

MADISON SUSTAINABILITY PLAN

Presentation to Sustainable Madison Committee
Jessica Price, PhD – Sustainability and Resilience Manger

August 5, 2024

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

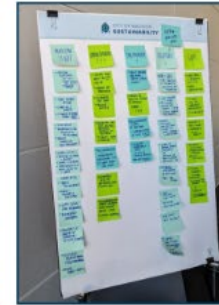
Appendices

- 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.



ADOPTION JOURNEY

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



Requested Updates

- Action 6.4 in Resilient City Design and Infrastructure
- Actions 9.2 and 9.3 in Renewable Energy and Decarbonization
- Action 17.5 in Healthy Ecosystems

Committee Addition

- Add Action 12.7 in Transportation



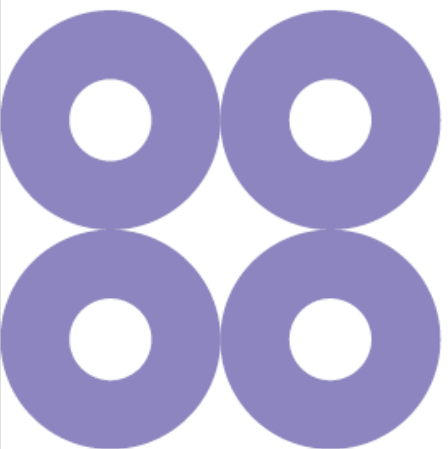
Action 6.4

- Integrate nature-based solutions, including green infrastructure **and native, deep-rooted plants**, into City projects to improve climate resilience and provide ecosystem services such as urban cooling, water and air quality improvements, and carbon sequestration.



Action 9.2

- Purchase only electric light- and medium-duty fleet vehicles **to the greatest extent feasible** by 2025.





Action 9.3

- Transition the heavy-duty fleet to B100 (100% biodiesel), ~~or~~ electric, or low or no carbon fuels by 2030 to the greatest extent possible, with funding assistance from public and private sector grants.



Action 12.7 (NEW)

- Expand Safe Routes to School, multi-modal travel education and increase the number of students and families choosing to walk, bike and take transit.



Action 17.5

- ~~Identify and restore degraded wetlands on City property and stormwater greenways. Prioritize native habitat on new stormwater facilities and other City property where possible to provide essential wetland habitat, water quality and infiltration services, as well as native habitat.~~



Thank you!

Jessica Price, PhD
Sustainability and Resilience Manager
jprice2@cityofmadison.com

Gregg May
Sustainability Program Coordinator
gmay@cityofmadison.com