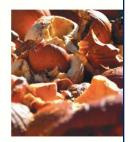# CHICAGO

Exploring Chicago's 2022 CAP

Equitably investing in community health and climate resilience while reducing Chicago's carbon footprint 62% by 2040

CHICAGO WILL REDUCE ITS CARBON FOOTPRINT BY 62% BY 2040

★ CHICAGO

Chicago's 2022 CAP Centers On Equity

To better serve communities that disproportionately experience the chronic stress of the changing climate and the shocks of extreme weather events, the 2022 CAP anchors all climate strategies with the objective to create a more just and equitable city. Alongside aggressive carbon emission reduction investments, governments must invest in climate actions that address and prevent furthering the legacy of social injustices in frontline and overburdened communities.

Co-benefits

- Economic inclusion and savings
- Reduced Pollution Burden
- Equitable access to critical infrastructure
- Community health and resiliency

BUSINESS AS USUAL

2022 CAP TRAJECTORY

2017 GHG Emissions

31M metric tons CO_2 equivalent total

69% buildings

24% transportation

7% waste

Progress for the People

- Expand use of commuter benefits
- Install 5 megawatts of co-owned community solar projects

- Establish a robust outdoor air quality monitoring network
- Strengthen policies that support green roofs, walls, trees, and other vegetative cover
- Introduce community-wide organic waste collection

- Increase Chicago-based community renewables to 20 megawatts
- Ensure 150 megawatts of energy storage

- Resource community-led climate infrastructure projects
- Integrate community resilience and climate justice criteria into department-level strategic planning and annual budget setting

Build Scale and Capacity

- Retrofit residential and industrial buildings
- Increase community renewables subscriptions

- Increase Divvy and shared micromobility trips
- Update land use policies to encourage sustainable development, accessibility, and street safety

- Aggregate clean renewable energy in proximity to Chicago
- Support equitable electrification of ride hail and taxi fleets

- Develop a fossil-fuel plants transition strategy
- Increase CTA ridership

Achieve and Exceed Targets

- Retrofit City-owned, sister agency-owned, and commercial buildings

- Achieve building electrification targets
- Enable 100% electrification of delivery fleets
- Electrify the City's fleet
- Divert 90% of residential waste

- Enable 2,500 new public passenger electric vehicle charging stations
- Achieve 100% clean renewable energy community-wide
- Encourage 3,000 megawatts of new energy demand reduction

- Enable Chicagoans to walk, bike, take transit, or use shared micromobility for 45% of all trips

2017   2025   2030   2035   2040

A Just and Equitable Climate Future for Chicago

Center Equity and Environmental Justice

Uphold Commitment to Climate Goals

Address Profound Environmental Challenges
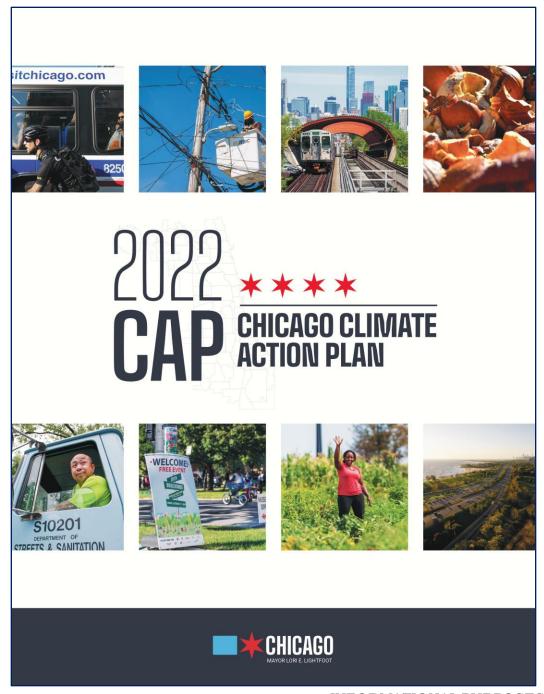
Generate Economic Benefits for Local Communities

A Closer Look At What's Inside

Climate Strategies and More

1) Plan Background
   a) Climate Justice 101
   b) Contextualizing Equity
   c) Climate Financing and Program Investments
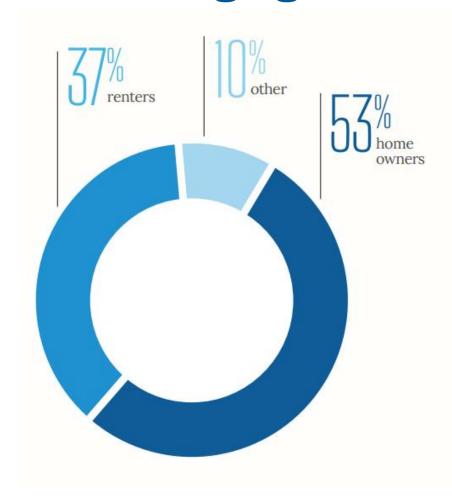   d) Public Engagement Summary
2) Adaptation and Resiliency

Public Engagement Summary

- 1,646 survey responses
- 200 town hall attendees
- 300+ public comments on draft

Public Engagement Summary

Community Priority	Updates Made Between the Draft and Final 2022 CAP
Address parking minimums	A new action was added (3.2.D): Update citywide car and bike parking requirements by 2025
Provide details for priority bus lanes	Bus priority treatments were added to action 3.1.C
Provide details for bike-lane network growth	Bike network targets were added to actions 3.1.A and 3.1.C
Increase ambitions for community-wide composting	Ambition has increased for introducing community-wide organic waste collection and decomposition. Initially, 2040 was targeted for this action; 2025 is now targeted (see action 1.1.A)
Operate in alignment with principles of environmental justice and equity	Feasible processes to evaluate impact were identified in action 5.2.B

Equity Considerations Throughout CAP

Co-Benefits

Economic inclusion and savings

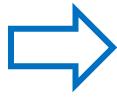Reduced pollution burden

Equitable access to critical infrastructure
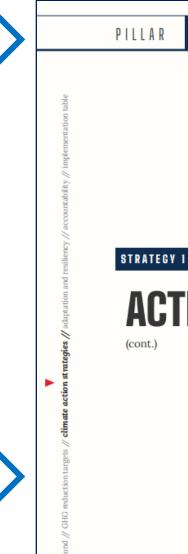
Community health and resiliency

- How can actions provide savings?

- How can actions enrich or expand the local economy?

- How are burdens and benefits currently experienced?

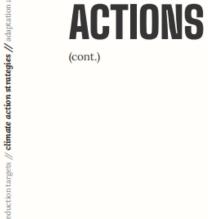- How are programs and services made available? Are those with the greatest needs connected?

Navigating the 2022 CAP

PILLAR **1** 2 3 4 5

plan background // GHG reduction targets // **climate action strategies** // adaptation and resiliency // accountability // implementation table

STRATEGY 1

ACTIONS
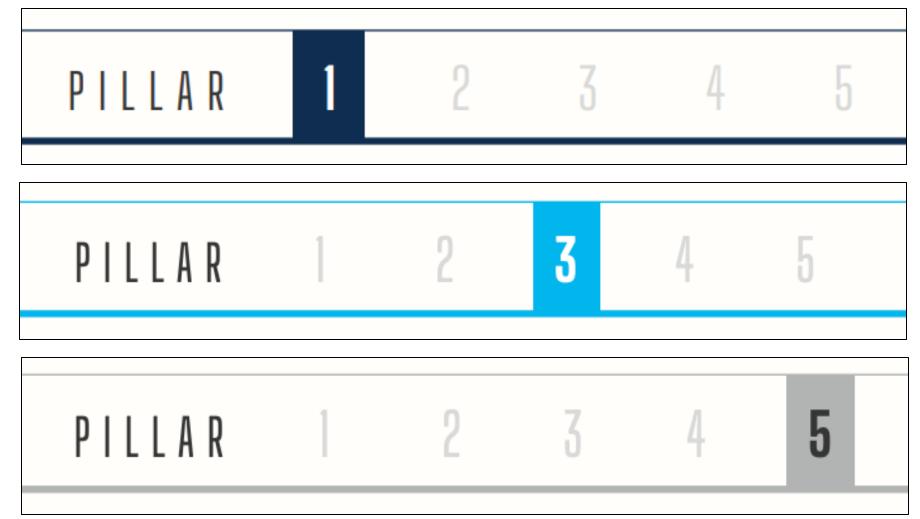(cont.)

Navigation Tools- Left Margin

plan background // GHG reduction targets // climate action strategies //

plan background // **GHG reduction targets //** climate action strategies //

plan background // GHG reduction targets // **climate action strategies //**

Navigation Tools- Top Margin

★ Navigation Tools

Nature Based Solutions

1. Access to nature-based community assets can be integrated into community health and resilience metrics.

2. Plant enough trees or vegetation to match or exceed the environmental and public health benefits lost by the removal of trees during demolition, construction, or other development.

3. Optimize use of permeable materials, reflective surfaces, and tree and vegetative cover in communities experiencing greatest impacts from urban flooding or heat index.
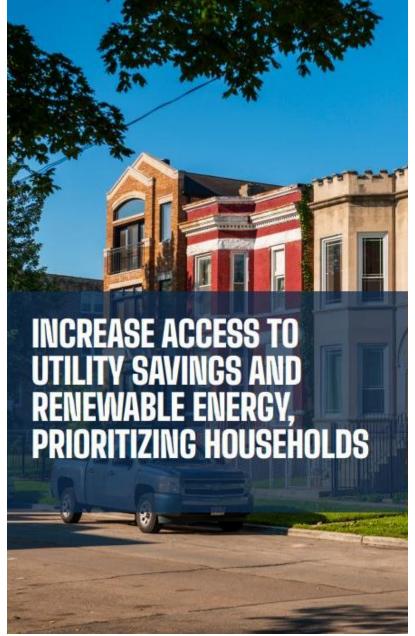
Co-Benefits

Economic inclusion and savings

Reduced pollution burden

Equitable access to critical infrastructure

Community health and resiliency

" Prioritize low-income and minority communities as they will be negatively affected the most from climate change and include policy that prevents gentrification of these areas so the residents actually see the benefits rather than being displaced.
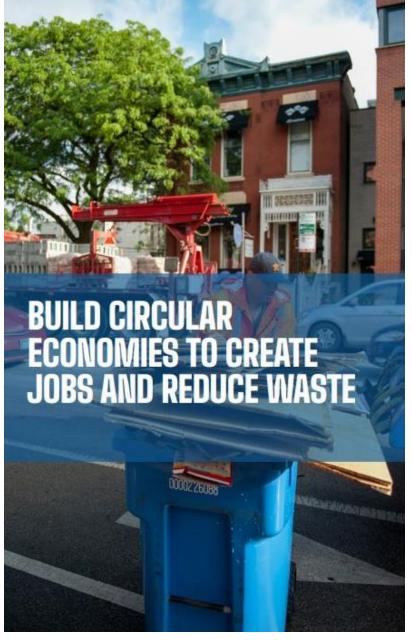
– Resident of Humboldt Park

Pillar 1 Strategies

1. Retrofit buildings
2. Connect communities to renewable energy
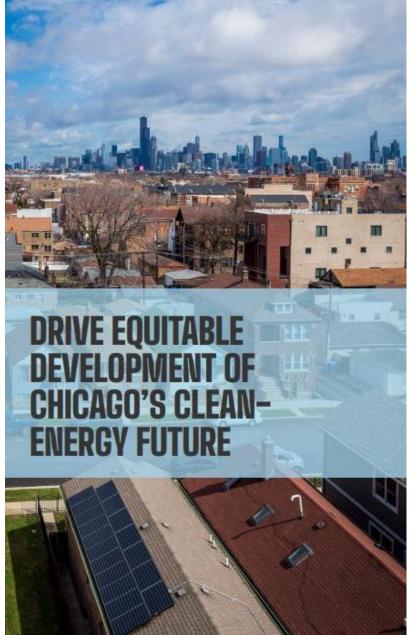
Pillar 2 Strategies

1. Reduce waste and landfilling

Pillar 3 Strategies

DELIVER A ROBUST ZERO-EMISSION MOBILITY NETWORK THAT CONNECTS COMMUNITIES AND IMPROVES AIR QUALITY

1. Make walking, biking, or transit viable options for all trips

2. Increase transit performance and encourage equitable transit-oriented development

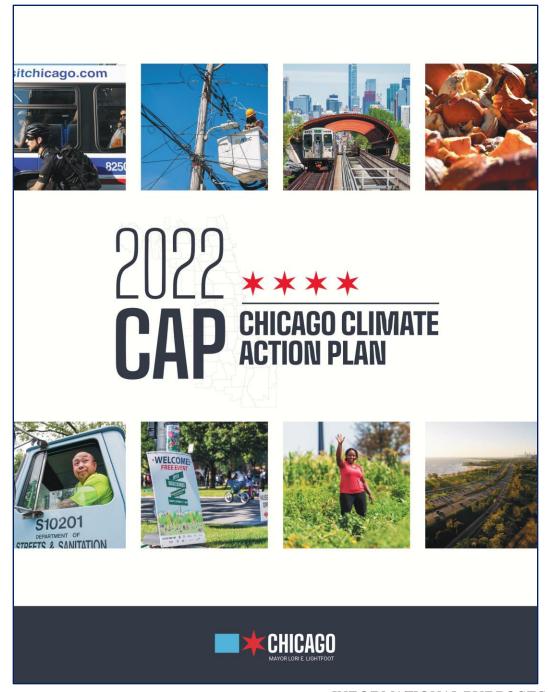3. Enable zero-emission transit and fleets

Pillar 4 Strategies

DRIVE EQUITABLE DEVELOPMENT OF CHICAGO'S CLEAN-ENERGY FUTURE

1. 100% clean renewable energy
2. Enable building and personal vehicle electrification
3. Align building codes and standards with climate best practices
4. Decommission fossil power

Pillar 5 Strategies

1. Collect relevant data
2. Enable data-driven decision-making
3. Enable community resiliency

To explore the full

2022 Climate Action Plan and stay involved, visit

Chicago.gov/ClimateActionPlan