



SUSTAINABILITY ACROSS THE UNIVERSITIES

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COLLABORATIVE NETWORK

- **Staff:** All 13 UW System universities have sustainability coordinator or designated staff person + **2 new UW System Sustainability Coordinators**
- **Connection:** Website, monthly call, listserv, working groups
- **Annual Meeting:** UW-La Crosse in October 2023; UW-Stout in October 2024
- **Purpose:** Enrich teaching, research, and campus life while pursuing innovative sustainability solutions



System Coordination
& Annual Meeting

Climate, Energy, and
Resiliency



Procurement

Transportation



Academics and
Curriculum

STARS
(Sustainability
Tracking)



New Building Design
& Construction



SUSTAINABILITY IN STRATEGIC PLAN

Foster Civic Engagement and Service the Public Good

Strategy S5

We will ensure our universities are financially and **environmentally sustainable** so that they are positioned to fulfill their strategic missions.

UWSA Role 5.10

Apply principles of **environmental sustainability** with respect to the **built environment**.

Success Measure

Ensure that all **capital projects** incorporate **sustainability and resiliency measures**.



SUSTAINABLE BUILDING STANDARDS

- RPD 19-15 Sustainable design principles updated in June
- Sustainable Building Standards & Performance Goals
 - Specific actions & targets to achieve sustainability goals
 - Will apply to all Universities of Wisconsin major capital projects
 - After DFD comments, will be sent to universities for review



Recent Solar Energy Projects



UW-Platteville	2.4 MW	2022
UW-Stout	.4 MW	2023
UW-Stevens Point	165 kW	2023
UW-Parkside	2.08 MW	2024
UW-Superior	440kW	2024
UW-Madison	2.25 MW	2024
UW-Eau Claire	2.8 MW	2025

Include ground-mounted solar arrays, rooftop solar, utility-owned solar on leased UW land, utility purchases, and projects combining renewable energy and energy efficiency retrofits.



ENERGY AND EMISSION DATA COLLECTION

Emissions:

Scope 1



- Heating Plant + other oil/gas



- Fleet transportation (tanks, fuel cards)



- Refrigerants

- Fertilizers



- Animals

Scope 2



- Purchased Electricity

Scope 3



- Commuting



- Travel: Business, athletic, study abroad



- Waste



- Wastewater



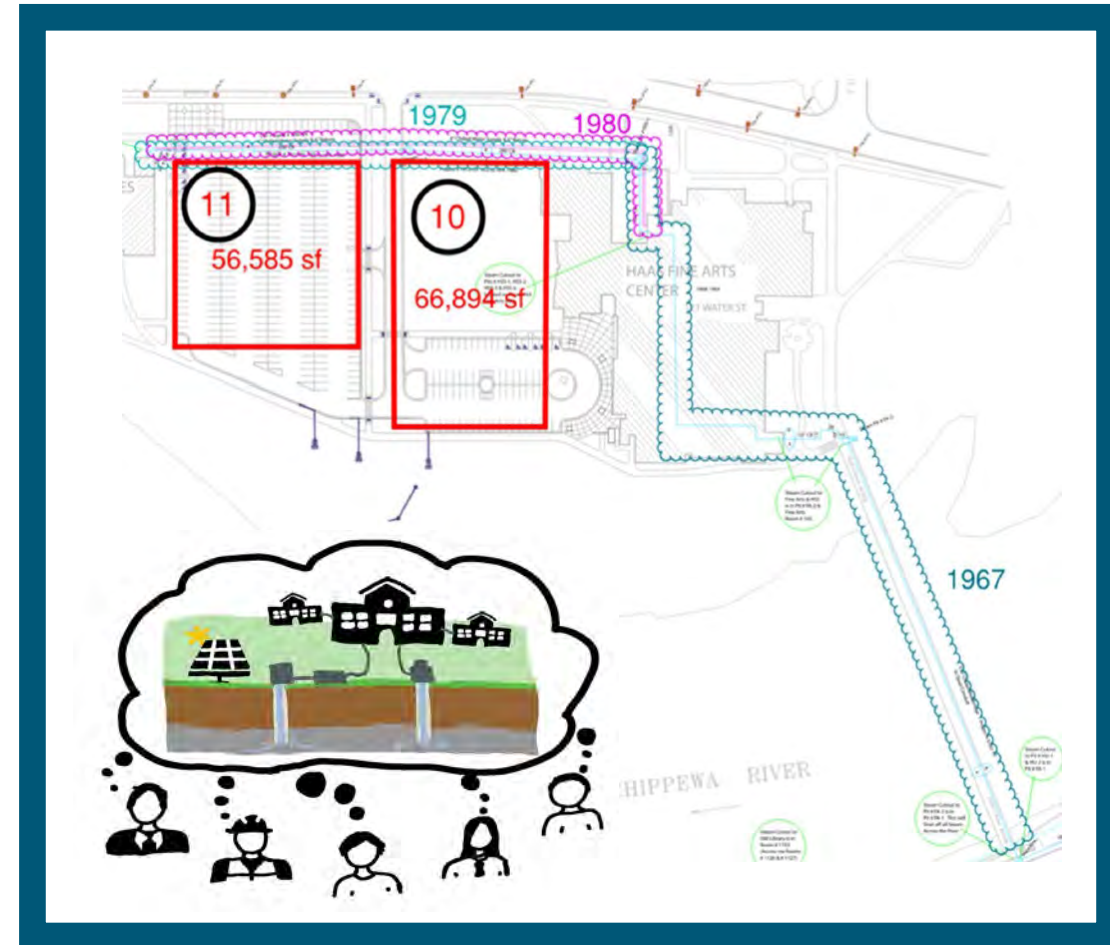
- Purchased goods and services



LONG-TERM ENERGY PLANNING

2023 UW-Eau Claire study

- Considered alternatives to existing thermal systems
- Considered life cycle costs and carbon impacts





ENERGY VISION

Manage consumption

- Energy-efficient new buildings
- Data analysis
- Support efficient operation
- Enable efficiency upgrades
- Energy conservation education & outreach

Manage Cost

- On-campus renewables provide energy at fixed cost
- Renewable energy purchases hedge against rising prices
 - Virtual Power Purchase Agreement (VPPA)
 - Renewable Energy Riders with Utility
- Avoiding costs of carbon



U.S. DEPARTMENT OF EDUCATION GREEN RIBBON SCHOOLS AWARD

Universities that reduce environmental impacts, improve health and wellness, & provide environmental & sustainability education that includes civic learning, green careers and STEM connections



- 2016 – UW-Milwaukee
- 2017 – UW-Stevens Point
- 2020 – UW-Whitewater
- 2021 – UW-Madison
- 2022 – UW Oshkosh
- 2023 – UW-Platteville

UW-Green Bay:
First-year students pilot composting collection



UW-River Falls
Sustainability Faculty
Fellows Workshop

UW-Madison:
Sustainability
Symposium
Poster
Session



UW-
Whitewater:
Environmental
Sociology class
harvests seeds
of prairie
plants