

2025 PRIORITIES

SUSTAINABILITY & RESILIENCE PROGRAM



Sustainable Madison Committee

Jessica Price, PhD

January 27, 2025



Program Highlights

1. Air Quality
2. Building Energy Efficiency & Decarbonization
3. Renewable Energy
4. Electric Vehicles
5. Climate Resilience
6. Sustainability Plan
7. Market Development

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 (\$430k)

Partners:

- Foundation for Black Women's Wellness
- Latino Health Council
- The Hmong Institute
- University of Wisconsin – Madison
- Public Health Madison and Dane County
- Traffic Engineering
- Parks

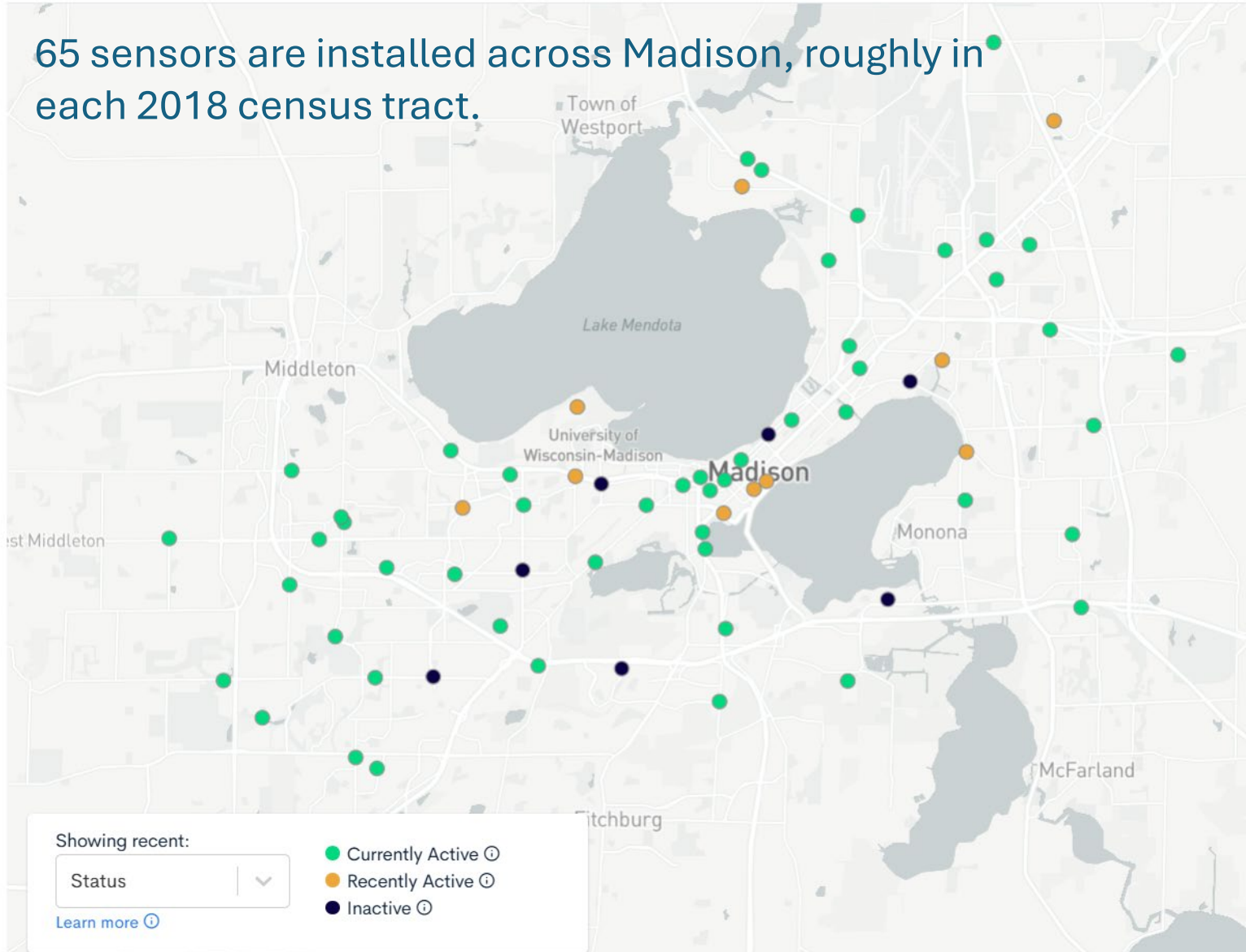
2025

- 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.

Programs include:

- 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 will be the second year of phasing in the program.

Supported by grant funding from DOE (\$270k)

Partners:

- OPEN Technologies
- Building Inspection
- Assessor's Office
- IT

2025

- Launch year 2 of benchmarking, adding ~350 buildings to the program
- Launch year 1 of 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 Community Change Grant (\$20M) and DOE Energy Future Grant (\$500k)
- Education and outreach events
- Upgrade ~280 units of affordable housing
- Support workforce training

Partners: Sustain Dane, Elevate, Project Home, Operation Fresh Start, Urban Triage, Community Development Division & more

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.

Bloomberg City Hall Fellow is working with the team for 2 years to accelerate these efforts.

Partners include:

- Assessor's Office
- Engineering, Fleet, & Streets divisions so far
- US Department of Energy

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

3. Renewable Energy

Working to implement 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. Climate Resilience

Providing data, community education, and resources to help improve resilience to extreme heat, storms, poor air quality events, and other climate impacts.

Partners:

- Public Health Madison and Dane County
- Fire Department
- Air Quality Team

2025

- Community education and resources to increase resilience to extreme heat events, including online map
- Collaborate to deliver comprehensive resilience outreach
- Support Fire Department's work to grow Resilience Hubs through a FEMA grant



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



7. 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.

Partners:

- Finance
- Fleet
- Engineering
- Parks
- And more

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.





Recent News

- [City of Madison Receives \\$20 million to Improve Housing Affordability Through Energy Upgrades](#)
- [City of Madison Adopts Sustainability Plan](#)
- [Madison Celebrates Installation of First Air Quality Monitor](#)
- [Efficiency Navigator Celebrates Latest Building Upgrades](#)
- [Mayor Rhodes-Conway Joins Bloomberg Philanthropies' Youth Action Fund to Activate Young People in Driving Climate Solutions](#)

[Visit the Sustainability and Resilience website](#) for up-to-date info on all our programs and the most recent news.



Thank you!

Jessica Price, PhD
Sustainability and Resilience Manager
City of Madison | Office of the Mayor

jprice2@cityofmadison.com
608-267-1992