

2015 SUSTAINABLE CHICAGO

ACTION AGENDA 2012-2015 HIGHLIGHTS AND LOOK AHEAD





OFFICE OF THE MAYOR

CITY OF CHICAGO

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Dear Friends,

My administration issued the *Sustainable Chicago 2015 Action Agenda* in 2012 to provide a roadmap to reduce energy use, create good-paying jobs in up-and-coming industries, maintain and upgrade our infrastructure, and ensure every Chicagoan has the opportunity to live a healthy and active lifestyle. Implementing this work over the last few years has transformed our neighborhoods and our economy. Together we are strengthening Chicago.

Chicago is making clear that there is no need to choose between the environment and the economy and that sustainability can be found in every neighborhood. For the first time in more than a decade, more people and businesses are moving into Chicago than moving out. We have closed coal-fired power plants and removed coal from the power purchased for public facilities, opened parks and rebuilt over 225 playgrounds across our city, launched recycling citywide and accelerated energy efficiency in every community, risen to #2 in bike friendly US cities and launched one of the largest bike share equity programs in North America with Divvy for Everyone, and provided summer jobs in sustainability to over 2,000 high school students through the Greencorps Chicago Youth Program.

Sustainable Chicago is anchored in Chicago's rich history and 21st century aspirations. It is built on seven central strategies of a vibrant, prosperous and inclusive city, strategies that will continue to strengthen our city both today and well into the future. We have accomplished a great deal and I look to continue to innovate, partner and deliver against these themes in the years to come.

Thank you for your partnership as we build a truly enduring sustainable Chicago.

Sincerely,



Rahm Emanuel

Rahm Emanuel

Mayor

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A STRONGER CITY:

LIVABLE, COMPETITIVE AND SUSTAINABLE

A sustainable city brings widespread benefits that enhance the quality of life for everyone. The seven core themes of Sustainable Chicago come together to change the fabric of our city, enhancing neighborhoods, supporting economic opportunities and securing a more prosperous future for our city and residents.

STRENGTHENING NEIGHBORHOODS

In a sustainable Chicago our neighborhoods are now stronger and **more inviting places to live, work, and play**. Every neighborhood has a rebuilt or refurbished park or playground, every home has access to recycling and no resident lives in the shadow of an active coal plant. Neighborhoods across the city have been enhanced by over 2,000 CPS high school students who have had sustainability-focused summer jobs in their communities through the Greencorps Chicago Youth Program.

INVIGORATING THROUGH INFRASTRUCTURE

Each time we put a shovel in the ground it is an opportunity to plant seeds for our future. Infrastructure improvements lead to economic development. **Opportunities are unleashed in communities across the city** by improved transit and transit oriented development; investment downtown is inspired by Chicago's expanded Riverwalk; and workers use Chicago's first protected bike lane to connect to the growing tech hub in the Merchandise Mart.





ENGAGING ALL OF CHICAGO

Just like our natural ecosystems, Chicago's future depends on the success of our interconnected communities. Our path together is built block by block. Today **residents are deepening their commitments** to their neighborhoods through expanded ownership with the Large Lots program, the CTA is making it easier for every resident to move around Chicago with enhanced accessibility and Divvy's 4700+ bikes are increasingly available through Divvy for Everyone, one of the largest bike sharing equity programs in the nation.

CONNECTING RESIDENTS TO NATURE AND EACH OTHER

Living up to our motto "City In A Garden," Chicago is home to a growing number of wonderful public spaces where people can find a **calm oasis or a place to play** in the middle of our active city. From over 225 rebuilt or refurbished parks just around the corner to once-in-a-generation investments like Maggie Daley Park, Northerly Island, La Villita, Rosehill, the 606 and the Riverwalk, urban life in a sustainable city incorporates outdoor spaces and access to our natural environment.

INNOVATING AND PARTNERING

Chicago has always been a city of thinkers, dreamers, and entrepreneurs who found fertile ground in which to **grow big ideas**. The global economy is embracing clean technology, resource efficiency, and planet-friendly products and business models. Chicago is now home to Method Products' first North American manufacturing plant for sustainable home products and 21st century innovation and partnership are flourishing through entrepreneurial hubs like 1871, Coalition Energy, the Clean Energy Trust, Blue 1647, and more.



1 | ECONOMIC DEVELOPMENT AND JOB CREATION



Chicago's comprehensive approach to sustainability creates a foundation for the city to thrive not just environmentally, but economically. Accelerating sustainability makes good business sense, creates good-paying 21st century jobs for residents, attracts top talent to the city, and nurtures innovative ideas that will define tomorrow's economy. Chicago has grown the local clean-tech ecosystem to support job creation and continues to provide a base for local and international businesses, from micro-retail, to innovative start-ups, to established industry-leading corporations.



2012-2015 HIGHLIGHTS

- **The Greencorps Chicago Youth Program**, which launched in 2013, has provided paid, sustainability-focused summer jobs for over 2,000 youth over three years ; for the past 21 years Greencorps Chicago's adult program has provided training in environmental and natural area management careers to over 600 Chicago residents with barriers to employment. Since 2012, Greencorps has placed over 70% of those completing the program in a training related field
- **Method Products opened** a state of the art green manufacturing facility and created local jobs in Pullman after selecting Chicago for its first ever US manufacturing facility; Gotham Greens opened a 75,000 square foot rooftop farm on the roof of the Method facility
- Inc. Magazine named Chicago the second fastest growing city for small- and medium-sized businesses and The Economist and Citi ranked **Chicago #1 in the US** for environmental governance policies and ability to deal with environmental challenges

LOOK AHEAD

- **Serve 600 youth participants** with extended 7-week paid work opportunities while including 15 year-old participants for the first time in GreenCorps Chicago Youth Program's fourth summer
- **Launch full production at Gotham Greens**, the world's largest rooftop farm
- Welcome multiple **sustainability related conferences and events** including SustPack 2016, National Association of Environmental Professionals, Midwest Energy Solutions Conference and the Clean Energy Trust Challenge





2 | ENERGY EFFICIENCY AND CLEAN ENERGY



Energy use represents 71% of Chicago's greenhouse gas emissions, with a collective, citywide energy bill of more than \$3 billion per year. Chicago supports and celebrates efforts to curb energy use, costs, and environmental impact, while using new data and efficient technologies to inform better decisions on energy management. Through bulk-purchase programs and streamlined solar permitting, the city is also accelerating the adoption of renewable energy.



2012-2015 HIGHLIGHTS

- **Energy Benchmarking ordinance** passed with strong early implementation including 1,800+ buildings benchmarking in the second year, covering 20% of citywide building energy use
- **Retrofit Chicago** launched to accelerate energy efficiency in municipal, commercial, and residential buildings; to date, voluntary efficiency efforts include complete energy retrofitting of 60 municipal buildings, 50 commercial buildings (40M square feet) tracking toward 20% energy reduction within 5 years, and more than 20,000 residential unit retrofits
- **Chicago Solar Express** created a one-stop shop to help residents and businesses move to renewable power, with reduced costs and streamlined permits; this was followed by Solar Chicago, a bulk solar purchase program resulting in over 600kW of new solar capacity in the Chicago region

LOOK AHEAD

- Expand implementation of the Energy Benchmarking Ordinance to include **all municipal, commercial, and residential buildings** larger than 50,000 square feet
- Accelerate **smart, efficient street lighting** across Chicago
- Work with utilities and state officials in anticipation of the **Clean Power Plan**
- Complete citywide **smart grid roll-out**, in collaboration with local utility partners





3 | TRANSPORTATION OPTIONS



Transportation serves as our city's backbone and circulatory system while linking Chicago to the national and global economy. Public transit offers efficient, convenient, economical, active, and fun ways to move around the city for work and play. Train ridership is up, and alternative transit opportunities like biking are growing rapidly. Chicago's sustainable transportation options enable local and national businesses to thrive while connecting our residents with the people and places they love.



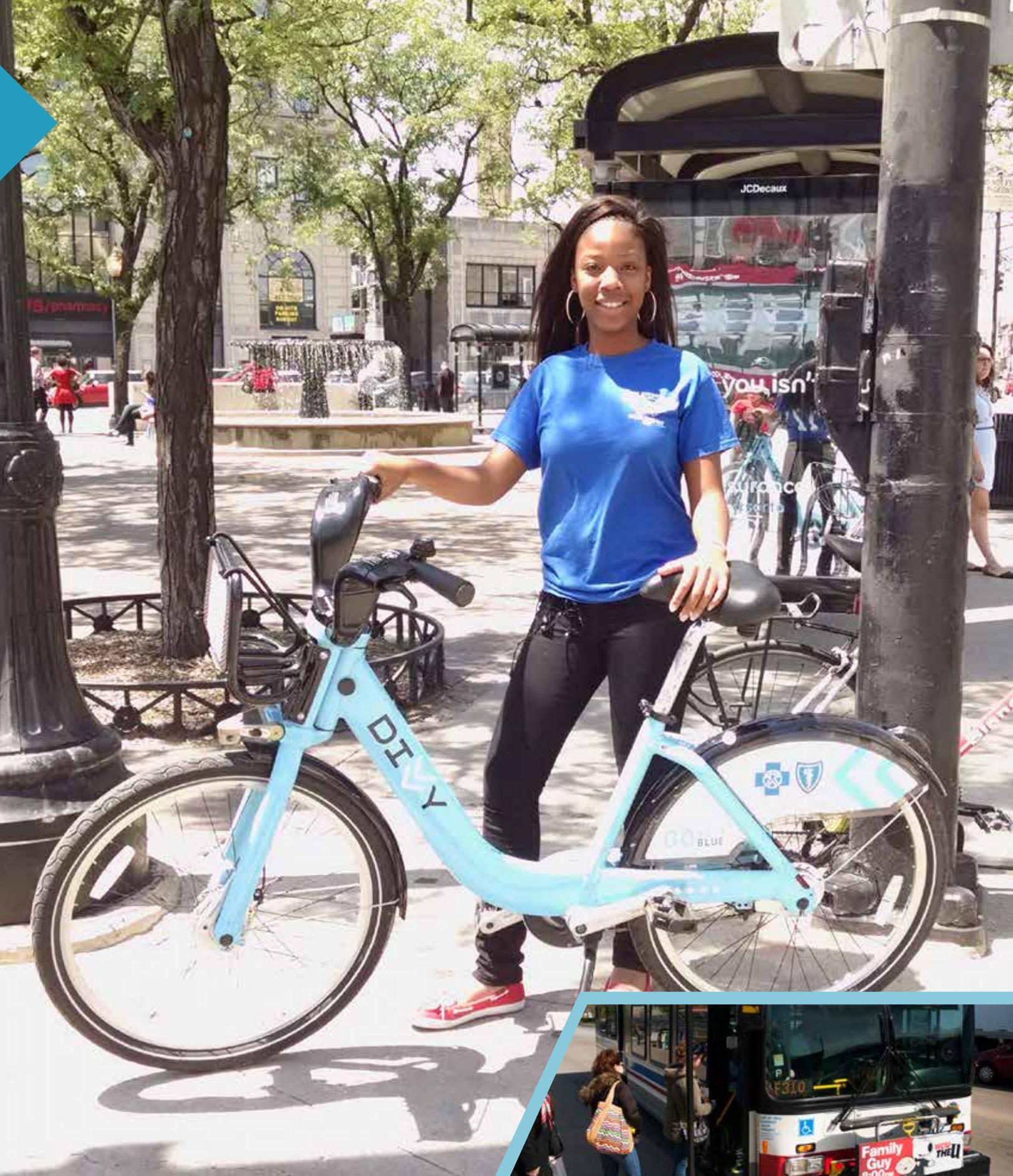
2012-2015 HIGHLIGHTS

- Chicago has risen to **#2 in bike friendly cities** supported by the creation of 100 miles of better bike lanes and the launch and expansion of the Divvy bike share program to 4,760 bikes parked across the City in solar powered stations
- Real estate development in walkable locations has been incited through two **transit oriented development ordinances**, which will drive hundreds of millions of dollars in economic activity and tax revenue
- Modernized and expanded train capacity including the **CTA Red Line South reconstruction**
- Opened the **Loop Link**, a bus and bicycle project, that will improve CTA bus service and provide an alternative to congestion for commuters downtown

LOOK AHEAD

- Complete reconstruction of the **Wilson L station** in Uptown and the **95th Red Line Transit Center** and complete a new **Washington/Wabash L station**, providing a new transit gateway to the Loop and Millennium Park
- Construct **50 additional miles of better bike lanes**
- **Add over 500 new bikes** and continue to boost Divvy ridership by reducing financial barriers for low, middle-income and unbanked Chicagoans
- Continue to create **connections for walking, biking and recreation** by completing pedestrian and bicycle bridge projects along the lakefront and Chicago River





4 | WATER AND WASTEWATER



Chicago is a city shaped by water. Expanded access, stronger infrastructure and enhanced storm water management help to protect our spectacular lake and rivers, connect us with Chicago's heritage, create new ways to enjoy the city, and ensure that future generations will continue to benefit from Chicago's unique access to the Great Lakes ecosystem. Chicago's river assets, home to over 70 species of fish, are increasingly part of daily life as residents and visitors alike visit the expanded riverwalk or kayak on the water.



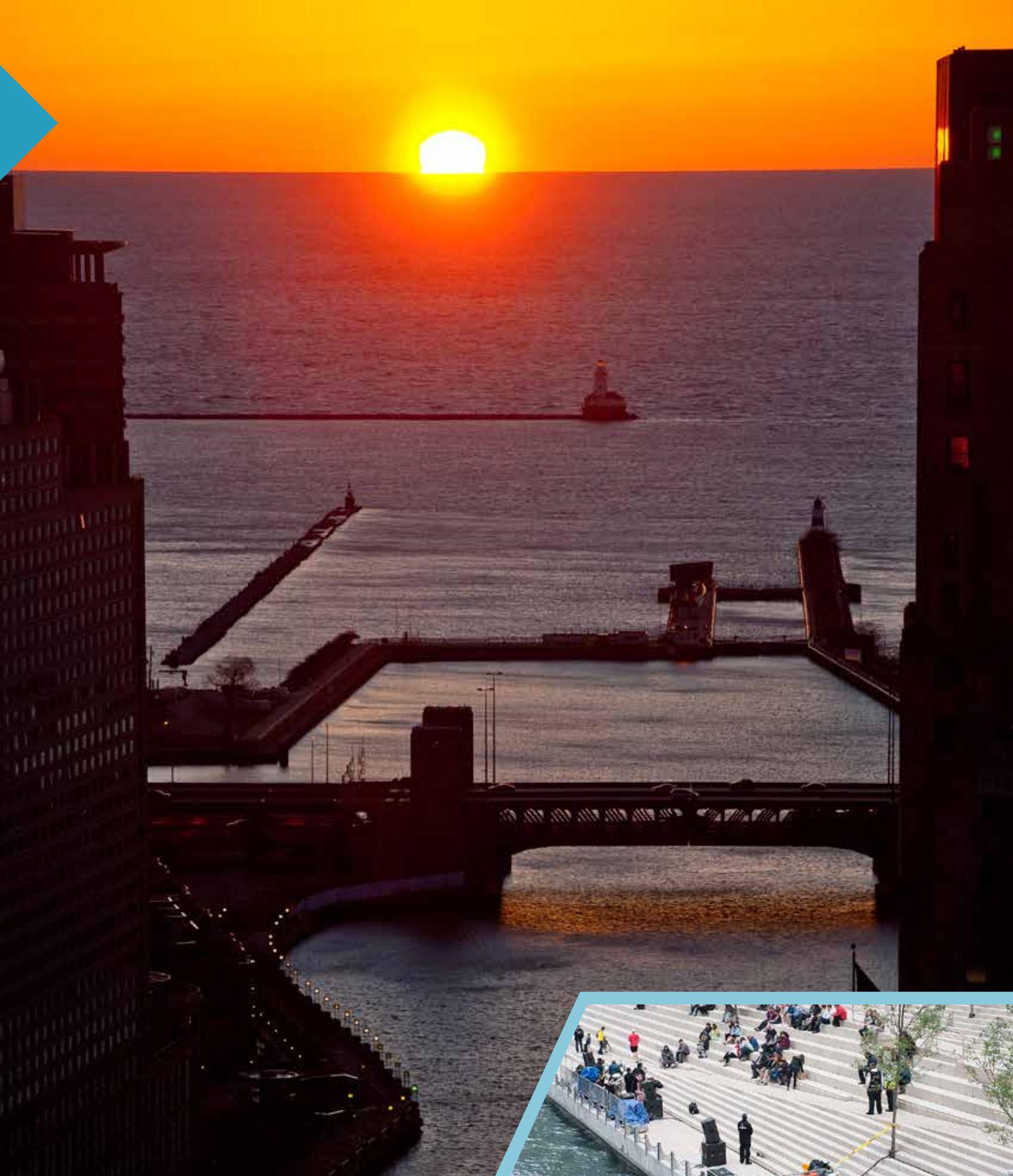
2012-2015 HIGHLIGHTS

- **Expanded Chicago Riverwalk by three blocks**, bringing residents, visitors and investment to the water's edge
- Opened three **new public boathouses** at Clark Park, River Park and Ping Tom Park providing new opportunities for rowing and riverfront recreation
- **Launched \$50 million green infrastructure fund** and completed the first projects including 6 school campuses
- **Installed 50,000 residential water meters** through the City's MeterSave program to help residents across the city conserve water and reduce costs
- **Replaced 320 miles of water mains**, replaced or relined 275 miles of sewer mains, lined 56,000 sewer structures, and installed over 71,000 water meters

LOOK AHEAD

- Continue construction of three additional blocks of the Chicago Riverwalk from LaSalle to Lake Street - when completed there will be **1.25 miles of continuous trail along the Main Branch of the Chicago River**
- **Replace 90 miles of water mains**; replace or build 22 miles of sewer mains; re-line 53 miles of sewer mains; re-line 14,000 sewer structures in 2016
- Install **15,000 additional residential meters** through MeterSave in 2016
- **Open Chicago's 4th boathouse** in Bridgeport





5 | PARKS, OPEN SPACE AND HEALTHY FOOD



Chicago has made great strides in living up to its 178-year old motto, “City in a Garden.” By creating, enhancing, and preserving public space, we ensure that all residents have vibrant spaces to gather, play, relax, cultivate food, and enjoy nature. Chicago has invested in multiple game-changing park locations and transformative smaller local projects that will continue to serve the city for decades to come.



2012-2015 HIGHLIGHTS

- Chicago Park District became the largest urban park system to win the **National Gold Medal Award for Excellence in Park and Recreation Management**
- Once in a generation parks were opened: **Northerly Island, 606, Rosehill, La Villita and Maggie Daley**. Rebuilt or refurbished **225 playgrounds** throughout the city through Chicago Plays!
- Established 19 permanent **NeighborSpace community gardens**
- **Large lots program** launched and expanded to include Roseland, Pullman, Englewood, East Garfield, and Austin communities; the city has closed on over 500 vacant lots
- Hosted workshops **for local food producers** to accelerate local growth to supply a new Whole Foods retail store in Englewood

LOOK AHEAD

- **Complete rebuilding and refurbishing 325 playgrounds** ahead of schedule for ChicagoPlays!
- Construct 100 more **learning gardens in schools**
- **Open Theater on the Lake** in the fall 2016 following completion of shoreline stabilization and the addition of 5.8 acres of new open space. Theater on the Lake includes new performance space and concession space with outdoor seating





6 | WASTE AND RECYCLING



Chicago is no longer a tale of two cities with respect to residential recycling. As of 2014, for the first time in Chicago's history, every resident of the city has regular access to curbside recycling services. Furthermore, the city now enjoys greater efficiency in neighborhood waste pickup, and Chicago continues to emphasize landfill waste diversion of construction waste and organic material.



2012-2015 HIGHLIGHTS

- Expanded **curbside residential recycling to 400,000** new households, completing citywide service roll-out and launched new recycling education website at: <http://www.recyclebycity.com/chicago>
- Adopted a new **composting ordinance to support urban agriculture**
- Implemented **grid-based garbage pickup** to improve service, reduce cost, and save fuel
- **Reused city infrastructure by moving and restoring the Ashland Avenue bridge** for re-use as part of the 606 elevated bike and pedestrian path

LOOK AHEAD

- Modernize the Chicago High Density Residential and Commercial Source Reduction and **Recycling Ordinance** and increase citywide recycling
- **Expand messaging** and resident engagement in support of citywide recycling and the goal to “go bagless”
- **Broaden use of recycled content** across the city through delivery of Sustainable Urban Infrastructure Guidelines in transportation projects





7 | CLIMATE CHANGE



Thanks to modern urban design, public transportation and ongoing engagement, per-capita greenhouse gas emissions are lower in Chicago than in the surrounding areas. Every time a business or resident moves into the city it is a win for our local economy and the global climate. By securing clean air and reducing carbon pollution, we have improved Chicago's quality of life and embraced our responsibility to reduce global climate risk. Chicago is also strengthening infrastructure and engagement to help mitigate future impact of extreme weather and other climate-related threats.



2012-2015 HIGHLIGHTS

- **Closed the last two coal plants** in urban America which operated in Pilsen and Little Village
- Procured **coal-free electricity** for city-owned and operated facilities
- **Banned petroleum coke** (a byproduct of oil refining) storage within Chicago city limits, which threatened local air quality
- **Joined global Compact of Mayors**, an international commitment to greenhouse gas emission tracking, transparency, and action

LOOK AHEAD

- Begin to install **networked environmental sensors** to create new, publicly-available climate data through the Array of Things project
- Conduct citywide **greenhouse gas emissions inventory** based on 2015 data in partnership with CMAP
- Create the new role of Chief Resilience Officer and accelerate resilience planning in partnership with **100 Resilient Cities**
- **Pilot a new sensing ecosystem on stormwater** management through the Smart Green Infrastructure Monitoring project with City Digital, a UI Labs Collaboration





Chicago has delivered transformational achievements in each of the seven core themes of Sustainable Chicago 2015. Through hard work, partnership, inclusion and innovation over 80% of the 24 goals that were established in 2012 have achieved “advanced” results. Throughout each of the past three years every goal and action has been reviewed for annual progress. The detailed results can be found on the next few pages

Sustainability in Chicago is “24/7.” The City will continue to build on this strong foundation with additional planning and delivery in the years ahead.

REFER TO THIS KEY FOR GOALS AND ACTIONS PROGRESS

GOAL PROGRESS: EARLY

MODERATE ADVANCED

RESIDENT ENGAGEMENT OPPORTUNITY:

1 ECONOMIC DEVELOPMENT AND JOB CREATION

- 01 Establish Chicago as a hub for the growing sustainable economy 
- 02 Accelerate the economy in Chicago by assisting people and companies in adopting sustainable practices  

2 ENERGY EFFICIENCY AND CLEAN ENERGY

- 03 Improve citywide energy efficiency by 5%  
- 04 Improve overall energy efficiency in municipal buildings by 10% 
- 05 Create an additional 20 MW of renewable energy, consistent with the Illinois Renewable Portfolio Standard  

3 TRANSPORTATION OPTIONS

- 06 Increase average daily transit ridership  
- 07 Accelerate transit-oriented development around transit stations 
- 08 Make Chicago the most bike and pedestrian friendly city in the country  
- 09 Improve freight movement and accelerate high-speed passenger rail projects 
- 10 Advance sustainability leadership at Chicago's airports 
- 11 Strengthen the infrastructure to advance vehicle efficiency  
- 12 Reduce municipal fossil fuel consumption by 10% 

4 WATER AND WASTEWATER

- 13 Decrease water use by 2% (14 million gallons per day) annually  
- 14 Enhance stormwater management to reduce sewer overflows and basement flooding  
- 15 Transform the Chicago River into our second waterfront  
- 16 Protect water quality and enhance access to Lake Michigan  

5 PARKS, OPEN SPACE AND HEALTHY FOOD

- 17 Increase the number of public spaces and parks accessible for Chicagoans  
- 18 Increase options for accessing local or healthy food in every neighborhood  
- 19 Improve and protect Chicago's natural assets and biodiversity  

6 WASTE AND RECYCLING

- 20 Increase access to recycling and improve policies to promote waste reduction and re-use  
- 21 Incorporate standard green practices in all City operations 

7 CLIMATE CHANGE

- 22 Reduce carbon emissions from all sectors  
- 23 Improve local air quality by accelerating performance toward federal standards and decreasing greenhouse gas emissions 
- 24 Protect the city and its residents by preparing for changes in the climate  

ACTIONS

ECONOMIC DEVELOPMENT AND JOB CREATION

1.1	Increase investment and research through activities including a Chicago clean tech summit and sharing of sustainability-related data	
1.2	Implement new technologies to advance sustainable solutions by using smart grid and clean energy applications	
1.3	Recruit the companies and individuals with the most innovative clean energy and sustainability solutions to Chicago; start by convening or hosting a major clean energy and sustainability conference in Chicago every year	
1.4	Increase demand for sustainable products and approaches by adopting a green procurement policy	
2.1	Double the number of offices and businesses making operations more sustainable through efforts like the Green Office Challenge and Chicago Sustainable Industries	
2.2	Support sustainability and green building education for the public through programming at the Chicago Center for Green Technology and other partnerships	
2.3	Determine training gaps based on planned investments, and expand educational and training opportunities in environmental programs at City Colleges, Chicago Public Schools, and Greencorps Chicago along with departments' and sister agencies' work with the community	
2.4	Identify, prioritize, and eliminate code barriers to sustainable practices	

ENERGY EFFICIENCY AND CLEAN ENERGY

3.1	Support homes and businesses to achieve 20% energy efficiency improvement through Retrofit Chicago, including residential energy efficiency zones and the Commercial Buildings Initiative	
3.2	Support and advance the installation of smart meters in Chicago's businesses and households	
3.3	Double the number of LEED-certified buildings	
3.4	Include energy efficient technologies in all street lighting replacements	
3.5	Enhance local policies to support greater transparency in energy use and building energy performance	
3.6	Update the energy code for new construction and significant renovations	
4.1	Target 10 million square feet of municipal buildings for energy reduction of 20%	
4.2	Achieve at least 10% improvement in energy efficiency in all CPS school operations, targeting a 50% school participation rate through a shared energy savings program	
4.3	Double the number of LEED-certified public buildings	
4.4	Track and report energy consumption at City facilities	
5.1	Install 10 MW of renewable energy on City properties	
5.2	Explore locally-produced, renewable energy opportunities as a part of new approaches to procuring power	
5.3	Cut the solar permit approval time in half, and reduce the complexity for zoning for local solar installations	
5.4	Work with ComEd, the State of Illinois, and other partners to assist in achieving the Illinois Renewable Portfolio Standard goals of 9% of electricity coming from renewable energy by 2015 and 25% by 2026	

TRANSPORTATION OPTIONS

6.1	Complete full reconstruction of Dan Ryan (southern) branch of the Red Line, complete facelifts for seven stations on the north Red Line. Take the first step toward full Red and Purple Line modernization with a complete reconstruction of Wilson (Red) structure	
6.2	Complete renewal of 100 train stations with work focusing on lighting, painting, masonry and waterproofing, ensuring they are "safe, dry, and bright"	
6.3	Replace or rebuild more than 1,500 CTA buses with new, low-emission buses and replace or rebuild nearly 1,000 CTA rail cars	
6.4	Install Bus Tracker LED signs at a total of 400 bus shelters and bus turnarounds. Install Train Tracker signage, announcement systems, and other technological amenities in all rail stations	
6.5	Launch Bus Rapid Transit (BRT) with a pilot route on Jeffrey Corridor and a full route downtown. Plan for additional corridors	
6.6	Implement a travel demand management program to connect people with commuting options	
7.1	Amend the Chicago Zoning Ordinance by adding a definition for Transit Oriented Development to enable and encourage more developments near transit stations and to ensure that bulk, density, and parking ratios of the Code meets the needs of those developments	
7.2	Identify additional "pedestrian streets" (as defined in the zoning code) around CTA stations	
7.3	Coordinate transit improvements with streetscape improvements and complete street implementation	
8.1	Add 100 miles of protected bike facilities	

TRANSPORTATION OPTIONS (cont'd)

8.2	Launch a bike sharing system with 4,000 bicycles and 400 stations	
8.3	Release a pedestrian master plan to improve health and safety	
8.4	Enhance, adopt and use the revised Complete Streets Guidelines to ensure enjoyable, safe, attractive, pedestrian-friendly streets. Complete Irving Park Road and Lawrence Avenue pilots	
8.5	Reduce bicycle and pedestrian fatalities by focusing improvements on the top crash locations	
9.1	Coordinate efforts with Metra as the Englewood Flyover project begins construction for completion in 2014	
9.2	Identify additional available funding sources and work with CREATE partners to apply for grants, as appropriate	
9.3	Modernize Union Station to expand its role as a transportation hub	
10.1	Pursue significant infrastructure investments to reduce airport emissions, enhance multi-modal connections, generate regional revenue, and improve travel experience for millions of Chicago visitors	
10.2	Advance strategies to reduce airport energy consumption by 15%, divert 50% of airport waste, and maintain a fleet with 20% low-emission vehicles and develop innovative approaches to airport operations such as a large-scale solar development, alternative fueling infrastructure, a green concessions program, and sustainable land management practices	
10.3	Lead in exploring innovative technologies, practices, and partnership opportunities, including biofuels development through the Midwest Aviation Sustainable Biofuels Initiative	
11.1	Improve traffic signal timing for cars and buses to reduce idling time	
11.2	Achieve a taxi fleet comprised of 75%-80% hybrid or compressed natural gas vehicles	
11.3	Install a dense network of electric vehicle charging stations	
11.4	Encourage the use of clean fuels, clean vehicle technologies and develop alternative fuel infrastructure in partnership with the Chicago Area Clean Cities Coalition	
12.1	Reduce number of vehicles in the City's fleet	
12.2	Increase efficiency of garbage services with street grid-based pick-up routing	
12.3	Replace 3%-5% of on-road fleet vehicles with green fleet annually	
12.4	Reduce energy intensity of CTA rail service by 12% from 2011 levels	

WATER AND WASTEWATER

13.1	Meter 50% of all water accounts	
13.2	Replace 320 miles of water main by 2015 to achieve replacement of 900 miles within the next decade	
13.3	Collaborate on grey water policy, including codes, to allow for expanded uses	
13.4	Pilot water reduction programs and technologies at City-owned facilities	
13.5	Track and report water use in city facilities	
13.6	Launch a water conservation strategic plan that lays out Chicago's plans to meet water conservation goals	
14.1	Create a comprehensive green infrastructure plan that is embedded in the capital budgeting process	
14.2	Explore partnerships with the Metropolitan Water Reclamation District to implement neighborhood-level green infrastructure pilots focused on reducing basement flooding	
14.3	Convert 1.5 million square feet of impermeable surface into pervious surfaces every year	
14.4	Replace or reline 275 miles of sewer main and line 56,000 structures (to achieve a total replacement or relining of 700 miles of sewer main, and total relining of 160,000 catch basins within the next decade)	
14.5	Support the completion of the first stage of the Tunnel and Reservoir Plan	
14.6	Increase opportunities to return rainwater to Lake Michigan	
15.1	Add to riverfront trail where gaps exist and continue to identify additional opportunities to create connections	
15.2	Create new recreational opportunities along the river, including the construction of four new boathouses	
15.3	Support disinfection of sewage discharged into the Chicago River	
15.4	Collaborate with key stakeholders to advance Chicago River revitalization efforts	

WATER AND WASTEWATER (cont'd)

16.1	Create better lakefront access with infrastructure improvements such as the Navy Pier bicycle and pedestrian flyover	
16.2	Decrease bacteria sources into the Lake to reduce the swim advisory days	
16.3	Use the latest technology to provide faster, more accurate information about beach water quality to the public, including real-time weather and water data	
16.4	Reduce salt usage in all snow removal programs	

PARKS, OPEN SPACE AND HEALTHY FOOD

17.1	Invest in innovative new public spaces, including the Make Way For People initiative, to create open, active streets	
17.2	Increase number and varieties of programs for residents through the Chicago Park District, community groups and other partnerships	
17.3	Increase Chicago Park District acreage by more than 180 acres	
17.4	Open Bloomingdale Trail, open North Grant Park (a 16-acre innovative and environmentally sustainable park) and open new LEED-certified field houses in at least two parks	
17.5	Support the access to, integration and promotion of cultural elements in public spaces	
18.1	Double the number of acres of urban agriculture	
18.2	Provide LINK card assistance at all farmers markets	
18.3	Create partnership opportunities for regional businesses and farms that deliver healthy food into the city	
18.4	Encourage more individual production of healthy food on public and private spaces	
19.1	Drive habitat restoration and public engagement in Calumet region	
19.2	Increase and protect habitat that is friendly to birds and other species. Restore at least 40 acres of land on Northerly Island in support of this effort	
19.3	Protect the tree canopy in the public right-of-way; support tree canopy work on other land	
19.4	Continue to enforce terrestrial and aquatic invasive species ordinance and work with state and federal partners on regional coordination on prevention	

WASTE AND RECYCLING

20.1	Expand the Blue Cart Recycling Program to all 600,000 City-collected households	
20.2	Improve policies to promote recycling, composting, and building material re-use	
20.3	Pilot and scale best practices for waste reduction at a major festival	
20.4	Divert 75% of eligible municipal construction waste	
20.5	Meet or exceed recycling goals at 75% of public schools	
21.1	Use recycled content materials in every construction project	
21.2	Make as many city processes as paperless as possible	
21.3	Implement a sustainable operations plan for city facilities	

CLIMATE CHANGE

22.1	Report updates on carbon emissions	
22.2	Partner with universities to use Chicago as a laboratory for climate research and data gathering	
22.3	Increase community engagement to make Chicago more sustainable	
23.1	Close Fisk and Crawford generating stations earlier than planned, benefiting the city with reduced air pollution	
23.2	Reduce Chicago Transit Authority bus particulate matter emissions by 50 percent and nitrous oxide emissions by 30 percent while maintaining bus service levels	
23.3	Implement the Chicago Clean Diesel Construction Ordinance's Clean Fleet Score and ban high polluting equipment and vehicles on City projects starting in 2014	
24.1	Prepare for the human impacts of climate change by supporting people with information and services, such as cooling centers	
24.2	Prepare the natural environment for climate impacts and maintain biodiversity	
24.3	Prepare the infrastructure for climate change by reducing the urban heat island effect, managing flooding from high-intensity storm events, and strengthening resiliency to extreme weather	



THANK YOU

Over the past few years we have worked together to make Chicago healthier, more vibrant, and more competitive, providing a focus on the 21st century jobs and stronger neighborhoods across our city.

Sustainability and a focus on the environment have a long heritage and bright future in Chicago. From the very motto selected by our founding Chicagoans, “City in a Garden,” through the protection of our lakefront, to the creation of our park system, we have always incorporated local nature and our unique Great Lakes location into our city. As we built Chicago we constructed the world’s first skyscraper, brought visionary and thoughtful urban planning to life, and even named our downtown the “Loop” for the sustainable transportation that loops around it. The 21st century brings new opportunities to build on this foundation, addressing the need for low carbon systems and living, protecting our lake and river, and including all Chicagoans as we build the path ahead.

A more Sustainable Chicago would not be possible without extraordinary engagement and partnership. Thank you to the multiple partners who have helped develop and deliver new programs and policies. Thank you to the many individuals and organizations who are strengthening our infrastructure. Thank you to the companies and entrepreneurs who are creating new products and services that make sustainable choices easier and more compelling. Thank you to the funders whose support enables both testing and scaling. Thank you to the students of all ages who continue to ask great questions and find new answers. And thank you to our fellow Chicago residents who find ways every day to make our city a better home for us all.

We look forward to your ongoing participation and partnership as we continue to make Chicago one of the world’s most livable, competitive and sustainable cities.

Yours,

Karen Weigert
Chief Sustainability Officer
Office of the Mayor
City of Chicago
@SustainChicago
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STUDIO  DESIGN



