

# CITY OF MONONA

# 2018 GTLC ANNUAL REPORT

For participation in the Sustainability Component of the  
Green Tier Legacy Communities Charter



# SUSTAINABILITY MISSION STATEMENT

In 2018, the results of climate change were realized by Monona. In late August the surrounding area saw more rainfall in a 24-hour period than has ever been seen, resulting in catastrophic flooding in nearby rural and urban areas. The following report serves as a record and evaluation for the City of Monona for the 2018 fiscal year.

Monona's Motto: *"Sustainability in everything we do."*

## 2018 SUSTAINABILITY PROJECTS

### Build and Buy Green:

#### **Development of Sustainable Purchasing Policy**

Monona began work on a Sustainable Purchasing Policy in 2018 and will finalize and implement the policy in 2019. Information gathered from interviews with department heads and an audit of purchasing records was used to inform the policy. Monona focused specifically on high volume, recurring purchases. The policy applies to seven key areas: ongoing consumables, cleaning supplies, food items, durable goods, building materials, clothing items, and contracted services. Consulting services were provided by Dan Streit of WECC, now Slipstream.

### Transportation:

#### **Pedestrian and Bicycle Improvements Plan**

In response to growing advocacy for the expansion of pedestrian and bicycle infrastructure in Monona, an Ad-Hoc Committee was created in 2018 to allow community members to voice their opinions and ideas. Strand Engineering Associates was hired by the City to consider the Ad-Hoc Ped/Bike Committee's feedback and incorporate the Committee's goals into Pedestrian and Bicycle Improvements Engineers Report. City Staff are working with the Legacy Communities Alliance for Health to incorporate Health in All Policies strategies and language into the overall plan. The final Pedestrian and Bicycle Improvements Plan will be finished by staff in 2019.

### Land Use:

#### **2018 Street Tree Survey**

Monona Public Works Department conducted a full tree inventory of Monona's street trees. In this assessment, it was found that Monona has a positive tree planting ratio of 5 trees planted to every 4 removed. The average age of Monona's street trees was 15 years, with an average diameter of 9.5 inches and average canopy diameter of 20 feet. Monona continues to have a substantially health tree inventory and are rewarded as a member of Tree City USA. However, Monona suffers from Emerald Ash Borer (EAB) infestation. A majority of the Ash tree population in Monona shows signs of infestation, many of the trees are decaying or stressed. Monona is working on a long term plan to deal with removal and replacement of the City's ash trees.

#### **Riverfront Redevelopment – New Park, Outdoor Rink, and Concessions Building**

Monona will gain a new park in 2019 as part of a major redevelopment project. The park will expand pedestrian and bicycle accessibility to the area, give residents access to the Yahara River, create new greenspace, and provide an outdoor ice rink throughout the winter. The new concessions building will provide a shelter for patrons of the park facility. New concerts in the park and other arts related events will be hosted during the spring, summer, and fall.

## Energy:

### **25 x 25 EIC - Energy Monitoring**

In 2018, 20% of all electricity used by the City of Monona was generated from renewable sources. 8% of this energy was produced by the solar panels installed on four of Monona's city facilities: City Hall, Public Library, Public Works Garage, and Well Station #3. The remaining 12% was supplied via energy purchased from Monona's energy utility, Madison Gas and Electric.

### **LED Lighting Upgrades**

Monona's City Hall, Community Center, and Library all received energy efficiency upgrades via new LED lighting and smart controls. This project not only decreased the number of fixtures needed, but also decreased the amount of energy needed to light these facilities. This project is estimated to save the City approximately \$1,100 on energy bills per year.

### **Office of Energy Innovation Grant Award**

In partnership with six other communities (Fitchburg, Marshall, Middleton, Stoughton, Sun Prairie, and Waunakee) Monona was awarded an Office of Energy Innovation (OEI) grant that will assist the City in creating a comprehensive energy plan. The overall goal of the project is to create an energy use road map to guide policy revisions, to implement renewable energy projects, and to improve energy efficiency in municipal operations.

### **Pursuing 100% Clean Energy Resolution**

Monona joins Madison, Middleton, and Fitchburg in drafting and approving a resolution directed at goals toward getting 100% of the City's energy from renewable sources. Monona's City Council approved the resolution in early 2019.

## Water:

### **Continued Adopt a Storm Drain and Leaf Management Program**

In 2018 Monona had 15 residents adopt 29 storm drains, increasing the total number of drains 'adopted' to 68. The Leaf Management Program increases public awareness of storm water contamination caused primarily by leaves, but also other debris and waste left in street waterways and accumulated atop of storm drains.

### **Monona Water Wagon**

The Monona Water Wagon made its debut in 2018 at numerous public events, reducing the need for event goers to purchase single-use, plastic water bottles. Instead, free, cold water was provided via the wagon. In 2019 the City hopes that the wagon can be used more often and hopefully become a staple at annual community events.

## Waste:

### **Zero-Waste Events**

In July 2018, Monona hosted one of the largest outdoor swim events in the country, the Madison area All-City Championship Meet, which was run as zero-waste. The meet drew roughly 6,000 guests over three days, and had a footprint of over 20 acres. Some ZW strategies included: heavy pre-event communication with guests about the ZW initiative, and what they could expect; developing a phone app instead of printing thousands of magazine-sized event programs; prohibiting the use of Styrofoam; using only compostable or recyclable items at concessions and asking all food vendors to do the same; eliminating free-standing trash and recycling receptacles and diverting guests instead to seven ZW stations, staffed by volunteers who assisted guests to recycle, compost or landfill their items; partnering with our local elementary school to build a shared compost site at their garden; enrolling in MGE's Green Power Tomorrow program to offset 100% of all energy used; and partnering with the City of Monona to build the city's first Water Wagon, which debuted at the event and all but eliminated the use of bottled water.

### **Waste Diversion at Riverfront Redevelopment**

As part of an initiative to reduce waste from development projects, Monona partnered with Waste Cap Resource Solutions to limit the amount of waste created by the demolition of the Bridge Road redevelopment site. The project successfully diverted 87.9% of all non-hazardous deconstructed materials from going to a landfill, a total of 13,000 tons of waste.

### **Healthy Community Planning:**

#### **Resident Energy Survey (2019)**

As part of a broader initiative to engage and educate community members in various, sustainability-related opportunities, the Sustainability Committee began crafting a Resident Energy Survey. The survey is set to be launched in the spring of 2019. The goals of the survey are to measure the interest and investment of community members in renewable energy and energy efficiency projects and to engage residents on the topic by presenting information about opportunities for energy efficiency and renewable energy that they may not have known about prior to taking it.

### **Miscellaneous:**

#### **Continued Monona Library Eco-Action Tuesday Presentations**

These programs consistently have 20-30 community members in attendance, and are meant to educate and inform citizens on how they can live more sustainably. Programs range from performing household energy audits and energy efficient technologies, to canning, preserving, and fermenting fruits and vegetables from backyard gardens for winter.

## **2018 SUMMARY**

2018 included dozens of meetings, hours on end of planning, and a significant amount of research that has set the table for an active following year of projects for 2019. Some of the more successful projects in 2018 include the LED Upgrades to City facilities, the waste diversion at the Riverfront Redevelopment, and the Zero Waste Event held during the City's hosting of the All City Swim Meet. Upcoming projects include: Development of a comprehensive energy plan, more community engagement both residential and business, and lighting and HVAC facility upgrades.


## **GTLC SUSTAINABLE STRATEGIES SCORESHEET**

A copy of the Legacy Communities Strategy Options Matrix (appendix 3 of the Legacy Communities Charter) is included, following this summary report. Monona achieved 323 points out of the total 653 to achieve 49% of the GTLC objectives listed on the scoresheet, coming somewhat short of the 60% goal anticipated from the previous year. For 2019, Monona's target score will be to achieve 60% of the objectives listed on the scoresheet.

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Max. Score  
653.




# Sustainability Strategies Scoresheet



This Sustainability Strategies Scoresheet is provided for members to track sustainability management strategies in transportation, energy, land use, water, waste, and health. This scoresheet is intended to be dynamic and flexible. In the spirit of continuous improvement toward superior environmental performance, suggested revisions to this scoresheet are always encouraged.  
(Approved May 2018)

TRANSPORTATION DEMAND MANAGEMENT: Transportation demand management strategies aim to reduce GHG emissions and VMT by influencing change in individual behavior. These strategies encourage walking, bicycling, and transit as modes of transportation within a community and seek to curb the number and length of trips by vehicle.		City of Monona Scores						
		2012	2013	2014	2015	2016	2017	2018
<b>Bicycle and Pedestrian Programs/Projects</b>								
2	Require bike parking for all new non-residential and multifamily uses.	0	0	0	1	2	2	2
1	Set standards for placement and number (as function of intensity of use) for bike parking spaces.	0	0	0	0	0	0	0
3	Commuter bike routes identified and cleared.	1	1	1	2	3	3	3
10	League of American Bicyclists certification. (Bronze 5, Silver 7, Platinum 10)	5	5	5	5	5	5	5
3	Funded and operating SRTS program (or functional equivalent) covering at least 10 percent of students.	1	1	1	1	2	2	2
1	Conduct annual survey of students' mode of transport to school.	0	0	0	0	1	0	0
<b>Employer-Based Programs</b>								
5	Require large employers seeking rezoning to set a price signal (cash-out or charge).	0	0	0	0	0	0	0
5	Require large employers seeking rezoning to provide subsidized transit.	0	0	0	0	0	0	0
5	Require large employers seeking rezoning to provide a TDM plan that would reduce trips by 20 percent over business as usual.	0	0	0	0	0	0	0
<b>Traffic Volume</b>								
3	Track VMT or traffic counts and report on efforts at reduction (including those on this list).	1	1	1	1	1	1	1
3	Eliminate parking minimums from non-residential districts.	0	0	0	0	0	0	0
5	Set parking maximums at X per square feet for office and retail uses.	0	0	0	0	0	0	0
5	Scheduled transit service at basic level (hour peak service within half-mile of 50 percent of addresses).	2	2	2	2	5	5	5
10	Scheduled transit service at enhanced level (half-hour peak service within 75 percent of addresses).	0	0	0	0	0	0	0

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# Sustainability Strategies Scoresheet

**GREEN TIER**



TRANSPORTATION SYSTEM MANAGEMENT								
Transportation system management strategies aim to reduce GHG emissions and VMT by improving the overall performance of a transportation system. These strategies improve existing infrastructure, introduce new technology, and plan for the future of the system.								
<u>Preservation and Improvement</u>								
3	Develop and fully fund comprehensive maintenance program for existing roads.	1	1	1	1	3	3	3
5	Charge impact fees for new roads.	0	0	0	0	0	0	0
5	Calculate lane-miles per capita for arterials and collectors, and show reductions	0	0	0	0	0	0	0
5	Prepare a plan identifying disconnections in bike and pedestrian networks, prioritizing fixes and identifying potential funding sources for the most important projects.	1	1	1	1	5	5	5
5	Any proposal to add lanes to a two-lane roadway shall be evaluated for a center turn lane, the preferred option over an expansion to four lanes.	3	3	3	3	3	3	5
3	Identify four-lane roadways with fewer than 20,000 vehicles per day (AADT) and evaluate them for "road diets" with bike lanes or on-street parking	0	0	0	0	0	0	3
<u>Electric Vehicles</u>								
10	Electric vehicles in gov't fleets - 2% of of fleet=5 points. 5% of fleet=10 points.	0	0	0	0	0	1	3
2	Allow NEVs on appropriate roadways.	0	0	0	0	1	2	2
2	Provide public charging stations	2	2	2	2	2	2	2
<u>Vehicle Idling</u>								
5	Ban idling (more than 5 minutes) with local government vehicles.	0	0	0	0	0	0	0
5	Ban idling (more than 5 minutes) community-wide.	0	0	0	0	0	0	0
ZONING AND DEVELOPMENT								
Zoning and development strategies work toward improving the overall environmental, economic, and social health of a community by promoting mixed-use and infill development, walkable neighborhoods, and an overall sustainable lifestyle.								
<u>Infill Development</u>								
5	Identify priority areas for infill development, including those eligible for brownfields funding.	2	2	2	4	4	4	5
10	Create land bank to acquire and assemble priority infill sites	0	0	0	1	1	10	10
10	Develop an inventory of known contaminated properties for reuse planning, with possible GIS application	1	1	1	1	1	10	10
<u>Walkscore</u>								
5	Measure Walkscore at 10 random residential addresses per Census tract, compute average, and improve upon overall score	0	0	0	0	2	0	0
<u>Zoning</u>								
5	Adopt traditional neighborhood design ordinance (If population is less than 12,500)	0	0	0	0	0	0	0
5	Zoning for office and retail districts permits floor-area ratio > 1, on average.	0	0	0	3	3	0	0
5	Zoning for office and retail districts requires floor-area ratio > 1, on average.	0	0	0	0	0	0	0
5	Zoning code includes mixed use districts	1	1	1	2	2	4	4
5	Mixed-use language from Smart Code TBA.	0	0	0	0	2	0	0

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# Sustainability Strategies Scoresheet

**GREEN TIER**



<b>NATURAL RESOURCE MANAGEMENT</b>								
Natural resource management strategies seek to conserve, preserve, protect and promote a community's greenspace, wildlife, wetlands and waterways for this and future generations by promoting pervious surfaces and adequate setbacks.								
<b>Canopy</b>								
3	Adopt tree preservation ordinance per GTLC standards	0	0	0	0	0	0	0
3	Set a tree canopy goal and develop a management plan to achieve it	2	2	2	2	2	2	2
4	Have a Master Naturalist; ISA Certified Arborist or WDNR Community Tree Management Institute (CTMI) graduate on staff	0	4	4	4	4	4	4
2	Have community tree canopy mapped - <a href="https://pg-cloud.com/Wisconsin/">https://pg-cloud.com/Wisconsin/</a>	0	0	0	0	0	0	0
2	Require trees to be planted in all new developments	1	1	1	2	2	2	2
2	Certification as Tree City USA	1	1	1	2	2	2	2
2	Certification as Bird City Wisconsin Community	0	0	0	2	2	2	2
<b>Vegetation Management</b>								
10	Public properties and rights of way mown or cleared only for safe sightlines and/or to remove invasive species.	0	0	0	0	0	0	0
10	Create community policy and BMP guidelines on minimizing chemical use during vegetation management of public and private properties	0	0	0	0	2	2	2
<b>Water Protection</b>								
6	Establish 75-foot natural vegetation zone by surface water.	0	0	0	0	0	3	3
6	Inventory wetlands and ensure no net annual loss.	1	1	1	1	5	6	6
<b>Community Energy Use</b>								
Community energy use strategies encourage energy efficiency and the use of renewable fuels to reduce total energy consumption throughout the community								
<b>Community Energy Use Policies</b>								
10	Adopt PACE ordinance/jpa	0	0	0	0	0	10	10
10	Use PACE financing	0	0	0	0	0	0	0
5	Watt meters available to the public	0	0	0	5	5	5	5
5	Offer residents and businesses a mechanism to purchase shares of the electricity generated through a local renewable energy project. (Ex. a community solar program)	0	0	0	0	0	0	0
5	Facilitate a group-buy program through which residents receive discounted, volume-based pricing on energy efficiency or renewable energy projects based on aggregated demand.	0	0	0	0	0	0	3
3	Commit to achieving a science-based, community-wide GHG reduction goal.	0	0	0	0	0	0	3
3	Adopt Residential Energy Conservation Ordinance (time-of-sale certification and upgrades).	0	0	0	0	0	0	0
<b>Measuring Community Energy Use</b>								
6	Work with local utilities to calculate total electricity and natural gas consumption annually, beginning with the fifth year before entering the program.	0	0	0	4	4	6	6
5	Achieve milestone reductions in GHG emissions, as specified in the community's science-based GHG reduction goals.	0	0	0	0	0	0	3
5	State of Wisconsin Energy Independent (EI) Community designation.	5	5	5	5	5	5	5

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# Sustainability Strategies Scoresheet

**GREEN TIER**



**MUNICIPAL ENERGY USE**  
Municipal energy use strategies encourage municipal employees to conserve energy, preserve the environment, and decrease greenhouse gas emissions from municipal facilities, services, and vehicle fleets.

**Government Energy Use Policies**

5	Include transportation energy/emissions as criterion in RFPs for purchases of goods over \$10,000.	0	0	0	0	0	0
2	Develop list of lighting, HVAC and shell improvements to raise Energy Star Portfolio Manager or LEED EBO&M score	2	2	2	2	2	2
10	Reduce motor fuels use for non-transit activities	0	0	0	0	1	0
6	Provide transit passes at 50 percent or more off the regular price and/or provide parking cash-out options for local government employees.	0	0	0	0	2	6
6	Streetlights operate at 75 lumens/Watt or higher	0	0	0	1	2	3
4	Stoplights are LED or functional equivalent	0	0	4	4	4	4
2	Establish a policy requiring that all major remodeling projects on municipal buildings result in the building receiving an ENERGY STAR score that is five points higher than the building's pre-remodel score.	0	0	0	0	0	0
6	Commit to achieving a science-based GHG reduction goal for emissions resulting from all municipal operations.	0	0	0	0	0	6
3	Incorporate energy use intensity (EUI) targets into the contracting process for all significant municipal construction projects.	0	0	0	0	0	0
5	Establish policies requiring that all new municipal buildings achieve an ENERGY STAR score of 75 or higher.	0	0	0	0	0	0
2	Municipal electricity purchases are at least 5 percentage points higher in renewable content than the statewide renewable portfolio standard requires. Calculation may include self-generated power and purchased offsets.	0	0	0	0	2	2

**Measuring Government Energy Use**

2	Work with Energy Task Force   OEI to track municipal facilities - Complete EPA Energy Star Portfolio Manager spreadsheet for government energy use. Or score existing buildings with LEED EBO&M.	0	0	0	2	2	2
3	Achieve milestone reductions in GHG emissions, as specified in the municipality's science-based GHG reduction goal.	0	0	0	0	0	1
4	Calculate annual government fleet use of motor fuels, in gallons of petroleum and biofuels, beginning with the fifth year before entering the program.	0	0	0	0	2	4
10	All new and renovated municipal buildings must meet LEED Silver or greater.	0	0	0	0	0	0


**WATER USE CONSERVATION**  
Water Conservation strategy options set baselines and goals for water and energy performance in municipalities. They measure progress and promote water conservation by the government, business, and the community at-large.

**Water Conservation**

5	Track water and sewer use annually, beginning with fifth year before entering program, and develop plan for reductions.	3	3	3	3	5	5
1	Develop a water loss control plan with targets below the 15% required by the state and include a system-wide water audit implementation and time table.	1	1	1	1	1	1
2	Join EPA's WaterSense Program for water utilities or the Groundwater Guardian Green Sites program and promote them to local business.	2	2	2	2	2	2
6	Use block rates and flat rates to encourage water conservation among residential, commercial, and industrial users.	2	2	2	2	6	6
3	Infiltration and inflow reduction by 10%	0	0	0	1	1	1
3	Plan for replacing all toilets using > 1.6 gpf and annual progress sufficient to reach 90 percent replacement in 10 years.	0	0	0	0	0	0



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# Sustainability Strategies Scoresheet

**GREEN TIER**



<u>Local Government Use</u>								
2	Install waterless urinals in men's restrooms at municipal facilities (city hall, parks, etc.)	0	0	0	0	0	0	0
2	All outdoor watering by local government, excluding parks and golf courses, from rain collection.	0	0	0	0	0	0	0
2	Develop a water efficiency and conservation plan for municipal buildings	0	0	0	0	0	0	0
<b>WATER AND WASTEWATER INFRASTRUCTURE MANAGEMENT</b>								
Setting goals for the sustainable management of water and wastewater infrastructure reduces costs; saves energy; and ensures the protection of public health and the environment.								
5	Develop and implement asset management plans that set targets for the sustainable maintenance, operation and renewal of water and wastewater infrastructure.	0	0	0	5	5	5	5
5	Wastewater biogas captured and used in operations.	0	0	0	0	0	0	0
6	Conduct an energy assessment for municipal water and wastewater facilities and develop a plan to increase energy efficiency	0	0	0	0	0	6	6
3	Financial assistance for sewer lateral replacements.	0	0	0	0	0	0	0
4	Set goals for increasing the recovery of resources from wastewater for energy generation (heat or electricity) and fertilizer.	0	0	0	0	0	0	0
4	Explore partnership options with high-strength waste.	0	0	0	0	0	0	0
4	Upgrade water and wastewater utility equipment (e.g., variable frequency drive motors) to achieve energy efficiency based on total life cycle, triple bottom line costs (e.g. maintenance and replacement strategies in asset management plans).	0	0	0	4	4	4	4
<b>STORMWATER MANAGEMENT</b>								
Stormwater Management strategy options encourage the use of best management practices to achieve a reduction in the amount of harmful pollutants introduced to our streams, rivers, and lakes.								
3	Develop a regular street sweeping program to reduce total suspended solids	2	2	2	3	3	3	3
4	Stormwater utility fees offer credits for best management practices such as rain barrels, rain gardens, and pervious paving	0	0	4	4	4	4	4
3	Inventory all paved surfaces (e.g., by GIS mapping), and develop a plan for reduction	2	3	3	3	3	3	3
5	Work with commercial or light industrial businesses to develop stormwater pollution plans	0	0	0	2	2	5	5

Max. Score  
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# Sustainability Strategies Scoresheet

**GREEN TIER**



<b>WATER AND DEVELOPMENT</b>								
Water and Development strategy options link water conservation and the preservation of land, wetlands, and wildlife habitat while promoting compact development, restoration and rehabilitation efforts, and long-term planning.								
<u>Land Development</u>								
3	Identify key green infrastructure areas during plan development and/or implement a plan to acquire and protect key green infrastructure areas	0	0	0	3	3	3	3
<u>Waters, Wetlands, and Wildlife</u>								
3	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	0	0	0	0	0	1	1
4	Develop a system for identifying culverts that obstruct fish migration and install fish friendly culverts where needed	3	3	3	5	5	4	4
4	Provide incentives for protection of green infrastructure, sensitive areas, important wildlife habitat, or for the restoration or rehabilitation of wetlands or other degraded habitats such as credit towards open space or set-aside requirements	0	0	0	0	0	0	0
<b>WASTE MANAGEMENT AND REDUCTION</b>								
Waste Management and Reduction strategy options encourage municipalities and their citizens to divert organics and recyclables from landfills and properly dispose of hazardous materials in an effort to reduce waste in a community.								
8	Community waste stream monitored at least annually . Waste reduction plan prepared and updated annually	1	1	1	1	1	2	4
8	Waste and materials management plan based on "zero-waste" principles, with specific goals, prepared and updated annually	0	0	0	0	0	0	1
3	Construction/deconstruction waste recycling ordinance	0	0	0	0	0	0	0
5	Mandatory residential curbside recycling pickup that covers paper, metal cans, glass and plastic bottles	5	5	5	5	5	5	5
5	Develop a municipal collection program that encourages the diversion of food discards, yard materials, and other organics from landfills to composting or anaerobic digestion with energy recovery	1	1	1	1	1	1	1
6	Develop and promote programs that dispose of household hazardous, medical, and electronic waste	1	1	1	1	1	2	2
7	Use anaerobic digesters to process organic waste and produce energy	0	0	0	0	0	0	0
5	Implement municipal ordinances requiring manufacturer takeback for fluorescent bulbs, thermostats and other mercury-containing devices	0	0	0	0	0	0	0
4	Ordinances in place to reduce the usage of phone books as well as single-use shopping bags, styrofoam food containers and other disposable packaging	0	0	0	0	0	0	0
4	Pay-as-you-throw system implemented by municipality or required of private waste haulers	0	0	0	0	0	0	0
3	Use public education and outreach to promote recycling, backyard composting, product re-use and waste reduction	0	0	0	1	1	3	3

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# Sustainability Strategies Scoresheet

**GREEN TIER**



HEALTHY COMMUNITY PLANNING								
Policies and projects related to incorporating health living into community design- whether by built form, programs, education, etc. in an effort to reduce trends in poor nutrition, inactive lifestyles, chronic diseases, such as obesity and heart disease, and other negative health risk factors.								
<u>Policies Affecting Multiple Program Areas</u>								
7	Adopt a resolution that promotes Health in All Policies at the community level (e.g., HEAL Resolution). Include that educational campaigns supporting a program covered by the resolution are appropriately targeted to all of the populations addressed by the program	0	0	0	0	0	4	4
8	Establish a Health Impact Assessments policy, including when an assessment is required and its scope	0	0	0	0	0	0	0
<u>Planning</u>								
7	Add health policies in 1 or more of the community's plans, including the comprehensive plan, long-range transportation plan, bicycle/pedestrian plan and open spaces recreation plan (embedded or stand-alone chapter) or develop a comprehensive, community wide wellness plan.	0	0	0	0	0	3	5
6	Site schools in the Comprehensive Plan for accessibility with existing or new bicycle and pedestrian infrastructure	0	0	0	1	1	6	6
8	Encourage the formation and/or support of Neighborhood Improvement Districts (NIDs), Neighborhood Development Corporations, or other similar types of neighborhood reinvestment and enhancement strategies in plans or policies.	0	0	0	4	4	4	4
<u>Healthy Food Access</u>								
7	Implement strategies (urban agriculture, community gardens on public land, diversified farmer's markets, expanded traditional retail food options, ordinances to allow urban chickens and beekeeping and vegetable gardening in rights of way) that help increase fresh food access in the community, in particular in areas with food insecurity (e.g., "food deserts" and "food swamps"), including access by EBT and WIC participants.	0	0	0	3	3	3	3
6	Create a Food Systems Plan that addresses the production, distribution, value-added, marketing, end-market, and disposal of food, and charge a new or existing governmental body to oversee the plan's implementation.	0	0	0	0	0	0	0
<u>Physical Activity and Access</u>								
5	Provide an on-street and/or off-street trail network connecting recreational areas in the community (e.g. safe routes to parks) and other trip generators, such as shopping malls, ensuring all neighborhoods are included in planning and implementation.	0	0	0	0	3	3	5
4	Encourage pedestrian and bicycle site connections from front door of businesses or apartments to a public sidewalk and/or bike lane ensuring connections to all neighborhoods.	0	0	0	0	2	2	4
4	Provide education and establish programming to encourage physical activity, especially by youth.	0	0	0	1	3	3	3
7	Establish an expanded public transit that serves commuters from all neighborhoods and major parks and recreation facilities, and has racks on vehicles for carrying bicycles.	0	0	0	3	3	7	7
5	Require sidewalks in new residential areas and establish a policy for adding sidewalks, as appropriate, in areas built out without sidewalks.	0	0	0	0	0	0	2
2	Implement a Complete Streets policy.	0	0	0	0	0	0	0
5	Provide recreation programs for youth, adults, senior citizens and disabled persons.	0	0	0	3	4	5	5
5	Establish a pedestrian safety task force.	0	0	0	0	0	3	5

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# Sustainability Strategies Scoresheet

**GREEN TIER**



		<b><u>Housing</u></b>						
6	Adopt ordinances and programs to maintain a healthy housing stock (code enforcement, landlord licenses, volunteer program, truth-in housing disclosure before sale, etc.).	0	0	0	1	3	3	5
5	Allow life cycle or adaptable housing options, such as "aging in place", accessory dwelling units, Universal or Inclusive Design, Dementia Friendly Communities, Age-Friendly Communities, etc.	0	0	0	1	1	5	5
8	Establish a program to make housing more affordable.	0	0	0	0	0	2	2
5	Establish a program to address chronic homelessness, such as "permanent housing".	0	0	0	0	0	0	0
		<b><u>Crime Prevention and Other Harm Reduction</u></b>						
4	Use by policy, ordinance or practice, Crime Prevention Through Environmental Design and active threat planning to make public spaces, such as recreational space, crime free.	1	1	1	1	1	1	1
5	Establish and implement Harm Reduction strategies for alcohol outlet density and sexual oriented establishments (e.g. zoning limitations)	5	5	5	5	5	5	5
5	Adopt an ordinance or policy that requires tobacco-free and e-cigarette free apartments or places limitations on such structures.	0	0	0	0	0	3	3
6	Adopt an ordinance or policy that promotes tobacco-free and e-cigarette free parks and/or public events on local government-owned property.	0	0	0	0	0	3	6
		<b><u>Climate Change</u></b>						
5	Create and implement a climate change action plan that includes a carbon footprint study, and health related components on reducing air pollution from combustion of fossil fuels and responding to heat episodes and flooding, focusing in particular on most vulnerable populations.	0	0	0	0	0	1	5
		<b><u>Noise</u></b>						
5	Adopt an ordinance, including conditional use permits, on noise abatement for various zoning districts.	5	5	5	5	5	5	5
		<b><u>Employee Health</u></b>						
5	Implement a wellness program for employees of the local jurisdiction.	0	0	0	0	0	0	0
5	Encourage or partner with others, such as the Chamber of Commerce, etc., to advance workplace wellness programs within the community.	0	0	0	0	0	0	0

Max. Score  
653.



**GREEN TIER**

# Sustainability Strategies Scoresheet



<u>Placemaking</u>							
5	Support placemaking at varying scale (neighborhood to major city facility) and permanence (temporary to permanent) through programming, financial support and removal of regulatory barriers to promote healthy living and social capital in the community.	0	0	0	0	0	0
5	Adopt form-based codes or similar type design guidelines for healthy active living environments.	3	3	3	3	3	3
<u>Waste Pharmaceuticals</u>							
6	Establish partnerships to reduce waste pharmaceuticals generated in the community and to efficiently collect remaining wastes to prevent their abuse and entry into solid waste or wastewater.	3	3	3	3	3	3
<b>TOTAL SCORED:</b>		<b>73</b>	<b>78</b>	<b>86</b>	<b>147</b>	<b>195</b>	<b>278</b>
<b>TOTAL POSSIBLE:</b>		<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>653</b>
<b>PERCENTAGE ACHIEVED:</b>		<b>14%</b>	<b>15%</b>	<b>16%</b>	<b>27%</b>	<b>36%</b>	<b>49%</b>

2017 Goal of 40%    2018 Goal of 60%    **2019 Goal 60%**