

MADISON SUSTAINABILITY PLAN

Presentation to Transportation Commission
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City of Madison Sustainability Plan



Aims

1. Bring together the City's sustainability goals all in one place.
2. Reflect the sustainability and climate actions included in many current City plans and initiatives.
3. Fill in any gaps not already included in other plans.
4. Provide a flexible framework that enables adaptation and innovation.
5. Put us on a pathway to a more sustainable, equitable, climate-resilient Madison.

City of Madison Sustainability Plan



Contents

Executive Summary

Introduction

Goals and Actions

- 1) Quality Affordable Housing
- 2) Resilient City Design & Infrastructure
- 3) Renewable Energy & Decarbonization
- 4) Sustainable Transportation
- 5) Clean, Abundant Water
- 6) Zero Waste
- 7) Healthy Ecosystems
- 8) Vibrant Green Economy

Next Steps

Glossary

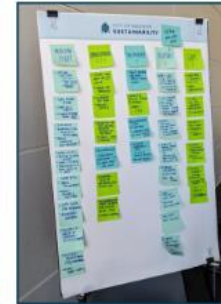
Appendices

- Goals + Actions Table

Community Engagement

May – November 2023

- 1 Community Survey
- 2 Pop-up Events
- 7 Focus Groups



~60
FOCUS GROUP ATTENDEES



~1624
COMMUNITY SURVEY RESPONSES

1,608 English

2 Chinese

14 Spanish

~626
POP-UP PARTICIPANT COUNT



8 Elements

- Introduction
- Goals
- Actions
- Highlights

Greenways and Prairie Plantings

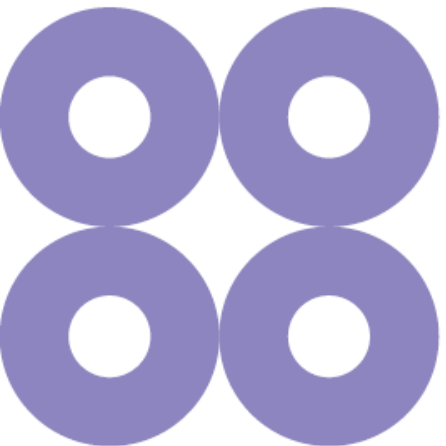
The City of Madison [Stormwater Utility](#) is responsible for designing, building, operating and maintaining the City's stormwater system. One part of this system is greenways. A greenway is a corridor of protected open space that is maintained for stormwater management. Greenways are planted with native seeds to provide habitat for pollinators and other animals, improve water quality, and minimize the potential for flooding.





8 Elements

- Quality, Affordable Housing
- Resilient City Design and Infrastructure
- Renewable Energy and Decarbonization
- Sustainable Transportation
- Clean, Abundant Water
- Zero Waste
- Healthy Ecosystems
- Vibrant, Green Economy





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Resilient City Design & Infrastructure



GOAL 5	Facilitate the development of dense, compact, and livable neighborhoods that support walking, biking, and transit use.
METRICS	Area in City's zoning Number of neighborhood plans that include mixed-used activity centers
ACTION 5.1	Plan and facilitate the development of mixed-use activity centers featuring shops, services, employment, green space, and a mix of housing types as identified in the Growth Priority Areas Map in the City's Comprehensive Plan.
ACTION 5.2	Implement Transit-Oriented Development (TOD) Zoning along Bus Rapid Transit (BRT) and other high-frequency transit service corridors.
ACTION 5.3	Encourage formation of Transportation Management Associations to coordinate Transportation Demand Management (TDM) efforts on large projects.



Renewable Energy & Decarbonization



GOAL 10	Reduce greenhouse gas emissions from vehicles community-wide to achieve the City's goal of reaching net zero emissions community-wide by 2050.
METRICS	GHG emissions from vehicles community-wide
ACTION 10.1	Continue to encourage and promote the use of electrical vehicles and installation of charging infrastructure community-wide.
ACTION 10.2	Implement a 20 mph speed limit on all local streets and review all High Intensity Network streets to determine appropriate speed limits as described in the Vision Zero Action Plan .
ACTION 10.3	Increase the number of EV charging stations available to the public to meet projected future needs, informed by market analysis, and ensure that charging is available in all neighborhoods.



Sustainable Transportation



GOAL 12	Increase access to and use of public transit and active transportation, including walking, biking, and rolling.
METRICS	Number of transit trips Number of BCycle rides and station coverage Miles of bike and pedestrian infrastructure
ACTION 12.1	Continue to improve Metro service coverage, frequency, and travel times.
ACTION 12.2	Improve and expand bike facilities, including “All Ages and Abilities” bike infrastructure.
ACTION 12.3	Expand the availability of electric bike and bike rideshare stations into areas underserved by current services.



GOAL 12	Increase access to and use of public transit and active transportation, including walking, biking, and rolling.
METRICS	Number of transit trips Number of BCycle rides and station coverage Miles of bike and pedestrian infrastructure
ACTION 12.4	Continue to improve the pedestrian network with a focus on advancing accessibility for people of all ages and abilities.
ACTION 12.5	Support education and services that remove barriers for underserved communities to use bicycle, pedestrian, and transit infrastructure, for example providing bike safety classes, free bike repairs, and bus passes.
ACTION 12.6	Increase number of low-income Metro passes available, including deeply subsidized or free youth Metro passes.



GOAL 13	Reduce annual vehicle miles traveled (VMT) per capita by 15% community-wide from 2020 levels by 2050.
METRICS	Average annual vehicle miles traveled per capita
ACTION 13.1	Create opportunities for multimodal trips that include public transit, for example by adding park and ride facilities, bike parking, bike sharing stations, and ride sharing options within a 1/4 mile of public transit stops.
ACTION 13.2	Work with major employers and promote Transportation Demand Management (TDM) strategies to reduce single-occupancy vehicle trips.

Adoption Journey

- 5/21 Common Council
- 6/12 Transportation Committee
- 7/8 Plan Commission
- 7/17 Economic Development Committee
- 7/22 Sustainable Madison Committee
- 8/6 Common Council

Next Steps



Thank you!

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