

2015 SUSTAINABLE CHICAGO ACTION AGENDA

6-MONTH UPDATE

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In September 2012, Mayor Emanuel unveiled the *Sustainable Chicago 2015 Action Agenda*, which offers concrete initiatives, strategies, and metrics to advance Chicago's goal of becoming the most sustainable city in the country. The plan builds on Chicago's rich heritage of innovation and leadership on issues such as energy efficiency, transportation, smart resource use, and responsible action on climate change that shape how Chicagoans live, work, and play.

Launching *Sustainable Chicago 2015*, Mayor Emanuel underscored the economic and environmental opportunity to **"create jobs and foster opportunities for Chicagoans to make sustainability a part of their lives and their experience of the city."** These efforts are rooted in sustainability partnership and collaboration, as we take action to improve quality of life and economic opportunity for all of our city's residents.

Over the last 6 months, the City and organizations throughout Chicago have been hard at work to make this plan a reality. In this first *Sustainable Chicago 2015* update, we feature exciting progress and concrete action across 22 of the 24 goals articulated in the plan (see right panel). We are glad to share this interim update on each of *Sustainable Chicago 2015's* 7 strategic themes, including the following highlights:

- » GreenCorps youth program creates 600 green summer jobs
- » Energy use reduction through Retrofit Chicago's Commercial Buildings Initiative doubles to include 28M square feet
- » Chicago's taxi fleet achieves 416% increase in fuel efficient and alternative fuel vehicles; City is on-track to reach 80% green taxi fleet by 2015
- » "Farmers For Chicago" network supports urban entrepreneurs
- » City announces plan to complete downtown Riverwalk
- » Blue Cart recycling expands bi-weekly curbside pickup, with citywide coverage by year-end 2013
- » Chicago named 2013 Earth Hour Climate leader by World Wildlife Fund

SUSTAINABLE CHICAGO 2015 GOALS

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



1 ECONOMIC DEVELOPMENT AND JOB CREATION

BUILDING A VIBRANT ECONOMY ON 21ST CENTURY INFRASTRUCTURE

6-MONTH UPDATE

GOALS

- 1 ESTABLISH CHICAGO AS A HUB FOR THE GROWING SUSTAINABLE ECONOMY
- 2 ACCELERATE THE ECONOMY IN CHICAGO BY ASSISTING PEOPLE AND COMPANIES IN ADOPTING SUSTAINABLE PRACTICES

SELECTED UPDATES

- » **GREENCORPS YOUTH PROGRAM CREATES 600 GREEN SUMMER JOBS:** *GreenCorps* youth program will offer sustainability-related summer jobs in urban agriculture and bike maintenance, with 120 year-round opportunities (Feb 2013)
- » **CITYWIDE COMPETITION PROMOTES CORPORATE OFFICE SUSTAINABILITY:** Round III of *Chicago's Green Office Challenge* strengthens commercial competitiveness through energy and water efficiency, waste reduction, and employee engagement, offered by the *Mayor's Office*, *Delta Institute*, *ICLEI*, and *Office Depot* (Jan 2013)
- » **CHICAGO DATA PORTAL FEATURES 84 SUSTAINABILITY DATASETS:** *Chicago Department of Innovation and Technology* is driving awareness and engagement through data on energy, transportation, green roofs, farmers markets, and related sustainability topics (ongoing)
- » **CHICAGO HOSTS PREMIERE REGIONAL CLEAN TECH BUSINESS COMPETITION:** 16 clean tech teams competed for \$350,000 in cash prizes in *Clean Energy Trust's* 3rd annual Clean Energy Challenge (Apr 2013)
- » **CHICAGO REGION SELECTED AS NATIONAL HUB FOR ENERGY STORAGE RESEARCH:** *Argonne National Laboratory* will lead \$120M, five-year battery technology grant through *US Department of Energy* (Dec 2012)
- » **WBC LAUNCHES CHICAGONEXT COUNCIL ON INNOVATION AND TECHNOLOGY:** *World Business Chicago* collaboration is promoting entrepreneurship, investment, and job creation in the digital, bioscience, and clean technology sectors (Oct 2012)
- » **GREENCORPS RECEIVES \$396,000 BROWNFIELDS ASSESSMENT GRANT:** *Great Lakes Restoration Initiative* funding through *US Environmental Protection Agency* and *Illinois Department of Natural Resources* will support ecological restoration and job training in the Calumet Region (Mar 2013)
- » **SMITH TO OPEN ELECTRIC VEHICLE MANUFACTURING FACILITY IN CHICAGO:** *Smith Electric Vehicles* and *World Business Chicago* confirmed plans for a new Chicago plant (Dec 2012)
- » **PARTNERS PLAN FOR FISK AND CRAWFORD REDEVELOPMENT:** *The Delta Institute*, *The Joyce Foundation*, and *The MacArthur Foundation* published a vision for decommissioned Crawford and Fisk coal power plant facilities (Sep 2012)
- » **"BUILDING A SUSTAINABLE REGION" HIGHLIGHTS INNOVATIVE PRACTICES AMONG GLOBAL BUSINESSES:** Report by *Chicago's Green Ribbon Committee* and the *Chicago Region Corporate Sustainability Working Group* explores business impact of sustainable local practices, with support from *Edelman* and *Studio V Design* (Mar 2013)
- » **INNOVATIVE INCENTIVE ENCOURAGES ELECTRIC AND ALTERNATIVE FUEL VEHICLE CONVERSIONS:** \$15M point-of-sale and infrastructure incentives announced by the *Congestion Mitigation and Air Quality Improvement Program*, *Chicago Metropolitan Agency for Planning*, and *Chicago Department of Transportation* will promote green fleet conversions (Dec 2012)
- » **CHICAGO BECOMES A NATIONAL DESTINATION FOR SUSTAINABILITY GATHERINGS:** Since October, Chicago has hosted national meetings of the *Global Green Roof Industry*, *Airports Going Green*, the *American Planning Association*, and the *Green Meeting Industry Council* (ongoing)
- » **GUGGENHEIM EXPANDS HEADQUARTERS IN RETROFIT CHICAGO PARTICIPATING BUILDING:** *Guggenheim Partners* announced 200 new jobs to be located in *Tishman Speyer's Franklin Center* (Feb 2013)

2 ENERGY EFFICIENCY AND CLEAN ENERGY

PROMOTING CLEAN, AFFORDABLE AND EFFICIENT ENERGY

6-MONTH UPDATE

GOALS

- 3 IMPROVE CITYWIDE ENERGY EFFICIENCY BY 5%
- 4 IMPROVE OVERALL ENERGY EFFICIENCY IN MUNICIPAL BUILDINGS BY 10%
- 5 CREATE AN ADDITIONAL 20 MW OF RENEWABLE ENERGY, CONSISTENT WITH THE ILLINOIS RENEWABLE PORTFOLIO STANDARD

SELECTED UPDATES

- » **RETROFIT CHICAGO'S COMMERCIAL BUILDINGS INITIATIVE DOUBLES IN SIZE:** Voluntary energy efficiency leadership effort reaches 28M square feet of office, hotel, residential, and institutional space, supported by the *Mayor's Office, C40 Cities Climate Leadership Group, Natural Resources Defense Council, BOMA Chicago, World Business Chicago, The Joyce Foundation, Midwest Energy Efficiency Alliance, Chicago Metropolitan Agency for Planning, ComEd, Peoples Gas, CB&I, US Equities Realty, Sieben Energy Associates, and Positive Energy Practice* (Mar 2013)
- » **RESIDENTIAL FOCUS OF RETROFIT CHICAGO ACCELERATES ENERGY EFFICIENCY IN COMMUNITY INNOVATION ZONES:** Residential partnership helps owners easily and affordably retrofit thousands of homes throughout the city, in collaboration with *Energy Impact Illinois, Chicago Metropolitan Agency for Planning, CNT Energy, Historical Chicago Bungalow Association, Delta Institute, Community Investment Corporation, IFF, and the Chicago Department of Housing and Economic Development* (ongoing)
- » **SHEDD AQUARIUM TO CUT ENERGY CONSUMPTION IN HALF BY 2020:** Retrofit Chicago participant *Shedd Aquarium* offers model for energy use reduction, in partnership with *Illinois Science and Technology Coalition, Institute for Sustainable Energy Development, Citizens Utility Board, and West Monroe Partners* (Jan 2013)
- » **MUNICIPAL ELECTRICITY AGGREGATION MOVES CHICAGO RESIDENTS AWAY FROM COAL-GENERATED ENERGY:** The City of Chicago's no-coal contract, developed in consultation with sustainability and consumer protection community stakeholders including *Sierra Club Illinois and Citizens Utility Board*, is saving residents and small businesses 22% on their first bills for electricity generated without coal; power is being provided by *Integrus Energy Services* (Dec 2012)
- » **DOUBLE LEED PLATINUM RATING FOR CHICAGO CENTER FOR GREEN TECHNOLOGY:** *Chicago Center for Green Technology* received the highest level green building certification with support from *University of Illinois, ComEd, and Nelson* (Jan 2013)
- » **MEDICAL FACILITIES EXPLORE ENERGY EFFICIENT HEALTHCARE SOLUTIONS:** *Chicago Green Healthcare Initiative* convenes 21 healthcare facilities to drive cost-effective greenhouse gas reductions and improve health infrastructure, in partnership with *The Joyce Foundation, Global Philanthropy Partnership, and US Environmental Protection Agency* (ongoing)
- » **ENERGY SAVERS RETROFITS 1,900 APARTMENT UNITS FROM OCTOBER-MARCH:** *CNT Energy and Community Investment Corporation's* 1-stop multifamily building efficiency shop has now completed a total of 11,050 apartment unit retrofits in 314 buildings, leveraged \$10M financing, cut 13,965 metric tons of emissions, and created more than 400 jobs (Mar 2013)
- » **ANAEROBIC DIGESTER WILL PRODUCE HEAT AND ELECTRICITY FOR VERTICAL FARM ON SOUTHWEST SIDE:** *The Plant* announced groundbreaking on an anaerobic digester that will convert 5,000 tons of organic waste per year into methane-based biogas (Oct 2012)
- » **BROOKINGS INSTITUTION AND ROCKEFELLER FOUNDATION RECOGNIZE CHICAGO AMONG TOP 10 STATE AND METROPOLITAN "INNOVATIONS TO WATCH":** Creation of the *Chicago Infrastructure Trust* and the *City of Chicago's* plans to leverage private investment for public asset retrofit projects have received national acclaim (Jan 2013)
- » **CONSTRUCTION BEGINS ON AFFORDABLE HOUSING RETROFITS AND RENEWABLES:** *Hispanic Housing Development Corporation's Affordable Community Energy* launched a 1,170-unit retrofit construction initiative, with funding from *Department of Housing and Urban Development, Illinois Department of Commerce and Economic Opportunity, Enterprise Green Communities Foundation, and The Joyce Foundation* (Mar 2013)
- » **SOLAR INSTALLERS TRAINED ON STREAMLINED ZONING AND ONE-DAY EXPEDITED PERMITTING PROCESS:** Collaborative effort by *US Department of Energy's SunShot Initiative, Environmental Law Policy Center, West Monroe Partners, Chicago Department of Housing and Economic Development, and Chicago Department of Buildings* has reduced solar permit fees and clarified zoning (Mar 2013)

3

TRANSPORTATION OPTIONS

CREATING HEALTHY COMMUNITIES AND CONNECTED NEIGHBORHOODS

6-MONTH
UPDATE

GOALS

- 6 INCREASE AVERAGE DAILY TRANSIT RIDERSHIP
- 7 ACCELERATE TRANSIT-ORIENTED DEVELOPMENT AROUND TRANSIT STATIONS
- 8 MAKE CHICAGO THE MOST BIKE AND PEDESTRIAN FRIENDLY CITY IN THE COUNTRY
- 9 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%

SELECTED UPDATES

- » **CHICAGO'S TAXI FLEET ACHIEVES 416% INCREASE IN FUEL-EFFICIENT AND ALTERNATIVE FUEL VEHICLES:** 3,500 (51%) vehicles in Chicago's taxi fleet are now hybrids or run on alternative fuels, under the City's taxi ordinance passed last year (Feb 2013)
- » **CITY EXPANDS COMMITMENT TO GREEN VEHICLES:** *Chicago Department of Fleets and Facilities Management* will add 20 light, medium, and heavy-duty electric vehicles to city fleet, in keeping with goal of increasing green alternative vehicles by 3% per year (Dec 2012)
- » **DEPARTMENT OF BUSINESS AFFAIRS AND CONSUMER PROTECTION NAMED 2012 CLEAN FUELS CHAMPION:** The *Chicago Area Clean Cities Coalition* honored the City for implementing positive change in Chicago's taxi industry by dramatically increasing the number of hybrid and alternative fuel vehicles in the fleet (Jan 2013)
- » **LAUNCH OF "A SUSTAINABLE PATH: MAKING OUR AIRPORTS ASPIRATIONAL":** *Chicago Department of Aviation's* sustainability plan sets forth ambitious goals in the areas of ground transport, energy, waste, natural resources, and community (Nov 2012)
- » **BUS RAPID TRANSIT EXPANDS QUICK, RELIABLE, CONVENIENT STREET TRANSPORTATION:** The launch of *Chicago Transit Authority* and *Chicago Department of Transportation's* Jeffery Jump is the first of several routes and lane configurations that will enhance service and comfort while connecting communities, with support from *Chicago Community Trust, Metropolitan Planning Council, Chicago Architecture Foundation, Rockefeller Foundation,* and *Civic Consulting Alliance* (Nov 2012)
- » **RED LINE RECONSTRUCTION STRENGTHENS CHICAGO'S TRANSIT BACKBONE:** 91-year-old Argyle Station is the 4th of 7 stations to be rehabilitated through *Chicago Transit Authority's* \$86M Red North Interim Improvement Project; Oct 2012, 400 jobs announced in preparation for \$425M Red Line South reconstruction (Feb 2013)
- » **CTA APPROVES PURCHASE OF 300 NEW BUSES THROUGH BUS FLEET MODERNIZATION INITIATIVE:** Existing buses will be replaced with new, 40-foot, low-floor, clean diesel buses; full-production expected to begin in February 2014 (Jan 2013)
- » **CTA ANNOUNCES OVERHAUL FOR 60% OF CTA FLEET:** *Chicago Transit Authority* rehabs will create almost-new buses, including pollution-reducing particulate exhaust filters on 430 buses, creating 200 jobs (Nov 2012)
- » **MIDDAY DOWNTOWN BUS STORAGE PILOT REDUCES IDLING AND IMPROVES SERVICE:** By storing 18 buses downtown between weekday rush periods, *Chicago Transit Authority* demonstrated potential to save 25,000 gallons of diesel per year, reduce vehicle operating costs, and improve reliability (Sep 2012)
- » **CITY UNVEILS "GREENEST STREET IN AMERICA" IN PILSEN:** First phase incorporates sustainable materials and design principles, with support from the *Federal Highway Administration, Illinois Environmental Protection Agency, Midwest Generation* and the *Metropolitan Water Reclamation District* (Oct 2012)
- » **DEARBORN STREET TWO-LANE BIKE THOROUGHFARE OPENS IN THE LOOP:** Chicago's first 2-way bike route with dedicated signals is part of 34 miles of new bike lane installation in 2012 (Dec 2012)

4 | WATER AND WASTEWATER

ENJOYING AND PRESERVING OUR VITAL NATURAL RESOURCE

6-MONTH UPDATE

GOALS

- 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

SELECTED UPDATES

- » **CITY ANNOUNCES PLANS TO COMPLETE CHICAGO RIVERWALK:** Reinvention of the downtown Riverwalk on the Chicago River's North Branch—enabled by a \$100M funding request from *US Department of Transportation*—will create a new recreational frontier in the city, in partnership with *US Army Corps of Engineers*, *US Environmental Protection Agency*, and *Friends of the Chicago River* (Mar 2013)
- » **CITY ACCELERATES INFRASTRUCTURE WORK ON 70 MILES OF WATER MAINS, 17 MILES OF SEWERS, AND 14,000 CATCH BASINS:** In 2012, the *Chicago Department of Water Management* took dramatic action to repair, maintain, and upgrade the city's water infrastructure, with support from the *Illinois State Clean Water Initiative* (Dec 2012)
- » **CONSTRUCTION UNDERWAY ON 2 OF 4 NEW BOATHOUSES ON THE CHICAGO RIVER:** Construction has begun on boat house sites at Ping Tom and Clark Park, with technical assistance from *Studio Gang Architects*, the *Illinois Institute of Technology*, and the *US Environmental Protection Agency's Hometown Initiative* (Mar 2013)
- » **31ST STREET HARBOR RECEIVES LEED GOLD CERTIFICATION:** *Chicago Park District* and *Public Building Commission of Chicago* announced energy and environmental recognition of the harbor, which also received the *International Superyacht Society's Fabien Cousteau Blue Award* for green facilities (Jan 2013)
- » **CITY AND REDMOON ANNOUNCE 2014 CHICAGO FIRE FESTIVAL:** New event staged by *Redmoon Theater*, in partnership with the *Mayor's Office* and the *Chicago Department of Cultural Affairs and Special Events*, will celebrate and activate Chicago's riverfront (Mar 2013)
- » **WATER INFRASTRUCTURE WORK CREATES NEW JOBS:** The *Chicago Department of Water Management* announced hiring for 160 new positions to support ongoing water infrastructure investment, including 75 miles of new water main and 57 miles of new sewer main in 2013 (Mar 2013)
- » **METERSAVE PROGRAM INSTALLED OVER 12,000 RESIDENTIAL WATER METERS AND DISTRIBUTED 4,882 RAIN BARRELS IN 2012:** *Chicago Department of Water Management's* effort increases awareness and promotes conservation of precious water resources (Dec 2012)
- » **SUSTAINABLE BACKYARDS PROGRAM LAUNCHES NEW WEBSITE AND ONLINE REBATE APPLICATIONS:** The *Chicago Sustainable Backyards Program*, managed by the *Center for Neighborhood Technology*, has launched online rebates at www.sustainablebackyards.org for trees, native plants, compost bins, and rain barrels, and other simple measures to enhance the environment and reduce neighborhood flooding (Mar 2013)
- » **CHICAGO PUBLIC SCHOOLS CONVERT ONE FULL ACRE OF ASPHALT TO GREEN SPACE:** In 2012, *Openlands' Building School Gardens* program reduced rainwater runoff while beautifying nine *Chicago Public School* campuses (Dec 2012)



5

PARKS, OPEN SPACE, AND HEALTHY FOOD

EXPANDING CONVENIENT ACCESS TO OPEN SPACES, NATURAL RESOURCES,
AND HEALTHY FOOD OPTIONS

6-MONTH UPDATE

GOALS

- 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

SELECTED UPDATES

- » **FARMERS FOR CHICAGO NETWORK SUPPORTS URBAN ENTREPRENEURS:** New collaboration among *Chicago Department of Housing and Economic Development*, *Growing Power*, *US Department of Agriculture*, *Growing Home*, *Heartland Human Care Services*, *Angelics Organic Learning Center*, and *Chicago Botanic Garden* trains entrepreneurs, makes vacant city lots available for farming, and expands local supply chain for food retailers (Mar 2013)
- » **“A RECIPE FOR HEALTHY PLACES” PRESENTS SIX COMMUNITY-BASED PLANNING STRATEGIES TO SUPPORT HEALTHY EATING:** Collaboration between the *Consortium to Lower Obesity In Chicago Children* and *Centers for Disease Control* builds on the *City of Chicago's* Healthy Chicago agenda that Mayor Emanuel launched in 2011 (Jan 2013)
- » **LOCAL RESTAURANT NAMED GREENEST IN AMERICA:** *Uncommon Ground* on Clark Street, a 4-Star Certified Green Restaurant, was recognized as the greenest restaurant in America by the Green Restaurant Association, reclaiming a title once held by *Uncommon Ground's* Devon Avenue location (Jan 2013)
- » **BRONZEVILLE CULINARY INCUBATOR RECEIVES \$400,000 TO INSTALL GREEN ROOF, CISTERN, AND PERMEABLE PAVEMENT:** The *Illinois Environmental Protection Agency's* Green Infrastructure Grant to *Urban Juncture, Inc.* supports collaborative neighborhood efforts to make Bronzeville a sustainability hub and destination for African cuisine (Mar 2013)
- » **SUSTAINABLE AGRICULTURE PROGRAMS PROVIDES WORKFORCE TRAINING, TRANSITIONAL EMPLOYMENT, AND FRESH PRODUCE FOR FAMILIES:** *Chicago Botanic Garden's* programs with *Windy City Harvest* and *Green Youth Farm* provided jobs for 113 people and sold or donated 83,000 pounds of produce in 2012 (ongoing)
- » **HUNDREDS OF PLAYGROUNDS TO BE REBUILT AS PART OF INVESTMENTS IN PARKS AND RECREATIONAL AREAS:** *Chicago Park District's* 5-year rebuilding effort is one of the nation's most comprehensive programs to provide all children with access to clean, safe, vibrant playgrounds (Mar 2013)
- » **\$1 MILLION INVESTMENT LEARNING GARDENS AT 60 CHICAGO PUBLIC SCHOOLS:** *Chicago Public Schools* is partnering with *The Kitchen Community* to build gardens and bring together communities with hands-on nutrition and science education opportunities, supported by NATO legacy funds (Mar 2013)
- » **PARTIAL FUNDING SECURED FOR BLOOMINGDALE TRAIL:** The 2.7-mile line will be the longest urban rails-to-trails conversion in the world, made possible by *Friends of the Bloomingdale Trail*, *Trust for Public Lands*, *Logan Square Neighborhood Association*, and the *City of Chicago*; partial funding will come from NATO Summit legacy funds, and *US Environmental Protection Agency* provided technical studies and remediation sampling (Oct 2012)
- » **HABITAT RESTORATION AND CAMPGROUND CONSTRUCTION BEGINS ON NORTHERLY ISLAND:** *Chicago Park District* and *Army Corps of Engineers* broke ground on a trail and campground system on 50 acres of natural space, with native plants to restore migratory bird habitats (Nov 2012)
- » **ACTIVATE COMPETITION CHALLENGES ARCHITECTS TO DESIGN COST-EFFICIENT, DYNAMIC PUBLIC SPACES:** *Architecture for Humanity Chicago* received nearly 150 entries in its 2013 ACTIVATE competition to define public space in Chicago on a \$1000 budget (Mar 2013)
- » **CROSS-SECTOR COLLABORATION DEVELOPS CLIMATE-SMART ADAPTATION STRATEGIES FOR GREEN SPACES:** Resource Guide developed by *The Field Museum*, *The Nature Conservancy*, and *University of Notre Dame*, in collaboration with *Chicago Wilderness*, facilitates climate-focused decision making for Chicago projects (Feb 2013)



6

WASTE AND RECYCLING

REDUCING WASTE AND MAXIMIZING RESOURCES

6-MONTH UPDATE

GOALS

- 20 INCREASE ACCESS TO RECYCLING AND IMPROVE POLICIES TO PROMOTE WASTE REDUCTION AND RE-USE
- 21 INCORPORATE STANDARD GREEN PRACTICES IN ALL CITY OPERATIONS

SELECTED UPDATES

- » **BLUE CART RECYCLING EXPANSION BRINGS BI-WEEKLY CURBSIDE PICKUP TO 131,000 ADDITIONAL HOUSEHOLDS:** Managed competition for recycling services will yield 38% decrease in costs; total rollout will cover 340,000 Chicago households, resulting in citywide service by the end of 2013 (Feb 2013)
- » **PAPERLESS “E-PROCUREMENT” PROCESS IS REDUCING WASTE AND SAVING MONEY:** New *City of Chicago* procurement process increases efficiency and drives cost savings for taxpayers and suppliers through online bid submittal (Dec 2012)
- » **CITY ROLLS OUT 7TH PHASE OF GRID GARBAGE COLLECTION SYSTEM:** 70,000 more Chicago households transitioned to a new, more fuel efficient waste collection system; citywide rollout targeting completion in summer of 2013, ahead of schedule (Mar 2013)
- » **COUNTY ORDINANCE ON DEMOLITION DEBRIS DRIVES NATIONAL LEADERSHIP ON LANDFILL DIVERSION:** *Cook County* ordinance requires that at least 70% of construction and demolition debris (which comprises 40% of landfill content) must be recycled, with an additional 5% reuse requirement for residential structures (Nov 2012)
- » **THE REBUILDING EXCHANGE GROWS IN SIZE AND MISSION WITH A NEW 24,000 BUCKTOWN FACILITY:** Expanded operations and a multi-year lease will divert even more construction waste from landfills, while providing home improvement education and high-quality, affordable building materials to residents and contractors (Dec 2012)
- » **SCHOOLS COLLECT ORGANICS TO REDUCE LANDFILL WASTE:** The *Chicago Public Schools Composting Program* diverted more than 22 tons of food scraps from landfills in 2012 (Dec 2012)

RECYCLABLE MATERIALS ACCEPTED BY THE CITY OF CHICAGO

Place all of your recycling in one bin. No sorting, rinsing, or special bags needed. The following materials are accepted:

- » Glass jars and bottles
- » Aluminum cans, foil and pie tins
- » Milk, juice cartons, waxy cardboard and aseptic containers
- » Plastic bottles and containers numbers 1,2,3,4,5, and 7 (number 6 not accepted)
- » Newspaper and inserts
- » Cereal boxes, paper towel rolls, etc.
- » Junk mail
- » Paper bags
- » Tin or steel cans
- » Cardboard (flatten all boxes)
- » Telephone books
- » Magazines and catalogs
- » Office paper and file folders

No garbage, clothing, plastic grocery bags, styrofoam or yard waste accepted. For more information visit chicagorecycles.org

Source: http://www.cityofchicago.org/content/dam/city/depts/streets/supp_info/RecyclingPDFdocs/BilingualFlyer1302012.pdf



7 CLIMATE CHANGE

ADDRESSING CLIMATE CHANGE TODAY TO SHAPE THE CHICAGO OF TOMORROW

6-MONTH UPDATE

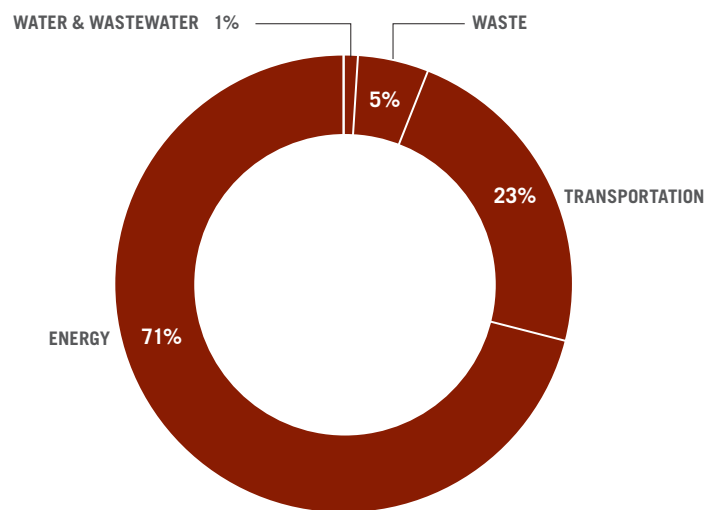
GOALS

- 22 REDUCE CARBON EMISSIONS FROM ALL SECTORS
- 23 IMPROVE LOCAL AIR QUALITY BY ACCELERATING PERFORMANCE TOWARDS FEDERAL STANDARDS AND DECREASING GREENHOUSE GAS EMISSIONS
- 24 PROTECT THE CITY AND ITS RESIDENTS BY PREPARING FOR CHANGES IN THE CLIMATE

SELECTED UPDATES

- » **CHICAGO NAMED EARTH HOUR CLIMATE LEADER:** In a recognition ceremony at Navy Pier, *World Wildlife Fund* awarded the City \$30,000 to engage residents on climate action; Earth Day celebration will highlight environmental opportunities and problem solvers (Mar 2013)
- » **CITY AWARDED \$20,000 IN TREES FOR PLANTING THROUGHOUT THE CITY:** Award presented to the *Chicago Department of Streets and Sanitation's Bureau of Forestry and Openlands* resulted from Chicago's recognition as one of the nation's most sustainable communities by *US Chamber of Commerce Business Civic Leadership Center* and *Siemens Corporation* (Nov 2012)
- » **UPTOWN NONPROFIT CONVENES SUSTAINABILITY AND CLIMATE-RELATED ORGANIZATIONS FROM ALL 77 CHICAGO NEIGHBORHOODS:** The *Institute for Cultural Affairs* in the USA's *accelerate77* city-wide organizing effort is setting the stage for ongoing community engagement and collaboration (Sep 2012)
- » **AUSTIN NEIGHBORHOOD LAUNCHES PARTICIPATORY, COMMUNITY-BASED SUSTAINABILITY PLANNING PROCESS:** The *Field Museum's Division of Environment, Culture, and Conservation* is working with Austin to conduct a cultural inventory using action-based research and storytelling to inspire climate action (Jan 2013)
- » **CHICAGO TEAM WORKS TO EXPAND UNDERSTANDING OF WINTER CLIMATE SCIENCE:** A research team led by the *University of Illinois – Chicago*, in partnership with *Illinois-Indiana Sea Grant* and the *Illinois State Climatologist Office* received a \$50,000 grant to identify climate science indicators to facilitate city planning and operational decision-making (on-going)

BREAKDOWN OF CHICAGO GREENHOUSE GAS EMISSIONS BY SECTOR



Energy is electricity and natural gas, excluding transportation uses. Chicago 2010 Regional Greenhouse Gas Emissions Inventory

