

**Cultivating our people, place and potential** 



### **SUSTAINABILITY ACTION PLAN**

### City of Ann Arbor

**DRAFT August 2013** 



### Background

The sixteen overarching goals found in the Sustainability Framework provide a new way to think about and organize the City of Ann Arbor Master Plan. These sustainability framework goals build on goals already developed through a variety of public processes – from city plans, council resolutions, and the council-approved ten environmental goals. These sustainability goals also include the three key aspects of sustainability – environment, economy, and equity.

The goals are organized into four theme areas: 1) climate and energy, 2) community, 3) land use and access, and 4) resource management. New plan elements, or updates to existing ones, will use these goals to plan for a more sustainable future. The Sustainability Framework was used to develop this Sustainability Action Plan.

More information about the development of the Sustainability Framework is available at: www.a2gov.org/sustainability.

### Plan Purpose

The Sustainability Action Plan provides quantifiable targets and actions, as well as a mechanism for periodic assessment and review of progress towards the sustainability goals. The framework and the action plan are intended to be used by all city boards and commissions and Ann Arbor city staff.

The Sustainability Action Plan will be reviewed and updated every two years to provide up-to-date progress reports towards the City's sustainability goals. The targets and actions included in the Plan are not all-inclusive but a collection of short-term, yet ongoing projects that the City will work towards within each two-year period.

The Sustainability Action Plan is a mechanism to better utilize existing community partnerships and to build new community partnerships to further communitywide progress towards the Sustainability Framework goals.

### **Plan Organization**

The Sustainability Action Plan is organized around the sixteen goals in the City's Sustainability Framework. To help make progress towards each goal, the Sustainability Action Plan identifies targets associated with each goal. Each target is then connected to short-term actions.

### SUSTAINABILITY ACTION PLAN ORGANIZATION:



### GOAL

Goals are overarching statements that communicate a long-term vision. This broad goal consolidates goals from different plans that work toward the same end. The goals are taken from the City's Sustainability Framework and represent the community's vision of sustainability.

### TARGET

Targets determine a course of action to achieve a goal. A target is a measurable short-term objective or a tool to inform decision-making that helps further progress toward a goal.

### ACTION

An action is an implementation tool or step to reach a target. A set of actions nests underneath each target. The actions included in this plan are short-term and expected to be completed in one to two years.

### INDICATOR

Indicators are used to measure progress toward meeting both targets and larger, overarching goals. Indicators track the effectiveness of actions, and over time reveal whether the City is moving towards greater sustainability.



# Goal Interaction

| Resource Management   | HE RR LF |                         |                             |                               | •                         |                      | •                   |                     | •                                | •                      |                                | •                           |                          | •                      | •                          | •                                |   |
|-----------------------|----------|-------------------------|-----------------------------|-------------------------------|---------------------------|----------------------|---------------------|---------------------|----------------------------------|------------------------|--------------------------------|-----------------------------|--------------------------|------------------------|----------------------------|----------------------------------|---|
| Land Use & Access Res | AW       | •                       | •                           | •                             |                           |                      |                     | •                   | •                                |                        | •                              | •                           | •                        |                        | •                          |                                  |   |
|                       | II II    |                         |                             |                               |                           | •                    |                     |                     |                                  | •                      | •                              | •                           |                          | •                      |                            |                                  |   |
|                       | SS       |                         |                             |                               |                           |                      |                     | •                   | •                                | •                      | •                              |                             | •                        | •                      | •                          |                                  |   |
| Lan                   | то       |                         | •                           |                               |                           |                      | •                   | •                   | •                                | •                      |                                | •                           | •                        | •                      |                            |                                  |   |
| Community             | EV       |                         |                             |                               |                           |                      | •                   |                     |                                  |                        | •                              | •                           | •                        |                        |                            |                                  |   |
|                       | AL       |                         |                             |                               | •                         |                      | •                   |                     |                                  |                        | •                              |                             |                          | •                      | •                          |                                  |   |
|                       | SC       |                         |                             |                               | •                         | •                    |                     |                     |                                  |                        | •                              | •                           |                          | •                      |                            |                                  |   |
|                       | HS       |                         |                             |                               | •                         | •                    |                     |                     |                                  | •                      | •                              |                             |                          |                        |                            |                                  |   |
|                       | НО       | •                       | •                           | •                             |                           |                      | •                   | •                   | •                                | •                      | •                              |                             | •                        |                        |                            |                                  |   |
|                       | CM       |                         |                             |                               |                           |                      | •                   | •                   | •                                |                        |                                |                             |                          |                        |                            |                                  |   |
| Climate & Energy      | SB       | •                       | •                           |                               |                           | •                    |                     |                     |                                  |                        |                                |                             |                          | •                      |                            |                                  |   |
|                       | EC       | •                       |                             | •                             |                           | •                    |                     |                     |                                  |                        | •                              |                             |                          | •                      |                            |                                  |   |
| Clim                  | SE       |                         | •                           | •                             |                           | •                    |                     |                     |                                  |                        |                                |                             |                          | •                      |                            |                                  |   |
|                       |          | Sustainable Energy (SE) | Energy Conservation<br>(EC) | Sustainable Buildings<br>(SB) | Engaged Community<br>(CM) | Diverse Housing (DH) | Human Services (HS) | Safe Community (SC) | Active Living & Learning<br>(AL) | Economic Vitality (EV) | Transportation Options<br>(TO) | Sustainable Systems<br>(SS) | Integrated Land Use (IL) | Clean Air & Water (AW) | Healthy Ecosystems<br>(HE) | Responsible Resource<br>Use (RR) |   |
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# CLIMATE & ENERGY



Sustainable Energy



**Energy Conservation** 

Sustainable Buildings

# Sustainable Energy

### Improve access to and increase use of renewable energy by all members of our community



**Target CE 1:** Use 30% renewable energy in municipal operations by 2015 (Energy Challenge)

#### Actions

- Install one wind turbine in partnership with Ann Arbor Public Schools (new)
- Maintain and expand solar projects within municipal facilities and properties (new)
- Install solar and geothermal projects at public housing sites (Housing Commission)



Target CE 2: Use 5% renewable energy community-wide by 2015 (Energy Challenge)

#### **Actions**

- Maximize purchase of Michigan renewable energy (Climate Action Plan)
- Implement community renewable energy projects (Climate Action Plan)

- · Renewable electricity generation in kilowatt hours
- Renewable municipal energy
- Alternative fuel vehicles in city fleet

# **Energy Conservation**

### Reduce energy consumption and eliminate net greenhouse gas emissions in our community



**Target CE 3:** Reduce greenhouse gas emissions in municipal operations 50% from 2000 levels by 2015 (Energy Challenge)

### Actions

- Conduct energy audits on city-owned facilities (new)
- Support next generation of municipal and public housing energy projects through the municipal energy fund (new)
- Implement information technology actions to promote energy conservation and minimize environmental impacts including optimizing enterprise print services (IT Budget Goal)
- Complete upgrade of fleet to new technology by the end of June 2014 (Fleet and Facilities Budget Goal)



**Target CE 4:** Reduce community-wide greenhouse gas emissions 8% from 2000 levels by 2015 (Energy Challenge)

#### Actions

- Coordinate with DTE to offer incentives for energy audits and implementation of identified energy conservation measures (Climate Action Plan)
- Promote the use of efficient lighting technologies for both outdoor and indoor applications as in LED lighing at park shelters (Climate Action Plan)

- Vehicle Miles Traveled
- Greenhouse gas emissions
- Electricity Use

- Natural Gas Use
- Alternative Fuel Use
- Energy Audits conducted

# Sustainable Buildings

### Reduce new and existing buildings' energy use, carbon impact and construction waste, while respecting community context



**Target CE 5:** Install 5,000 solar roofs by the year 2015 to encourage use of solar energy for heating domestic hot water (Solar Roofs Initiative Resolutions)

### **Actions**

- Investigate approaches to reduce the "soft" costs of solar using the new Ann Arbor Solar Plan as a guide (new)
- Improve internal tracking of solar installations with inspection/permit tracking (new)



**Target CE 6:** Track the number of energy efficiency improvements in new development and existing properties (new)

### **Actions**

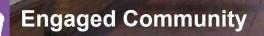
- Incentivize LEED in new development through floor area ratio (FAR) bonuses (Planning and Development – Zoning Incentives)
- Use Property Assessed Clean Energy (PACE) to finance commercial building energy improvements (Climate Action Plan)
- Develop a strategy targeting property owners and tenants to increase energy efficiency in rental properties (Washtenaw County Housing and Urban Development grant)
- Develop a comprehensive resource base that facilitates appropriate energy retrofits for historic buildings (new)
- Continue to support a2energy.org as an online portal for energy efficiency information and resources (new)

### Indicators

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- PACE projects
- Units impacted by HUD Grant

- Building Square Footage by LEED level
- Solar roofs installed





**Diverse Housing** 

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Human Services



Active Living & Learning



**Economic Vitality** 

Safe Community

Community 9 - DRAFT

# Engaged Community

### Ensure our community is strongly connected through outreach, opportunities for engagement, and stewardship of community resources



**Target CM 1:** Increase effectiveness of communication and service delivery (Administrator's Office Budget Goal)

### Actions

- Evaluate Citizen Participation Ordinance and implement resulting recommendations (new)
- Identify communication tools to use within neighborhoods (new)
- Launch a an improved and redesigned City website with enhanced information architecture and search by June 30, 2014 (IT Budget Goal)



**Target CM 2:** Increase participation by community members in community projects, plans, programs, and events (new)

### Actions

- Host community sustainability forums each year in partnership with the Ann Arbor District Library (new)
- Use A2 Open City Hall as a tool for online public engagement (new)
- Expand GIVE365 Volunteer Program with the goal of 6,240 volunteer hours for FY2014 (Parks Budget Goal)
- Review all ward-precincts for voter registration, voter turnout, 2012 lines and recommend boundary changes/new precincts where appropriate
- Engage the public in the planning, design and construction of the capital improvement projects (Project Management Budget Goal)

- Visits to City websites
- Members registered on A2 Open City Hall
- Voter participation
- Total Volunteer Hours for GIVE365 Program (Parks Budget Goal)

# **Diverse Housing**

# Provide high quality, safe, efficient, and affordable housing choices to meet the current and future needs of our community, particularly for homeless and low-income households



**Target CM 3:** Rehabilitate public housing units to meet the Enterprise Green Standards (Housing Commission)

### Actions

- Convert to all CFL and LED lighting, motion sensor and light sensor where appropriate (Housing Commission)
- Install Energy star appliances and windows (Housing Commission)
- Increase air sealing and increased insulation (Housing Commission)



**Target CM 4:** Assess the need for affordable housing units, by location, income range, and unit type (OCED Budget Goal)

#### Actions

- Update 2007 report on affordable housing conditions in the County (OCED Budget Goal)
- Publish and present updated report (OCED Budget Goal)
- Increase number of affordable housing units restricted for low-income households (Housing Commission)

- Percent of public housing units meeting Enterprise Green Standards
- Number of Affordable Housing Units

# Human Services

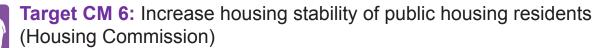
Provide services that meet basic human needs of impoverished and disenfranchised residents to maximize the health and well-being of the community



**Target CM 5:** Use outcomes data to measure the impact of Coordinated Funding on basic human services needs in our community (OCED Budget Goal)

### Actions

- Work with Planning and Coordinating entities in each of the six Coordinated Funding priority areas to refine outcomes based on best practices, lessons learned and the first two years of data
- Collect reporting data on outcomes from funded nonprofits at six and twelve months after 3rd year of funding commences – January 2014 and June 2015
- Report out to City Council and other local policy-makers with an analysis of impact in six human service needs priority area (OCED Budget Goals)
- Conduct a community needs assessment to identify priority needs and resources



### Actions

- Create Family Self Sufficiency Program for public housing and voucher residents to increase financial self-sufficiency (Housing Commission)
- Increase employment of low-income households on housing commission projects (Housing Commission)
- Create permanent supportive housing site with 24 hour front desk security (Housing Commission)
- Increase supportive services to public housing units, including food, mental health, case management, and financial literacy (Housing Commission)

- Coordinated Funding impact measures
- Number of case managers for public housing sites
- Number of public housing residents who are employed

# Safe Community

### Minimize risk to public health and property from manmade and natural hazards



**Target CM 7:** Provide the means to the community to rate their perception of safety through the use of surveys (Police Budget Goal)

#### Actions

• Implement an online survey enabling the public to offer their perspective on how safe they feel in their neighborhood, Downtown, etc (Police Budget Goal)



**Target CM 8:** Prohibit all new development in the floodway (Flood Mitigation Plan)

#### Actions

- Draft a new floodplain ordinance describing the process for floodplain development and adopt ordinance by June 2014 (Flood Mitigation Plan and SPU Budget Goal)
- Continue to acquire buildings in the floodway and floodplain for removal where grants or other funding sources are available (Flood Mitigation Plan)
- Develop a plan for reuse and maintenance or properties acquired for flood mitigation (new)



**Target CM 9:** Bring buildings into compliance with local and state safety codes

### Actions

- Rigorously enforce reoccupancy measures and procedures (new)
- Provide construction inspections within 48-72 hours of inspection request (Planning & Development Budget Goal)
- Complete 15,000 Rental Housing unit inspections in FY2014 (Planning & Development Budget Goal)



**Target CM 10:** Increase safety, security, and other weatherization measures for existing public housing units (Housing Commission)

### Actions

- Install additional indoor and outdoor lighting (Housing Commission)
- Replace solid exterior doors with doors with windows or peep holes (Housing Commission)
- Add security cameras (Housing Commission)



### Indicators

- Structures in the floodplain
- Number of reoccupation applications
- Number of construction inspections
- Number of rental housing inspections
- Perception of public safety (Police Budget Goal)

# Active Living & Learning

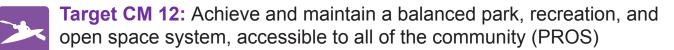
### Improve quality of life by providing diverse cultural, recreational, and educational opportunities for all members of our community



**Target CM 11:**Maintain, rehabilitate, and restore existing facilities and natural areas in keeping with their planned use, safety, enjoyment, and aesthetic sensibilities (PROS)

### Actions

- Facilitate organized citizen park stewardship with an adopt-a-park program and continuation of the Natural Area Preservation Park Steward Program (PROS)
- Develop efficient maintenance procedures that decrease staff hours, equipment, and use of chemicals, and utilize natural processes such as controlled burning and native plant landscape areas (PROS)
- Emphasize the care of existing park trees and planting of new trees in all park development or improvement projects (PROS)
- Achieve Audubon Certification for Huron Hills Golf Course (Parks Budget Goal)



### **Actions**

- Develop strategies to identify and accommodate groups which are not currently receiving or participating in recreation services (PROS)
- Enhance and encourage opportunities to provide scholarships for residents who would benefit from this service (PROS)
- Enhance opportunities to provide cultural activities (music, dance, crafts, theater, arts, etc.) (PROS)



- Scholarships awarded •
- Parkland acreage •
- •
- Number of cultural events held in park system Number of individuals participating in Parks & Recreation activity programs

# **Economic Vitality**

Develop a prosperous, resilient local economy that provides opportunity by creating jobs, retaining and attracting talent, supporting a diversity of businesses across all sectors, and rewarding investment in our community



**Target CM 13:** Remove development barriers by building deliberate, fair, and consistent processes (Redevelopment Ready Community Best Practices report)

#### Actions

- Certify the City of Ann Arbor as a redevelopment ready community through the Michigan Economic Development Corporation (new)
- Complete the Zoning Ordinance Reorganization effort (new)



**Target CM 14:** Encourage better utilization of urban land through infill and reuse (Master Land Use Element)

#### **Actions**

 Increase redevelopment and site remediation opportunities through brownfield projects (new)

- Assessed Value
- GDP
- Number of construction permits
- Approved brownfield projects

# LAND USE & ACCESS

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TO GO



Sustainable Systems

Integrated Land Use

& CAKERY

Land Use & Access 18 - DRAFT

### **Transportation Options**

Establish a physical and cultural environment that supports and encourages safe, comfortable, and efficient ways for pedestrians, bicyclists, and transit users to travel throughout the city and region



**Target LU 1:** Ensure that sidewalk/bike/transit service opportunities exist within 1/4 mile of every Ann Arbor household (Draft Climate Action Plan)

### Actions

- Require that new developments provide for pedestrian and bicycle networks that ensure direct and convenient access to surrounding areas (Non-Motorized)
- Identify new sidewalk installation funding and priorities to fill gaps in the network (Draft Non-Motorized Plan Recommendations)
- Develop strategies to educate the general public, the school system, and the University of Michigan on the available non-motorized transportation network and encourage its use, including promotion of Safe Routes to School (Non-Motorized)



**Target LU 2:** Provide convenient and safe non-motorized connections between destinations in every part the community, such as residential, commercial, school, recreational, and other areas (Non-Motorized)

### **Actions**

- Establish updated guidelines for signs, flashing signals, and pavement markings for bike and pedestrian facilities (Draft Non-Motorized Plan Recommendations)
- Install 3D (Destination, Direction, Distance) Signs for encouragement and way-finding, to "reveal" neighborhood and destination connections, and to effectively expand the network (Draft Non-Motorized Plan Recommendations)
- Develop a plan for high-capacity transit in an arc from northeast to south Ann Arbor as partner on the Connector Feasibility Study (Connector Feasibility Study)
- Complete pedestrian improvement/non-motorized improvement projects (Project Management Budget Goal)
- Inspect and repair 45% of City sidewalks (Project Management Budget Goal)



- AATA Bus Ridership
- Go!pass participation
- Park & Ride Lot Use
- Walking Commutes
- Downtown Bike Parking Facilities
- Households with access to transit within 1/4 mile

- Vehicle Miles Traveled
- Miles of Bike Lane
- Miles of Complete Streets
- Percent of sidewalks inspected and repaired (Project Management Budget Goal)
- Walk score
- Bike Score

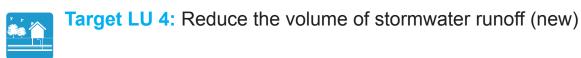
# Sustainable Systems

### Plan for and manage constructed and natural infrastructure systems to meet the current and future needs of our community

**Target LU 3:** Increase the average condition rating of city managed street and park trees from fair to good within a 30-year time frame (Draft UCFMP)

### Actions

- Implement a proactive tree maintenance program for Ann Arbor's publically managed trees emphasizing routine pruning, removals and care to improve the health and sustainability of the canopy (Draft UCFMP)
- Establish geographic urban forest management areas across the city to provide systematic service delivery (Draft UCFMP)
- Develop and implement a comprehensive program to monitor and address threats to the urban forest (Draft UCFMP)



#### Actions

- Develop a comprehensive, detailed stormwater system model to identify aspects of the City's stormwater system that would benefit from improvement through the Stormwater Model Calibration and Analysis Project (SPU Budget Goal)
- Identify strategies to reduce wet weather impacts on the City's sanitary system through the Sanitary Sewer System Flow Monitoring & Wet Weather Evaluation project (new)
- Work with the Washtenaw County Water Resources Commissioner's Office to complete a study of Upper Mallett's Creek to develop strategies to reduce stormwater and to improve stormwater quality (new)

### Indicators

- Average tree contion
- Rain gardens
- Impervious surface

Land Use & Access 21 - DRAFT

# **Integrated Land Use**

### Encourage a compact pattern of diverse development that maintains our unique sense of place, preserves our natural systems, and strengthens our neighborhoods, corridors, and downtown

### 

**Target LU 5:** Encourage dense land use and development patterns which draw people downtown and foster an active street life, contribute to its function as an urban residential neighborhood and support a sustainable transportation system (Downtown Plan)

#### Actions

- Develop a reuse strategy for end of life, vacant city-owned properties in and near downtown (new)
- Implement the recommendations of the Connecting William Street effort, once adopted (new)

Target LU 6: Create inviting streetscape corridors and improve the links between commercial and residential areas, encouraging access between the nearby neighborhoods and downtowns (Master Plan Land Use Element)

#### **Actions**

- Implement the recommendations of the South State Street corridor study as a Master Plan element and implement the recommendations (new)
- Complete and implement the North Main/Huron River Vision Task Force Report (new)
- Continue participation in the ReImagine Washtenaw multi-jurisdictional effort and begin a city corridor study for Washtenaw Avenue (new)



**Target LU 7:** Encourage appropriate new development and redevelopment within established residential areas (new)

#### Actions

- Finalize the R4C/R2A Advisory Committee report and implement appropriate code changes
- Evaluate A2D2 Zoning

- Streetscape improvement projects
- Corridor Plan adoption
- R4C ordinance amendments

# RESOURCE MANAGEMENT



**Clean Air & Water** 



Healthy Ecosystems



**Responsible Resource Use** 



Local Food

# **Clean Air & Water**

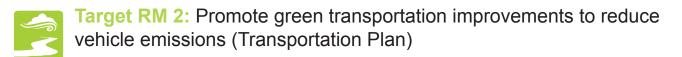
### Eliminate pollutants in our air and water systems



**Target RM 1:** Provide a continuous supply of safe drinking water to the citizens of Ann Arbor (Water Treatment Budget Goal)

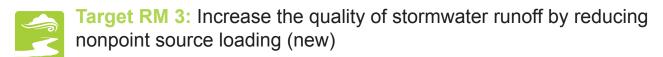
#### Actions

- Incorporate Recommendations from Drinking Water LOS (Level of Service) Study into Asset Management Program/CIP Process (SPU Budget Goal)
- Achieve 100% compliance with drinking water regulations (Water Treatment Budget Goal)
- Provide water quality monitoring in Huron River to provide early warning in the event of a river contamination event (CIP)
- Improve water quality to customers, through main replacement, new looping main, auto-flushing device and/or filters (CIP)



#### **Actions**

- Reduce automobile use by offering more attractive choices for walking, bicycling and transit (Transportation Plan)
- Pursue alternative energy sources for transportation vehicles, signs, parking equipment, and lighting such as solar and hydro-power or wind energy (Transportation Plan)
- Establish requirements for EV parking infrastructure for projects and increase city-wide infrastructure for EV charging (Draft Climate Action Plan)
- Support idling education program through signage and other materials (Environmental Commission)



#### Actions

- Develop a new stormwater permit (new)
- Implement detention pond inspection maintenance program (new)
- Develop a green streets policy (new)

### **Actions (continued)**

- Coordinate and implement City IDEP plan to improve stormwater quality and aid in meeting stormwater permit requirements (Field Ops Budget Goal)
- Sample outfalls from 2 creeksheds, document data electronically and successfully eliminate any determined illicit connections (Field Ops Budget Goal)



- Wastewater treated
- Drinking water quality
- WWTP total suspended solids
- Footing drains disconnected
- Impervious surface
- Carbon monoxide
- Lead

- Days of Unhealthy air quality
- Ground level ozone
- Particulate levels
- Compliance with drinking water regulations
   (Water Treatment Budget Goals)
- Detention ponds inspected

# Healthy Ecosystems

### Conserve, protect, enhance, and restore our aquatic and terrestrial ecosystems



Target RM 4: Achieve canopy cover goals based on canopy targets for each land use category within 30 years (Draft UCFMP)

| Land Use Category                               | Current Tree Canopy<br>Cover (%) | Tree Canopy Cover<br>Goal (%) |  |  |  |
|-------------------------------------------------|----------------------------------|-------------------------------|--|--|--|
| Commercial                                      | 7                                | 15                            |  |  |  |
| Industrial                                      | 14                               | 25                            |  |  |  |
| Mixed Use                                       | 9                                | 15                            |  |  |  |
| Office                                          | 18                               | 30                            |  |  |  |
| Public/Institutional/<br>Transportation/Utility | 27                               | 40                            |  |  |  |
| Recreation/Open Space                           | 46                               | 50                            |  |  |  |
| Residential                                     | 40                               | 60                            |  |  |  |
| Residential (Multi-Family)                      | 21                               | 40                            |  |  |  |

#### **Actions**

- Strengthen tree planting and young tree maintenance programs for both public and private trees (Draft UFCMP)
- Increase the preservation and protection of landmark/special trees on public and private lands (Draft UCFMP)
- Develop, communicate and follow an urban forest best management practices manual for use by city staff, partners, other entities, and the community (Draft UCFMP)



**Target RM 5:** Develop a routine street tree pruning cycle program by the end of June 2014, where a minimum of 5800 city street trees are pruned each year (SPU Budget Goal)

### **Actions**

• Place 25% of City named parks into a scheduled trimming program (Field Ops Budget Goal)



Target RM 6: Maintain a healthy Huron River ecosystem that provides a diverse set of ecosystem services (PROS)

#### Actions

- Evaluate aquatic vegetation harvesting (HRIMP)
- Identify areas where expansion of native riparian buffers is possible to further protect the river ecology and improve fish habitat (HRIMP)
- Reduce pollution and hydrologic impacts to the watershed by increasing public awareness and behavior change (SWMP)



- Tree Canopy
- New trees planted
- Watershed Health
- Street Trees Pruned (SPU Budget Goal)
- Percent city parks trees trimmed (Field Ops Budget Goal)

# **Responsible Resource Use**

### Produce zero waste and optimize the use and reuse of resources in our community



**Target RM 7:** Increase waste diversion rates to 55% for single family residents by 2017 (Draft Solid Waste Plan)

### Actions

- Expand types of materials collected in the City recycling program as markets and processing abilities develop (Draft Solid Waste Plan)
- Explore the option of increasing City compost collection from seasonal (April to Mid-December) to year-round (Draft Solid Waste Plan)



Target RM 8: Increase citywide waste diversion rates up from current 31% to 40% by 2017 (Draft Solid Waste Plan)

#### Actions

- Increase recycling participation through pilots, such as a recycling incentive program for multi-family units (Draft Solid Waste Plan)
- Consider biweekly curbside refuse collection in coordination with composting of all food waste and weekly pickup of recycling and composting (Draft Solid Waste Plan)
- Place 15 new recycle dumpsters (Field Ops Budget Goal)
- Provide expanded food waste composting service to all curbside collection routes by the end of July, 2013.
- Increase the sale of compost carts by 10% (Field Ops Budget Goal)
- Distribute 5,000 kitchen composters by 6/30/14 (SPU Budget Goal)

- Total tons landfilled
- Total tons recycled
- Total waste per capita

- Total tons composted
- Percent waste diverted
- Compost carts sold

### Local Food

### Conserve, protect, enhance, and restore our local agriculture and aquaculture resources



Target RM 10: Increase Farmers Market transactions using EBT/Double Up Food Bucks/Senior Fresh/SNAP by 10% (Parks Budget Goal)

#### Actions

- Procure an iPad with translation capabilities to facilitate communication with customers with limited English proficiency (Farmers Market)
- Provide special even information and handouts with explanations of pricing and purchasing in multiple languages including English, Spanish, Russian, and Mandarin to improve interactions between vendors and customers (Farmers Market)
- Install signage stating general operating rules in the four major languages (Farmers Market)

 Target RM 11: Focus on forming 1000-acre blocks (or larger) of protected farmland in order to make agriculture viable for future producers (Greenbelt District Strategic Plan)

#### Actions

- Prioritize the protection of farmland producing food for Ann Arbor farmers markets and consumers (Greenbelt District Strategic Plan)
- Increase access to farmland for new and beginning farmers by preserving agricultural land (Greenbelt District Strategic Plan)
- Hold an annual Greenbelt Bus Tour to communicate the impact and importance of the Greenbelt program (Greenbelt District Strategic Plan)

- Greenbelt land preserved
- Farmers market vendor diversity
- Bridge card purchases at farmers market
- Total sales recorded at farmers market (Parks Budget Goal)