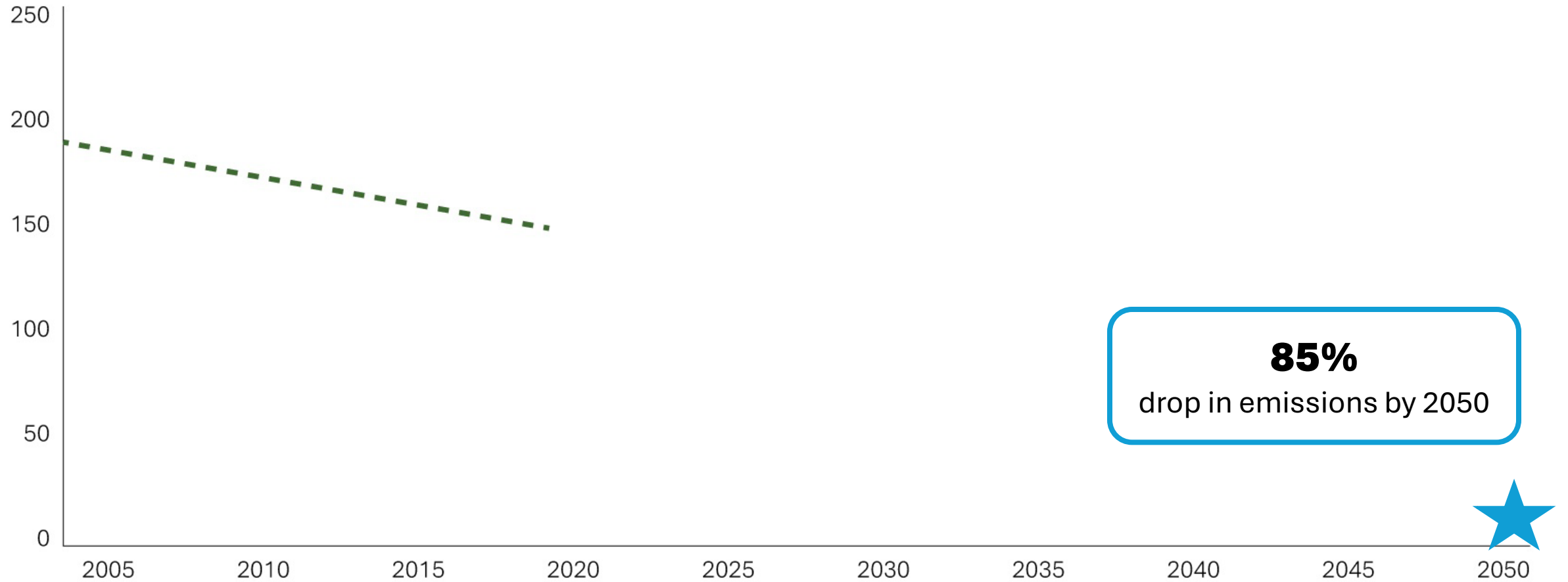
- Local context matters
- Lake County produces 5% of region's emissions



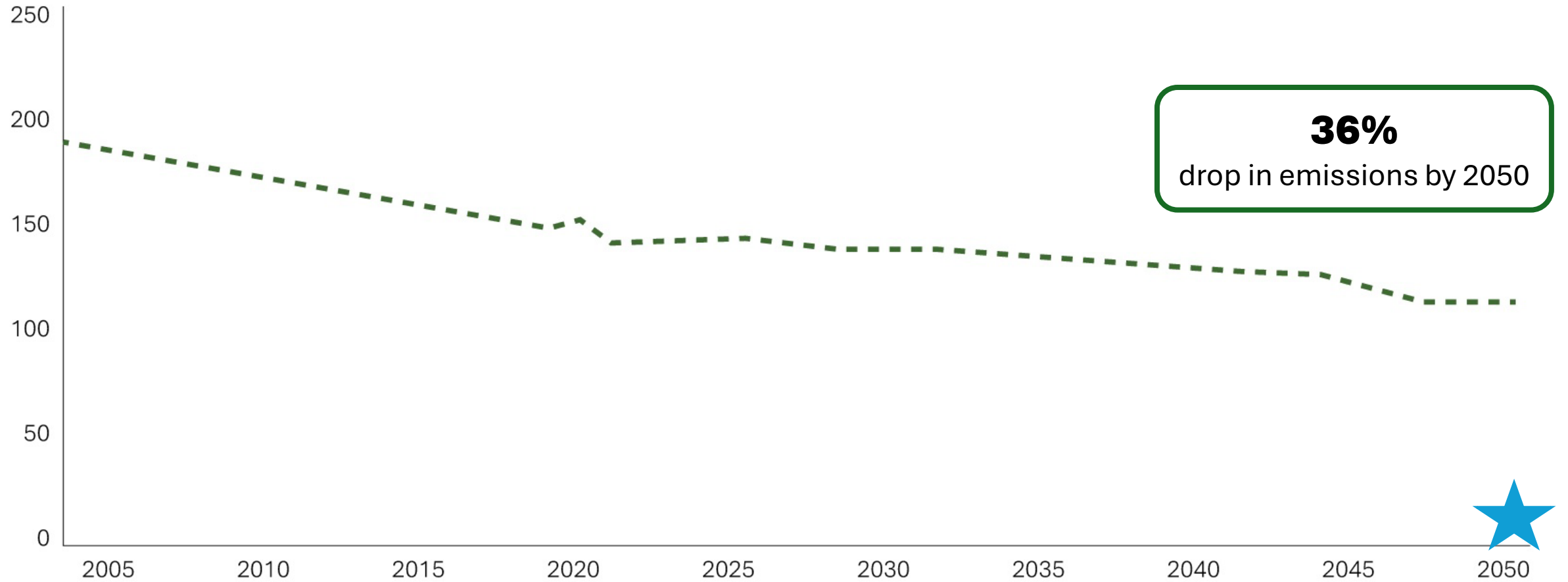
# We've already made progress



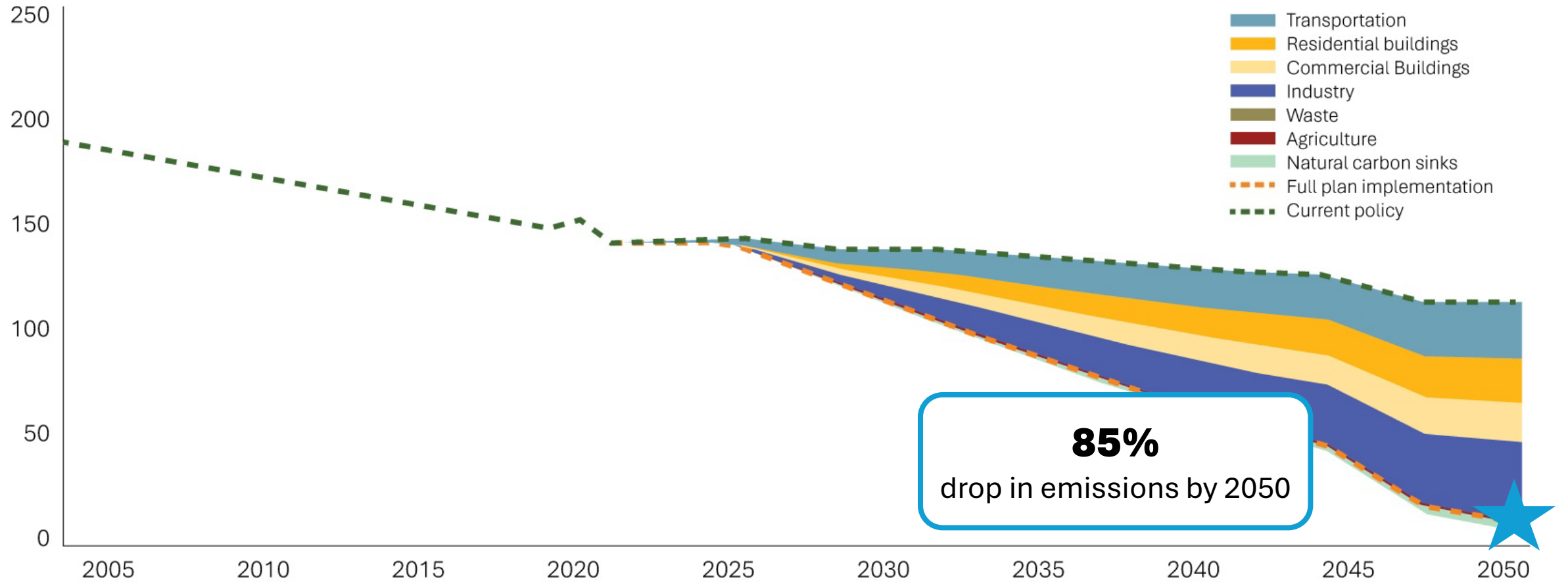
# Reduction target: 85% from 2005 levels by 2050



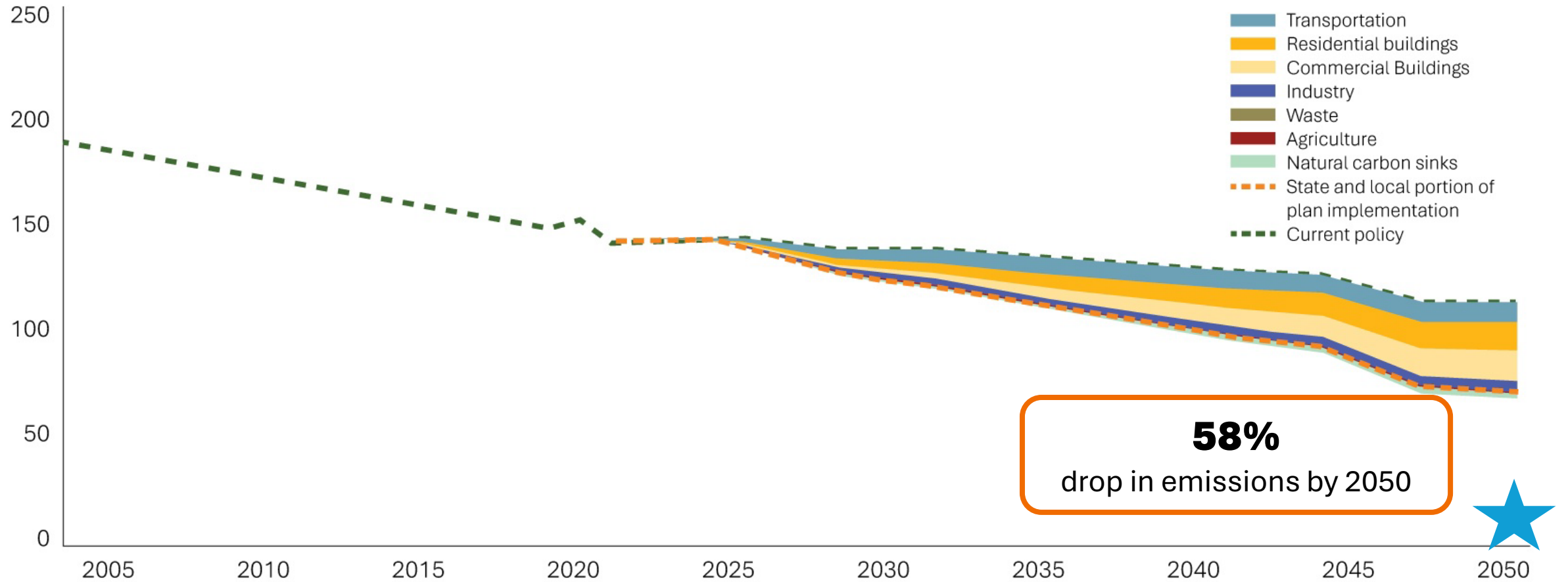
# Current policy is not enough



# Full plan implementation meets the target



# State and local action is important



**58%**  
drop in emissions by 2050



# Core actions

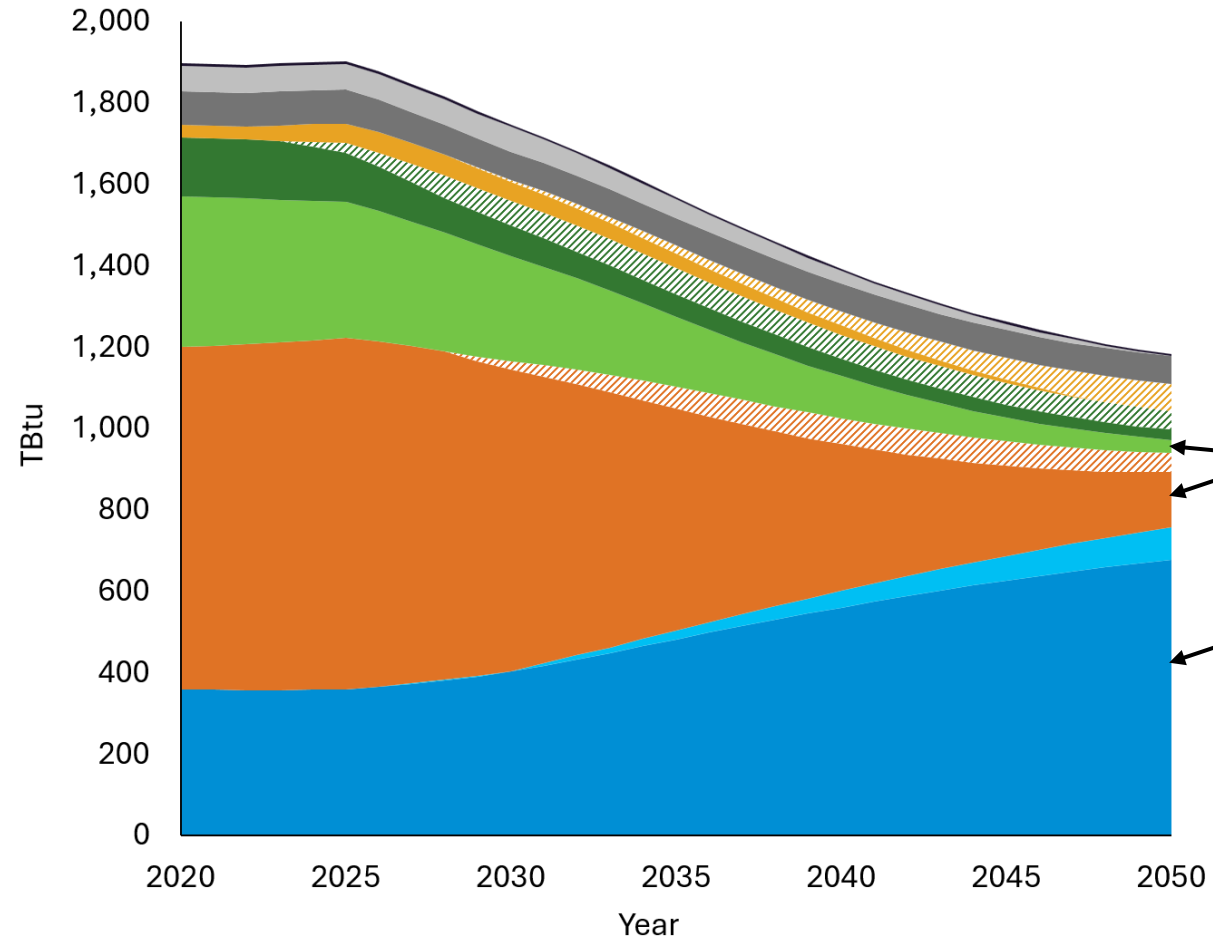
1. Clean and modernize the grid
2. Improve building efficiency
3. Switch to clean heat
4. Reimagine mobility
5. Electrify vehicles
6. Decarbonize industry



# Clean and modernize the grid

## Energy demand by fuel for the plan implementation scenario

- Coal
- Blast furnace & coke oven gas
- Other petroleum
- ▨ Renewable jet fuel
- Jet fuel
- ▨ Renewable distillate
- Distillate
- Gasoline
- ▨ Renewable natural gas
- Natural gas
- Hydrogen
- Electricity



Natural gas, gasoline use decrease

Increase reliance on clean electricity

# Improve building efficiency

- Weatherize ~50% of all residential buildings
- Weatherize most commercial buildings
- Apply building performance standards to nearly 500,000 large buildings



Photo credit: Colin Boyle  
via Block Club Chicago

# Switch to clean heat

- Require all-electric new construction
- Shift most appliance sales to electric by 2035
- Install 3.5 million+ heat pumps by 2050



Photo credit: Nick & Eddie Construction via Chicago Bungalow Association

# Reimagine mobility

- Reduce vehicle miles traveled (VMT) growth by 5% by 2035 and 16% by 2050
- Reduce car trips through road pricing and investments in transit, biking, walking, and compact development



Photo credit: Erik Allix Rogers via Chicago Streets Blog

# Electrify vehicles

- Require 100% of new light-duty vehicles sold by 2035 to be EVs
- By 2050, cumulative sales need to exceed 10 million light-duty EVs
- Establish state and local incentives to sustain EV purchases and charging infrastructure adoption levels



# Decarbonize industry

- Cut manufacturing energy demand by 15% by 2050
- Electrify low-temperature processes
- Require all iron and steel production to be net-zero emissions by 2050
- Establish state “Buy Clean” programs



**Read the plan to learn  
more!**



Scan the QR code

# COMPREHENSIVE CLIMATE ACTION PLAN FOR GREATER CHICAGO

March 2026

# Implementation next steps

# Next steps

Share the plan and create audience-specific materials

2025 Regional Greenhouse Gas Inventory

Status report

Energy to Communities project with ComEd, Respiratory Health Association, and Argonne & Oak Ridge National Laboratories

# Thank you

Jesse Altman, [jaltman@cmap.Illinois.gov](mailto:jaltman@cmap.Illinois.gov)

## **Additional questions:**

Kelsey Pudlock, [kpudlock@cmap.Illinois.gov](mailto:kpudlock@cmap.Illinois.gov)