

Header: Sustainable Sheboygan

SubHeader options: Investing in a resilient future

Introduction:

Now is the time for action. Climate change is a quickly encroaching threat to our economy, environment, and quality of life. Sheboygan must make a positive impact by planning and implementing changes that improve our resilience and economic stability while creating cleaner air and water. Sheboygan recognizes that climate instability disproportionately impacts disadvantaged communities, therefore the city will emphasize equity in its sustainability endeavors. Sheboygan is ready to aggressively pursue current and future funding opportunities and prepare for a more sustainable future.

## **Sheboygan will protect our health, environment, and economic development. By 2027, we will plan and begin implementation of the following:**

### **1. The City of Sheboygan Leading by Example**

- a. Meet 100% of our municipal electricity needs with carbon-free energy by 2030.
- b. Meet 100% across the city of Sheboygan with carbon-free electricity by 2035.
- c. Maximize funding opportunities to implement sustainability improvements.
- d. Ensure municipal LED lighting is appropriate for wildlife and people.
- e. Improve energy efficiency and conservation within city buildings.
- f. Engage and inform the public on sustainability options and plans.
- g. Purchase energy efficient vehicles, including moving to a zero-emission vehicle fleet and infrastructure.

### **2. Make Sheboygan's Buildings More Energy Efficient**

- a. Partner with community-based organizations to upgrade rental and owner-occupied affordable housing to high efficiency energy standards.
- b. Promote and create an environment to develop a solar program for owner occupied housing, rental housing, commercial businesses, and non-profit organizations.
- c. Review and update city codes and ordinances to ensure they encourage energy efficient buildings and sustainable infrastructure.

### **3. Continue to Develop the Infrastructure for Low Carbon Transportation Modes**

- a. Establish a plan for public electric vehicle charging stations, partnering with private businesses.
- b. Transition to zero public transportation, and expand routes to provide fast, equitable, and frequent service.
- c. Explore and secure alternative public transportation funding

- d. Expand and improve the infrastructure for safe walking and biking
  - e. Build upon Sheboygan's Strong Town qualities by increasing incremental housing, investing in walkable mixed-use neighborhoods, transparent local accounting, and ending parking mandates and subsidies.
  - f. Require new developments to create plans which promote walking, biking and public transportation.
- 4. Invest in Our Community by Preserving, Enhancing, and Rehabilitating Our Natural Environment**
- a. Develop and approve a plan to improve air quality.
  - b. Review and update all city codes, ordinances and policies to encourage sustainability
  - c. Accelerate our planting program to focus on climate resilient, native, and edible plants and trees.
  - d. Invest in stormwater management and green infrastructure solutions to improve water quality and minimize storm damage.
  - e. Provide education to promote sustainability, while encouraging volunteerism.
  - f. Expand city wide waste reduction programs by increasing recycling and composting.
  - g. Assess city green space maintenance practices to use less energy; increase native plantings and continue to minimize chemical fertilizers and pesticides, and increase access to garbage and recycling bins.

Did you know?

1. Alliant Energy to build the Edgewater Battery Project, storing enough energy to power over 100,000 homes
2. Electricity and Transportation makeup 57% of Wisconsin greenhouse gas emissions
3. Sheboygan projections for 90+ degree days are estimated to triple years 2041-2060
4. Since the 1950s, Wisconsin has warmed 2.1°F and its annual precipitation has increased by 15 percent (4.5 inches)
5. The world needs to cut greenhouse gas emissions by 50% by 2030 to prevent catastrophic climate impacts