

SUSTAINABILITY & RESILIENCE PROGRAM

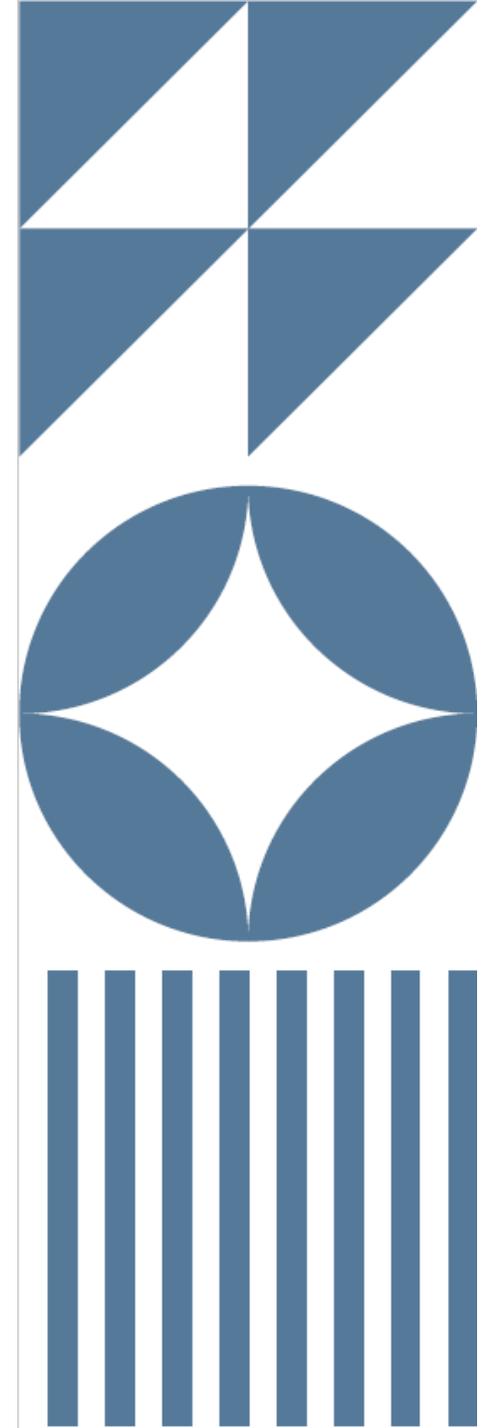


Alder Onboarding
2025

Program Mission

The Sustainability Team's mission is to make our community more environmentally sustainable and resilient for current and future Madisonians.

To achieve this mission, we collaborate across city agencies and the Madison community to develop and implement policies and programs that advance the City's energy, climate, and sustainability goals.



Energy and Climate Goals

Madison has adopted the ambitious goal of reaching 100% renewable energy and net-zero carbon emissions for city operations by 2030 and community-wide by 2050.

Our Greenhouse Gas Inventory shows where our emissions come from and how they're changing over time.

MADISON, WISCONSIN

2018 & 2022 Inventory of Community-wide Greenhouse Gas Emissions



Sustainability Goals

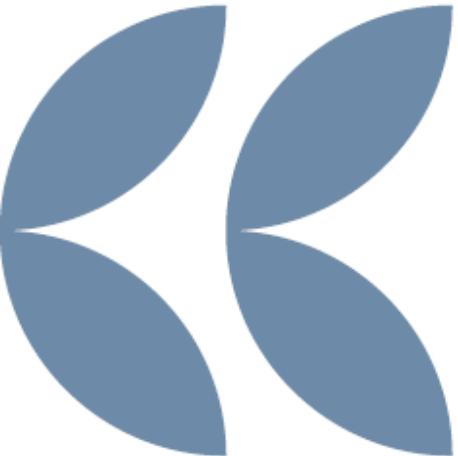
The Sustainability Plan was adopted in August 2024.

Includes 24 goals across eight categories

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

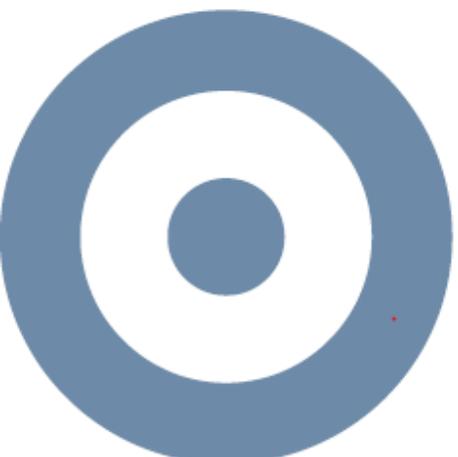
City of Madison Sustainability Plan



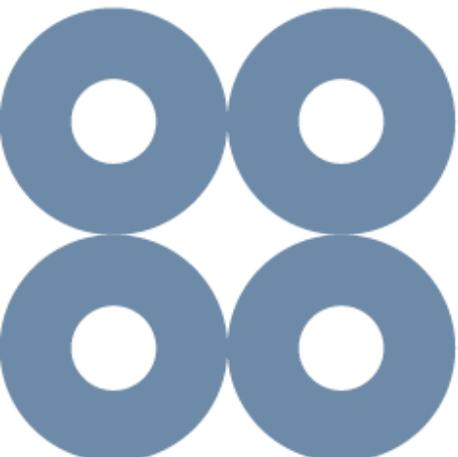


Sustainability Staff

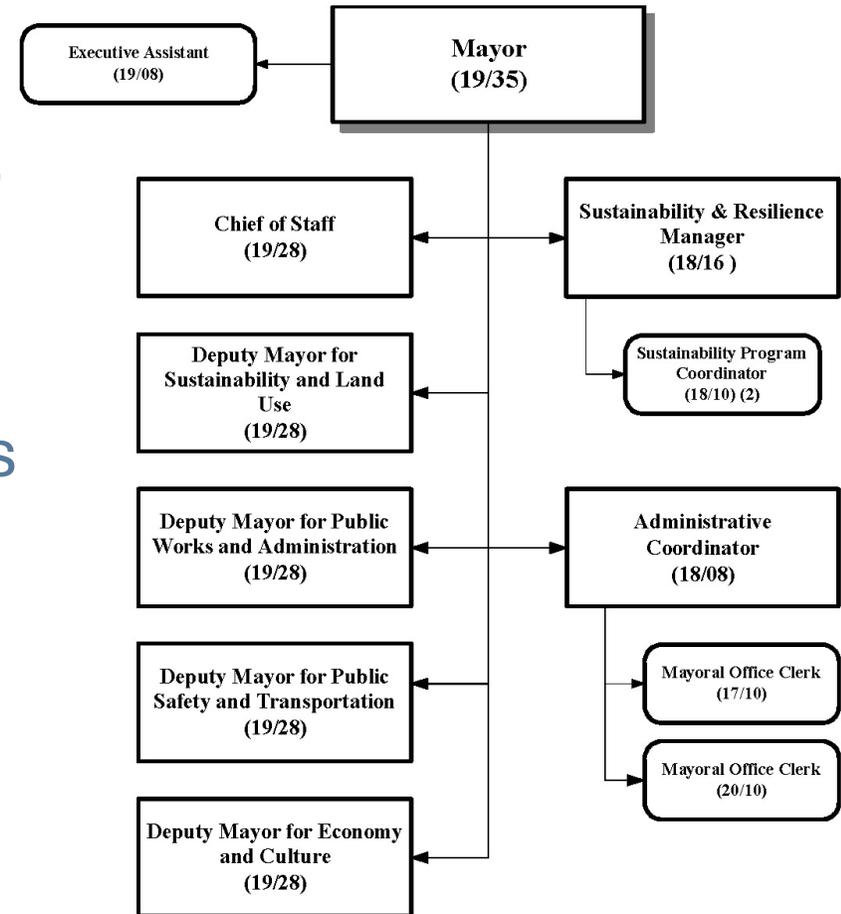
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Program Highlights

1. Air Quality
2. Building Energy Efficiency & Decarbonization
3. Renewable Energy
4. Electric Vehicles
5. Sustainable Purchasing
6. Sustainability Plan Implementation



1. Air Quality Monitoring

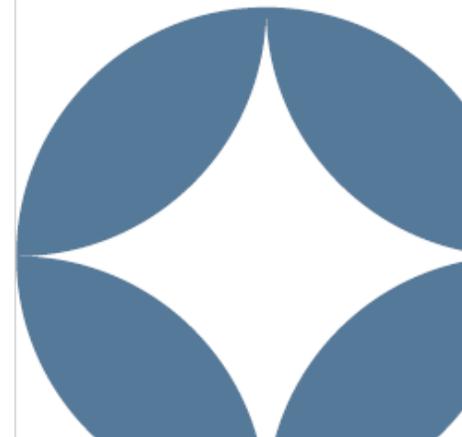
Leading a collaborative project to build a [citywide network of air quality sensors](#) to help understand air pollution in our community.

Supported by grant funding from EPA through May 2026

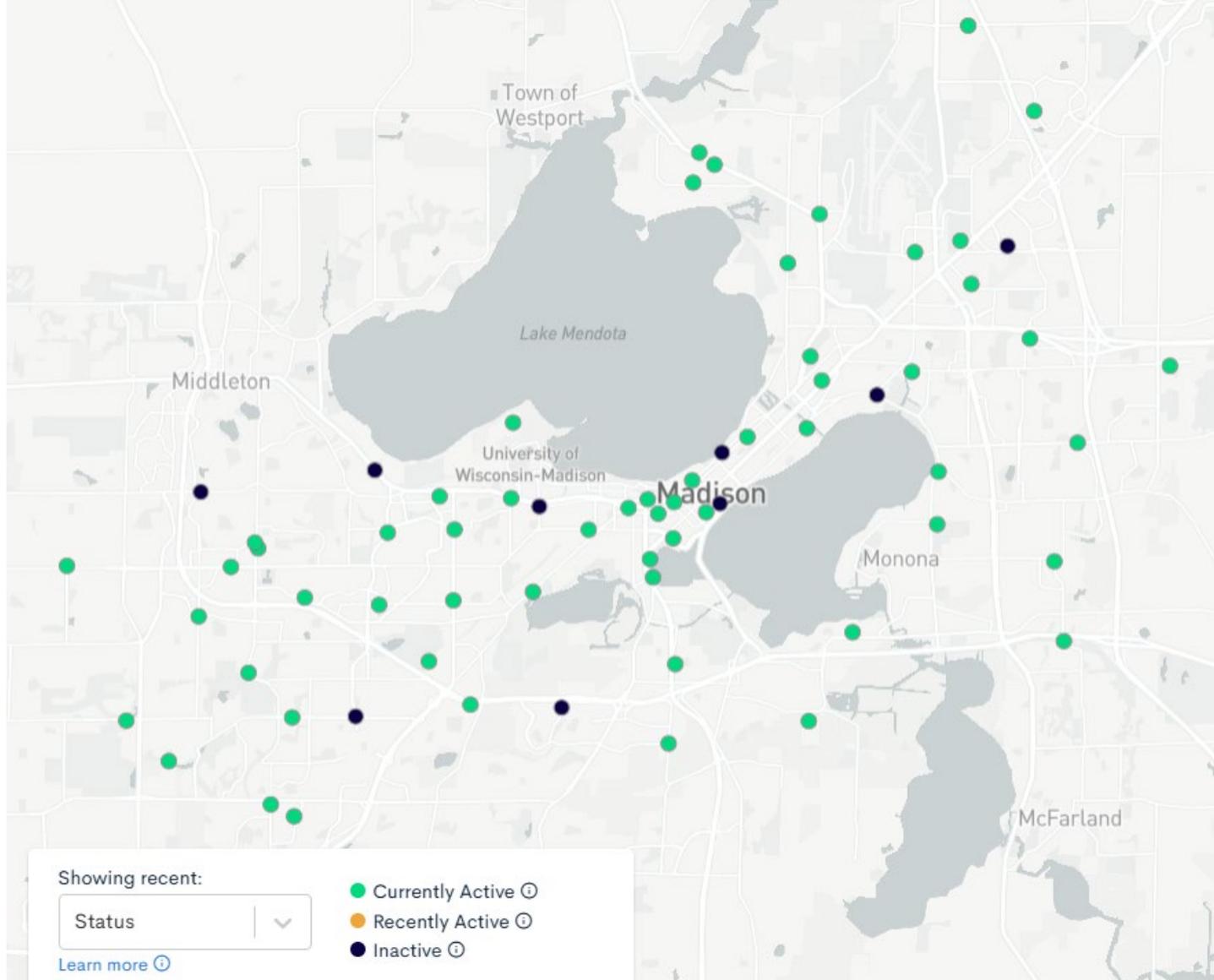
Partners include local nonprofits, University of Wisconsin – Madison, Public Health Madison and Dane County, Traffic Engineering and Parks

2025

- Provide the public with access to the data online
- Education and outreach events
- Upgrade solar panels and batteries to improve data continuity
- Begin data analysis



65 sensors are installed across Madison, roughly in each 2018 census tract.



2. Building Energy Efficiency & Decarbonization

Leading programs to improve energy efficiency and reduce fossil fuel use in buildings community-wide and across the city's portfolio, including:

- Building Energy Savings Program
- Residential Building Energy Upgrades
 - Efficiency Navigator
 - Community Change and Energy Future Grants
- Building Decarbonization Planning

Collaborating to include efficiency and decarbonization in work across agencies, including:

- CDD's Rehabilitation Programs & Affordable Housing Fund programs
- Development Assistance Team
- Grant application support for any agency seeking funds for this or other sustainability work



Building Energy Savings Program

Implementing the [Building Energy Savings ordinance](#), which requires large commercial buildings to benchmark their energy use annually and tune up build systems every 4 years.

2025 is the second year of phasing in the program.

2025

- Launch year 2 of benchmarking, includes ~470 buildings
- Launch early bird submission for tune-ups
- Providing extensive outreach and education to building owners about the program and support to comply





Residential Building Upgrades

Provide technical assistance and free energy upgrades to single- and multifamily homes via the Efficiency Navigator and Project Home's Weatherization Assistance Program.

2025

- Scale up reach of both programs with funding from EPA and DOE
- Education and outreach events
- Upgrade ~280 units of affordable housing
- Support workforce training

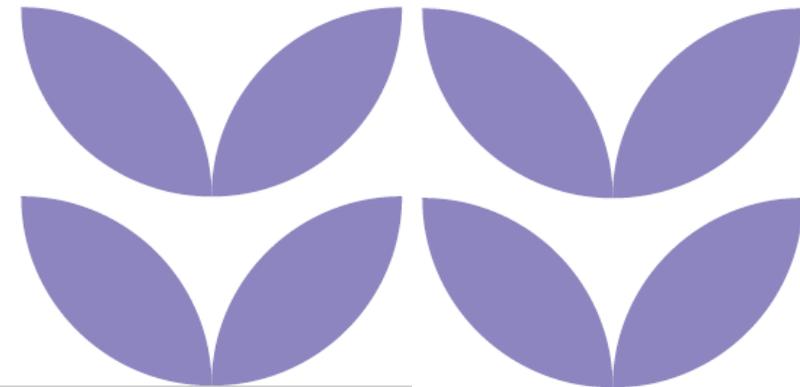
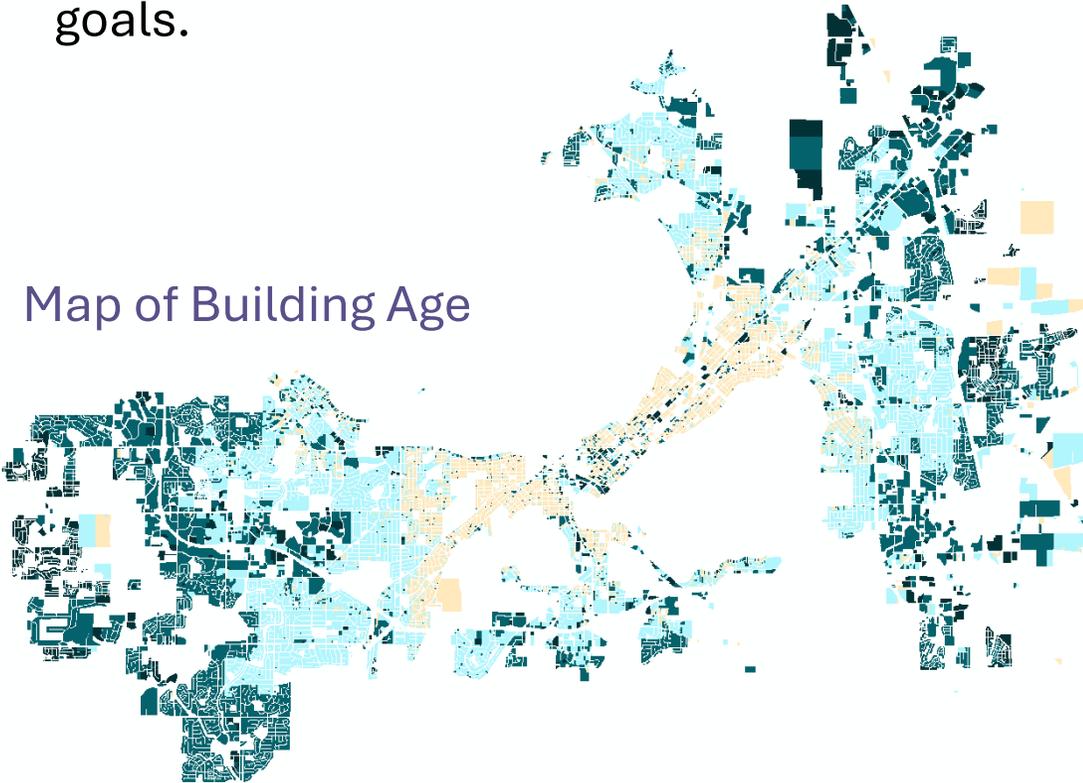
Building Decarbonization Planning

Providing data analysis, policy research, and strategic support to chart a path to reducing fossil fuel use in buildings community wide and in the City's portfolio to achieve 2030 goals.

2025

- Complete community-wide building stock analysis & decarbonization pathway
- Collaborate across agencies to plan for decarbonizing City buildings
- Leverage plans for communication, funding, and market transformation

Map of Building Age



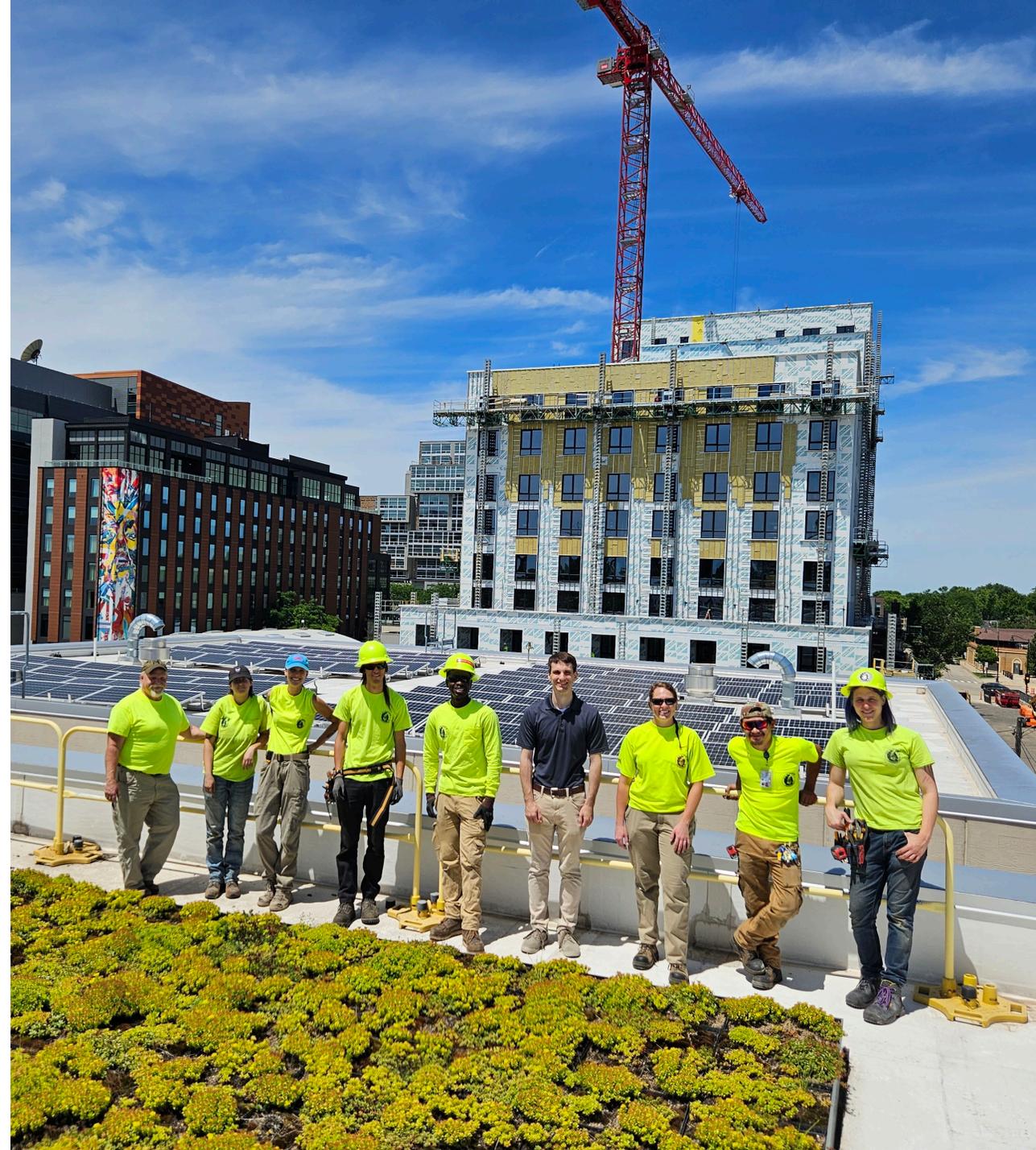
3. Renewable Energy

Working to implement the goal of 100% renewable energy for city operations by 2030.

Currently at ~82% renewable electricity for city operations.

2025

- Lead participation in MG&E's Community Shared Solar program to reach 100% renewable electricity.
- Explore options for renewable natural gas and other emerging solutions.



4. Electric Vehicles

Supporting adoption of electric vehicles community-wide, including engagement with utility and regulatory agencies

2025

- Serve on the leadership team for Dane County's Clean Fueling Infrastructure grant
 - Aims to install 98 new EV charging stations across Dane County
 - Ensure alignment with City policies and explore opportunities to host stations

5. Sustainable Purchasing

Collaborate across City agencies to review, update, and create Administrative Procedure Memoranda (APMs) to guide purchasing of products and services by the City.

2025

- Work with an AASPIRE intern to review existing relevant APMs and make recommendations to update them.
- Craft new APMs for purchasing policies not currently addressed but aligned with sustainability objectives.



6. Sustainability Plan

Coordinate with agencies to implement and track progress for the City of Madison Sustainability Plan.

2025

- Outreach and collaboration with City agencies
- Identify Sustainability Champions and begin meeting
- Issue year 1 progress report

City of Madison Sustainability Plan





Sustainable Madison Committee

The Sustainable Madison Committee takes a leadership role in advancing sustainability and environmental protection for the City of Madison. It meets once a month on Mondays at 4:30pm.

The committee consists of eleven (11) members, including:

- 1 Common Council member
- 1 Board of Public Works member (who may also be a Council member),
- 9 community representatives with an interest in sustainability

Members bring a variety of perspectives and experiences related to air; water; energy; transportation and land use; food; the built environment; finance, economics and workforce; culture (health, education, arts); environmental justice; climate; and youth perspectives (ages 14—24).



CITY OF MADISON
SUSTAINABILITY

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