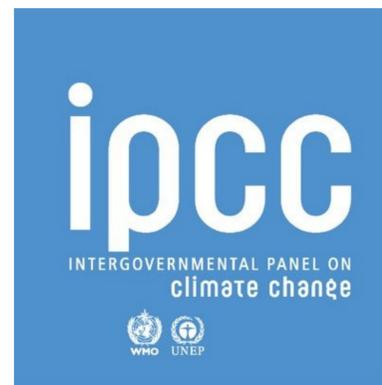


EVANSTON IS COMMITTED TO...

THINKING GLOBALLY



Intergovernmental Panel on Climate Change

- Decrease global carbon pollution by 48% from 2019 levels by 2030
- Reach net-zero carbon emissions by 2050
- 2050+ achieve net-negative carbon emissions

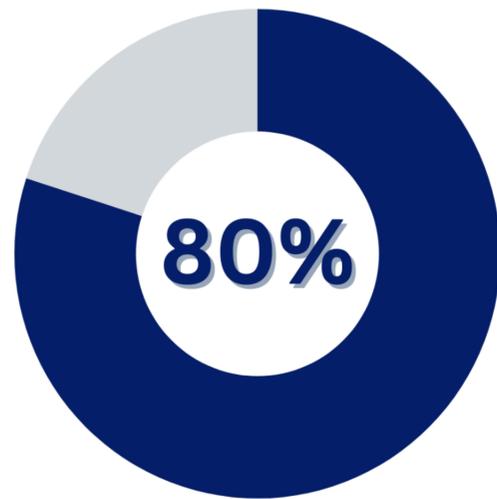
ACTING LOCALLY



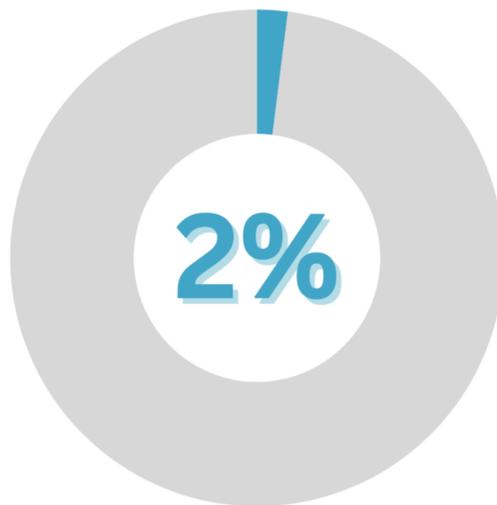
Evanston's Climate Action and Resilience Plan

- Reduce building energy consumption by 35% from 2005 levels by 2035
- Reduce building energy consumption by 50% from 2005 levels by 2050
- Reach net-zero carbon emissions by 2050

EMISSIONS REDUCTIONS WILL NOT BE ENOUGH WITHOUT ADDRESSING EXISTING BUILDINGS



80% of emissions in Evanston come from buildings

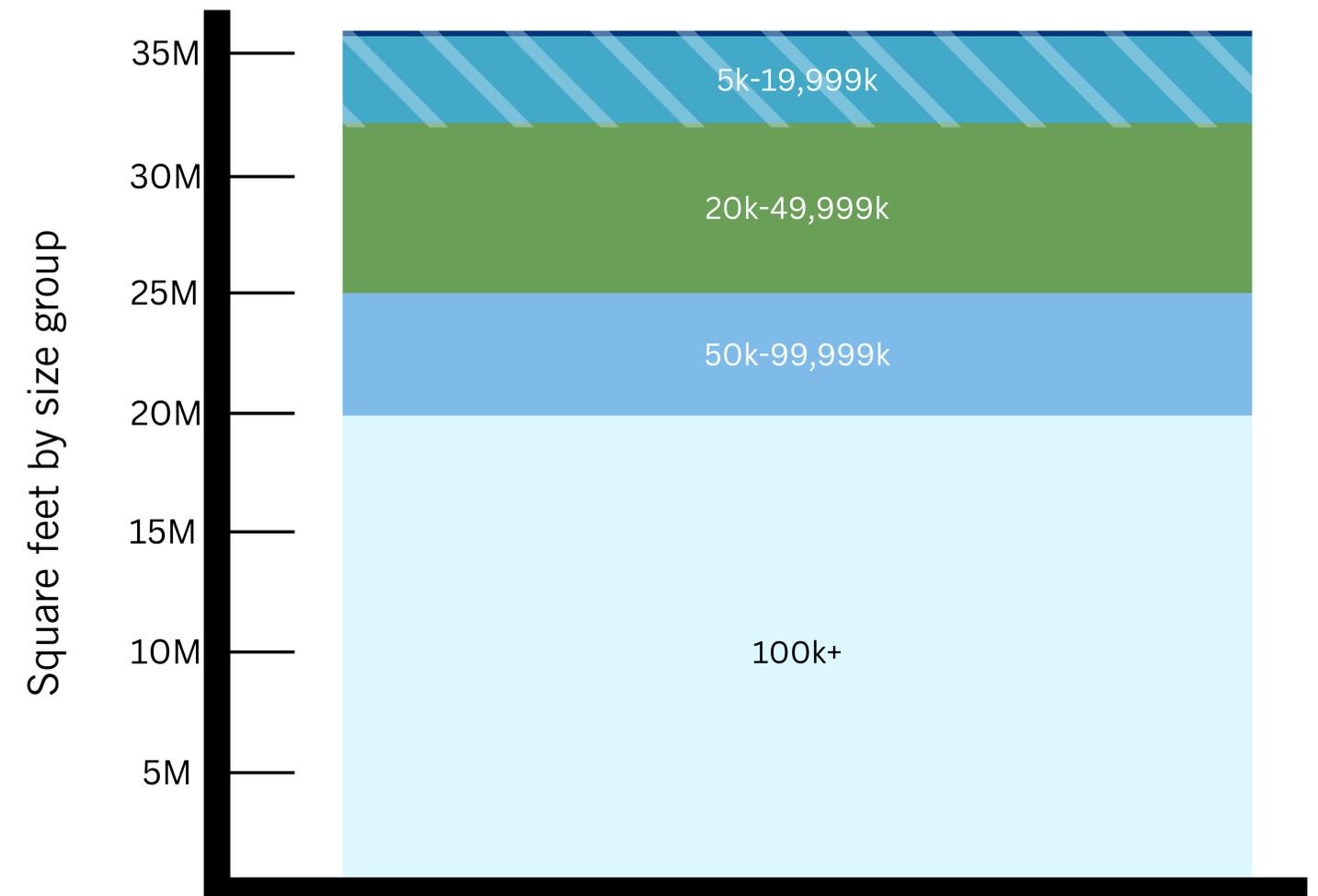
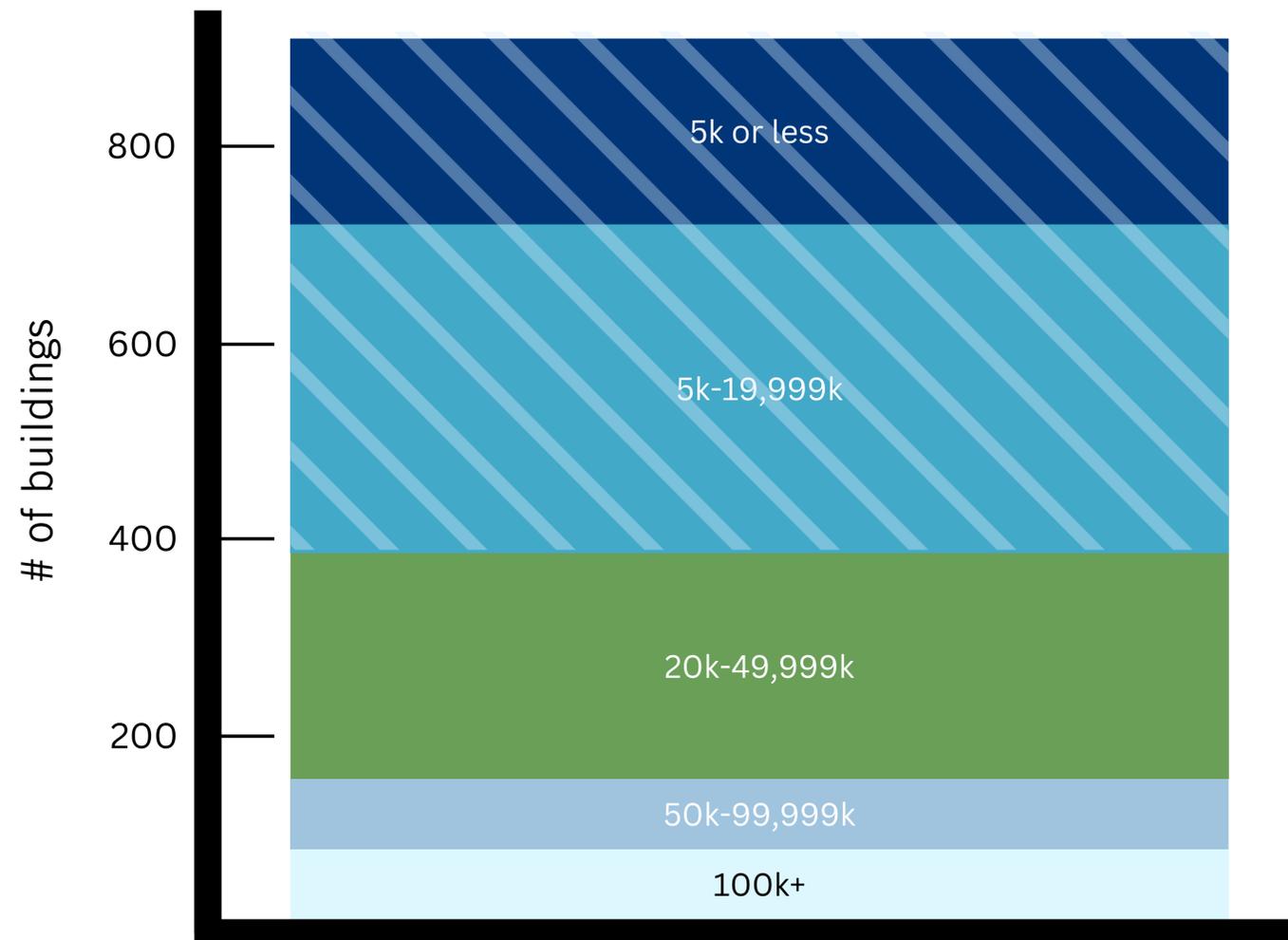


Replacement rate of buildings, demolition, and new construction, is less than 2% per year, leaving outdated technologies in current building stock.

WHY BUILDINGS OVER 20,000 SQUARE FEET?

Nearly half of Evanston's community-wide emissions come from buildings over 20,000 sq. ft.
Less than half of all buildings make up the vast majority of total community square footage:

Buildings less than 20k sq ft are not subject to Healthy Buildings Ordinance



ENERGY AND WATER BENCHMARKING ORDINANCE

Buildings over 20k sq ft already benchmark

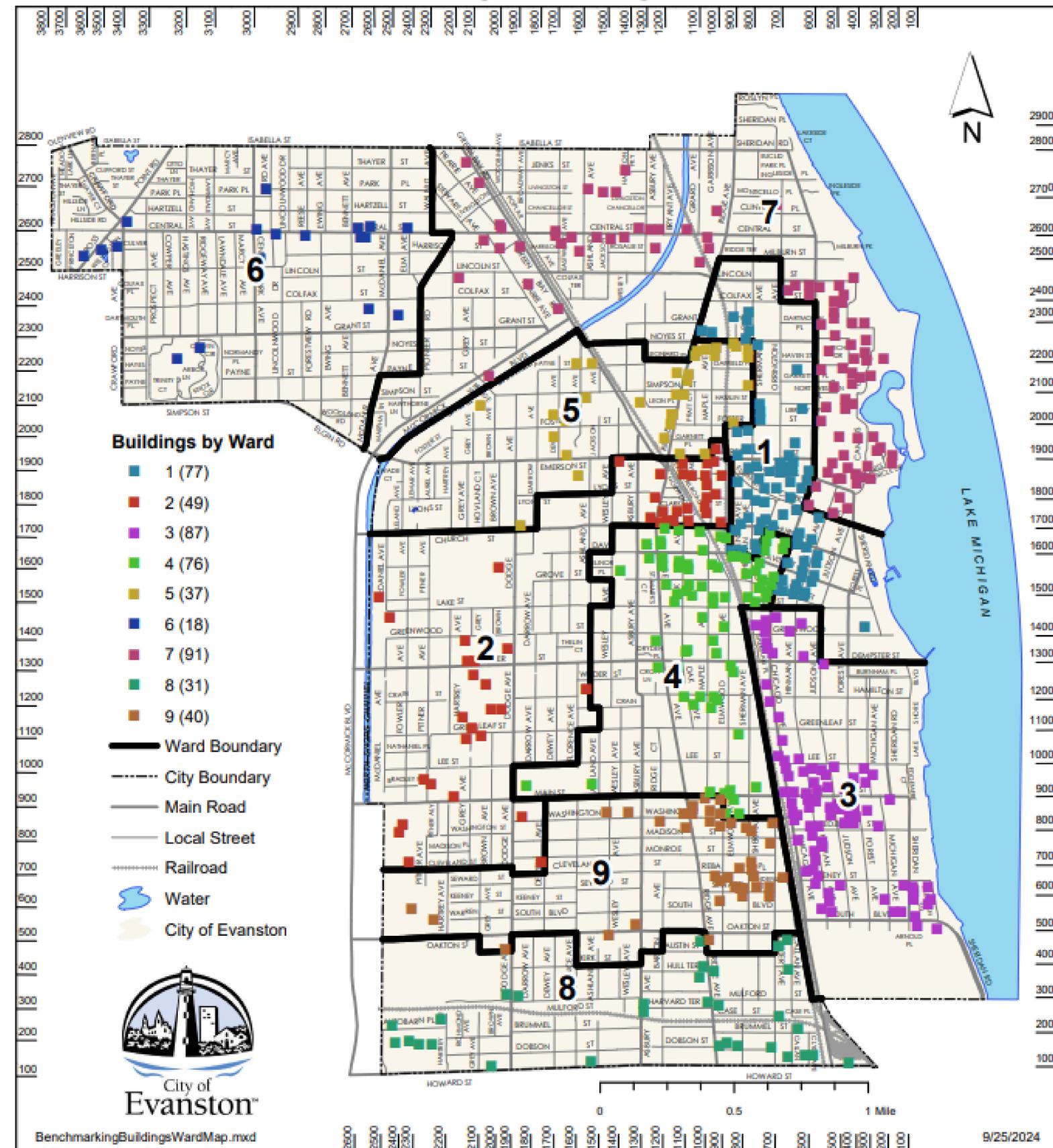
- City buildings over 10k sq ft
- Condos over 50k sq ft

~ **500 buildings** are subject to the benchmarking ordinance

Spatially diverse across Evanston

- 18 in 6th ward to 91 in 7th ward

Benchmarking Buildings & Wards



THE HEALTHY BUILDINGS ORDINANCE DOES MORE THAN JUST REDUCE EMISSIONS



Improve air quality

Reduced indoor and outdoor pollution will lessen exposure to harmful toxins.



Build local capacity

Increased clean energy workforce benefits local workers and contractors with new trainings and job opportunities



Empower community

Stipend supported process facilitates community decision making



Optimize systems

Improved heating, cooling, and ventilation systems use less energy and increase tenant control



Reduce utility costs

Increased efficiency means lower utility bills

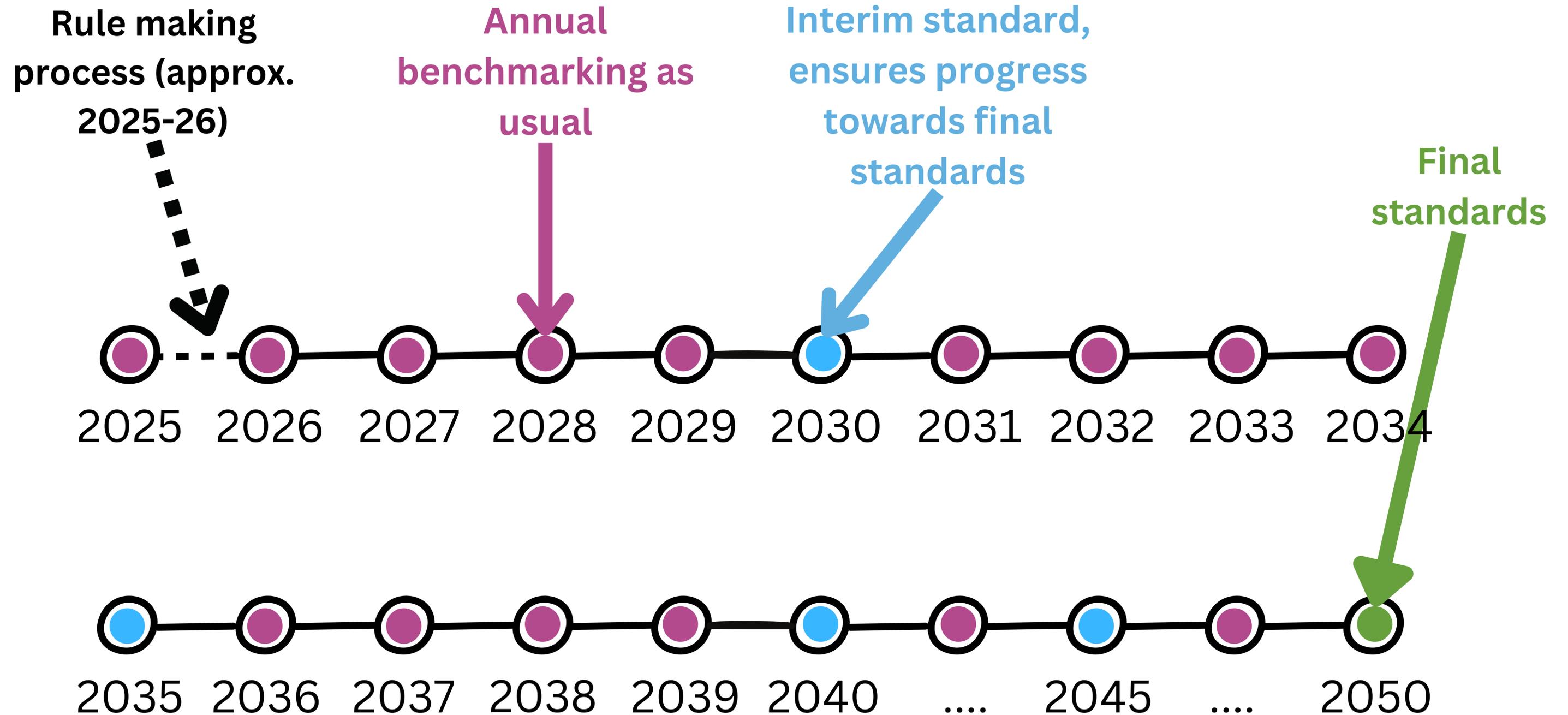
WHAT IS THE HEALTHY BUILDINGS ORDINANCE?

Buildings over 20,000 square feet must meet 3 performance metrics by 2050

- 1 Buildings must be energy-efficient**
- 2 Buildings must eliminate on-site and district system emissions**
- 3 Buildings must solely procure renewable electricity**

The ordinance will also create two new public bodies that will be empowered to establish interim performance metrics and a rulemaking process for alternative compliance.

TIMELINE OF HEALTHY BUILDINGS ORDINANCE



FINANCING THE HEALTHY BUILDINGS ORDINANCE



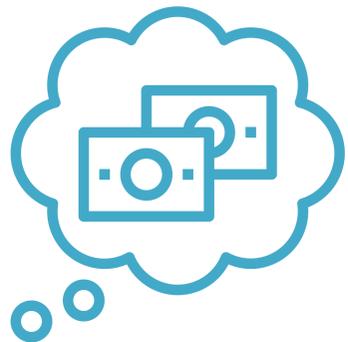
Access to low cost financing

Low and no interest loans, energy efficient mortgages



Green leasing adoption

Lease agreement designed to align tenant and landlord interests around environmentally friendly measures



Creative funding

Community led and City supported solutions to procure funding for affected buildings



Inevitable equipment replacement

Equipment replacement is already a cost consideration, the replacement can happen at the end of a device's natural life



Upfront capital

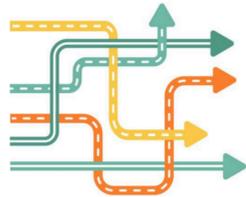
Financial support for community decided equity priority buildings

WHAT IS NOT IN THE HEALTHY BUILDINGS ORDINANCE?



Addressing every nuanced circumstance and sub-metered building

This will be complicated and is best done on a case by case basis.



How alternative compliance can be reached

This will be nuanced and will be decided in part by the community.



Specifically defining who will benefit from the available support funds

The community will be empowered to define this.



Prescribing what buildings must do to reach compliance

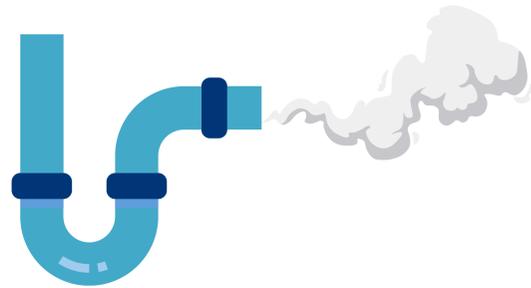
Each building will have its own path to compliance and the City will provide technical assistance.



The various partners, staff, and funds going to support and synergize with this work.

This ordinance is part of a larger portfolio of policies, programs, and efforts to support a healthier and more sustainable Evanston.

FOSSIL FUEL EMISSIONS HARM MORE THAN OUR PLANET



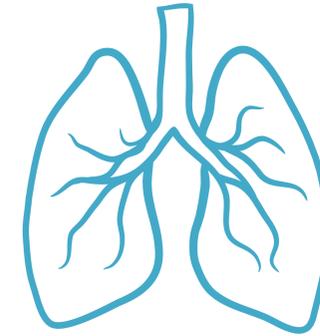
Gas Hook-ups Leak Toxins

Having a gas pipeline in the home, even if gas is not being burned, exposes inhabitants to federally designated “hazardous air pollutants”



Vulnerable Populations

Children, people with chronic illnesses, elderly adults, pregnant people, low-income people are all more at risk of health impacts



Respiratory Problems

Combustion of fossil fuels in the home increases risk of heart disease and stroke, asthma, COPD, cancer, type 2 diabetes, premature birth and respiratory infection



Pollutants Do Not Disappear

As natural gas is released, it travels outside the home and affects surrounding areas

HOUSING IS A FUNDAMENTAL CONSIDERATION



Housing protection

Community led body empowered to suggest synergistic policies, such as rent protection and anti-displacement policies



Long term building resilience

Equipment replacement is inevitable, buildings and tenants need better, long lasting, healthier equipment



Alignment with other City plans

Increase housing options, improved urban planning, healthy and decarbonized building stock

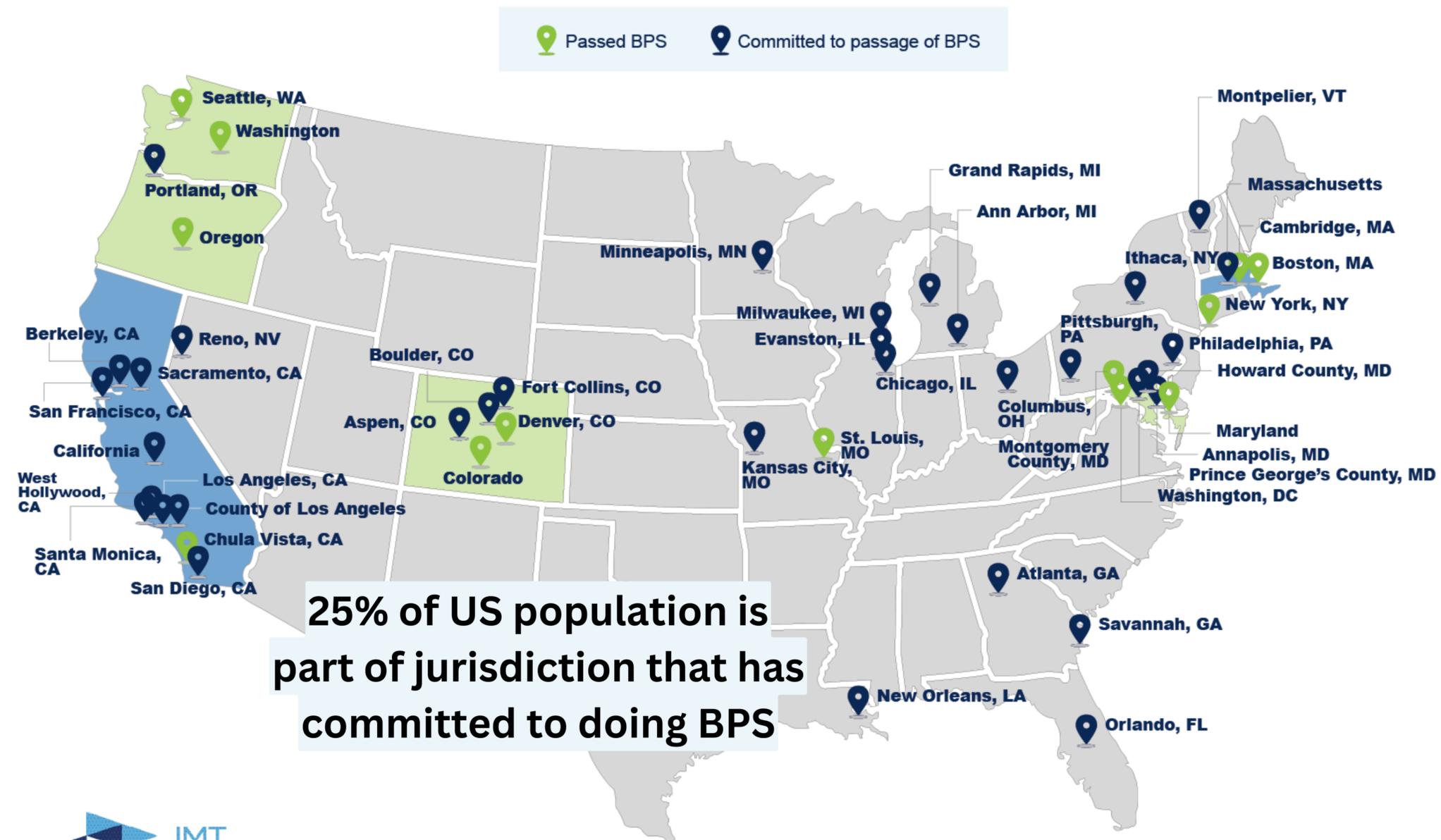


Lower monthly bills

Increased efficiency means lower utility bills

WE ARE NOT ALONE: BUILDING PERFORMANCE STANDARDS ARE A GROWING MOVEMENT

The City continues to collaborate with other communities to address building emissions



25% of US population is part of jurisdiction that has committed to doing BPS