

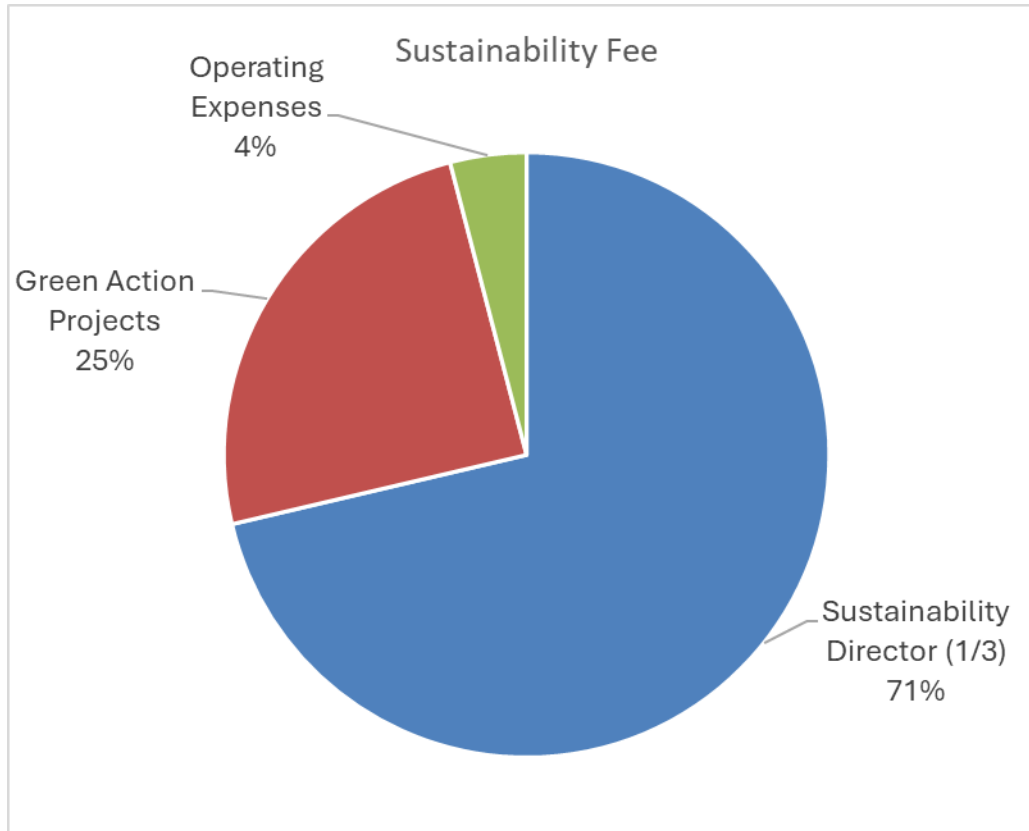


# **Sustainability Fee Presentation**

**17 February 2025**

A community of learners improving our world

# Sustainability Fee



Proposed increase of 0%

\$0.42/credit

\$5.04/semester

\$10.08/year

# Background

## **Board Policy 5.11. Part 5. Subpart B. Discretionary Fees**

Authorizes campuses to collect a Sustainability Fee

## **Board Procedure 5.11.1. Part 4. Subpart J. Sustainability fee**

1. Colleges and universities, by affirmative vote of the campus student association, may establish a policy to charge a sustainability fee.
2. The sustainability fee will be used in support of progress toward the system's commitment to environmental sustainability as outlined in Board Policy 5.17 and System Procedure 5.17.1, excluding capital projects.
3. The budgeting process used for the allocation of these funds shall be similar to the processes used for student life activities.

**Maximum Amount is \$20 per term.**

# Background

## System Procedure 5.17.1 Environmental Sustainability Practices

Each college and university president shall appoint a representative for all energy-and sustainability-related issues and **shall maintain records regarding carbon emissions, energy and water conservation and efficiency, and waste. The representative shall also monitor and communicate programs, initiatives, and curriculum addressing sustainability, including (but not limited to) sustainable food policies, conservation and protection of the natural environment, and pollution prevention efforts.** The targets for each carbon, energy, water, and waste closely follow the Minnesota Department of Administration's Cabinet Level Agency goals.

# Sustainability Goals

## Minnesota State Sustainability Goals

- **reduce carbon dioxide emissions** to a level at least 30 percent below 2009 levels by 2025, and to a level at least 80 percent below 2009 levels by 2050.
- **reduce energy consumption** per square foot by 30 percent below 2017 consumption by 2027
- **reduce water consumption** per square foot by 15 percent below 2017 consumption by 2025.
- achieve a 75 percent **solid waste diversion** rate through both recycling and composting of solid waste by 2030.

# Sustainability Goals

## Minnesota State Sustainability Goals (cont'd)

- Implement programs and initiatives that **promote lower carbon-intensive transportation options** such as carpooling, biking, walking, and use of public transportation systems both for regular commuting as well as for campus-related activities
- implement programs, initiatives and/or curriculum **addressing sustainable food offerings and other food service-based initiatives** such as tray-less dining and compostable or reusable serveware and containers; local and regenerative food production; and food recovery efforts.
- Implement programs, education, staff training and **initiatives addressing green infrastructure**, such as Low Impact Development for stormwater management, Smart Salting ice and snow removal strategies, and design and manage landscapes to protect pollinators using native trees and plants.

# WSU Sustainability Metrics

<https://minnstate.b3benchmarking.com/>

## Carbon Target



**30% savings by 2025**

Using a 2009 baseline

2009 Baseline

**22,658** MTCO<sub>2</sub>e

2023 Actual

**11,979** MTCO<sub>2</sub>e

2025 Target

**15,860** MTCO<sub>2</sub>e

↓ -47.13%

## Water Target



**15% savings by 2025**

Using a 2017 baseline

2017 Baseline

**50,316** kGal

2023 Actual

**39,892** kGal

2025 Target

**42,769** kGal

↓ -20.72%

## Energy Target



**30% savings by 2027**

Using a 2017 baseline

2017 Baseline

**94.57** kBtu/SF

2023 Actual

**82.87** kBtu/SF

2027 Target

**66.2** kBtu/SF

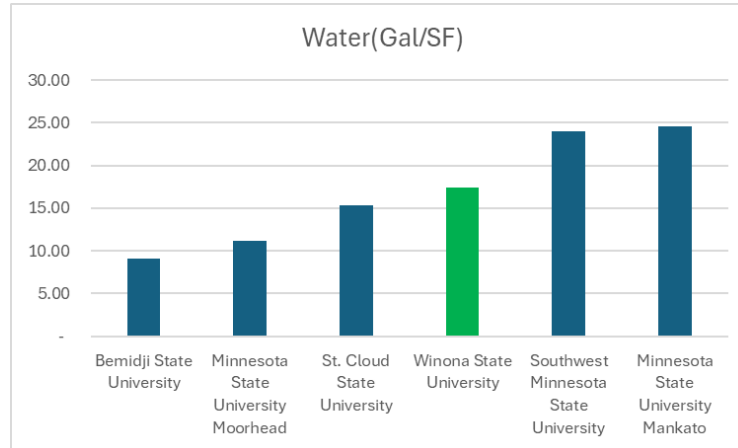
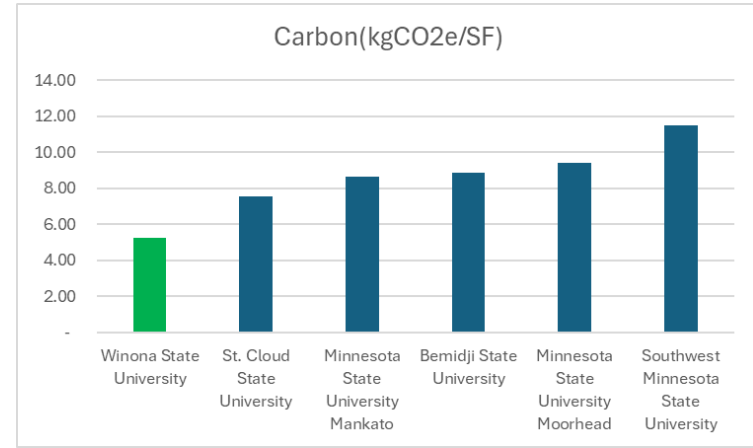
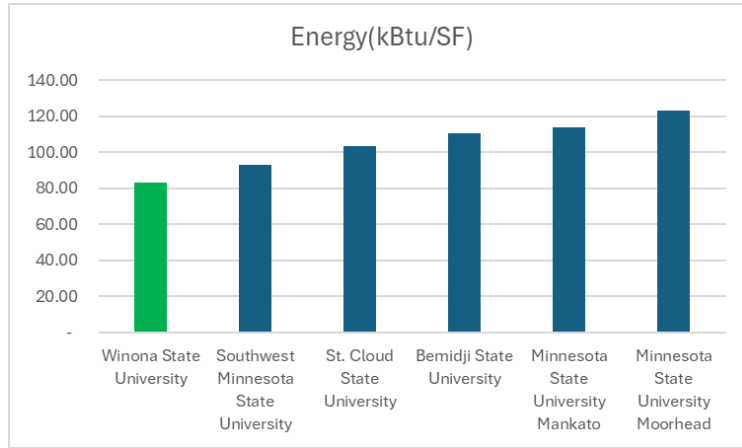
↓ -12.38%

## Solid Waste Target

75% diversion by 2030

35% actual in 2023

# WSU Sustainability Metrics



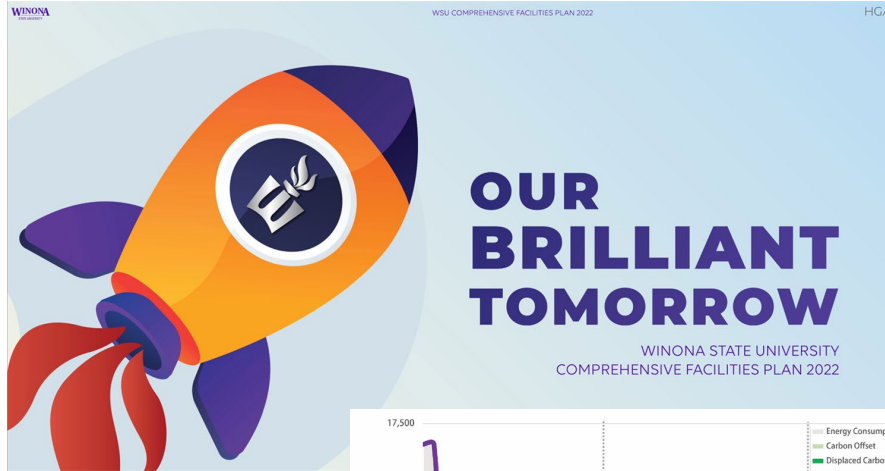


# Green Action Projects

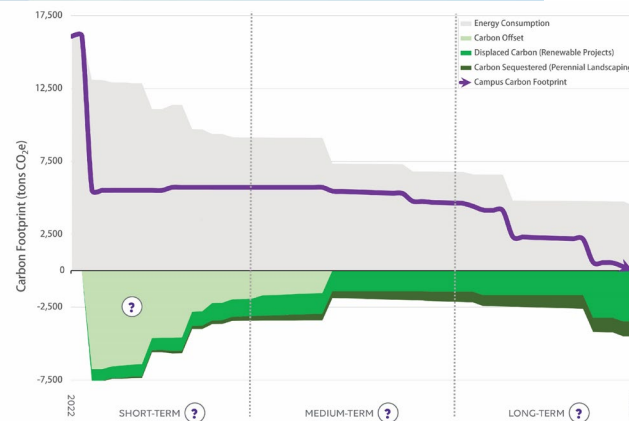
WSU S.E.E.D. (Sustainable, Edible, Education, Discovery) Garden



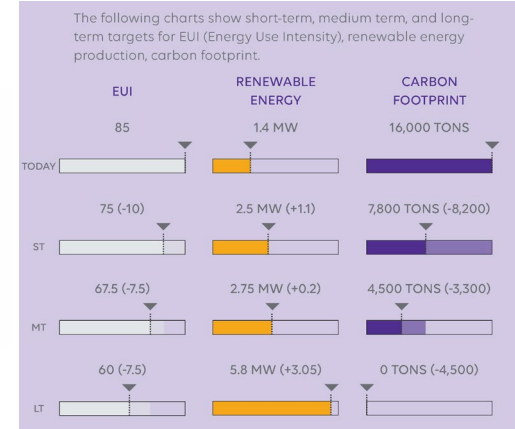
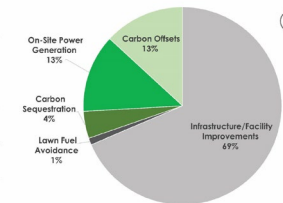
# Sustainability Highlights



## Path to carbon neutral



### CARBON REDUCTION FOCUS AND PRIORITIES





# Sustainability Highlights



Leading  
Energy Savings  
& Sustainability

## Project Impact

- **24%** Utility Cost Savings
- **25%** Carbon Emissions Reduction
- **16%** Water Savings
- **\$26 million** over 25-yrs





# Sustainability Highlights

## ROOFTOP PV ARRAY

Designed to provide 105% of building's energy needs

## SOLAR SHADING

Reduces energy costs and solar glare and provides semi-covered outdoor space for seasonal use

## EQUITABLE SPACES

Each classroom and office for department staff and faculty is designed to ensure access to daylight, views, and fresh air

## THE 1ST LIVING BUILDING FOR THE MINNESOTA STATE UNIVERSITY NETWORK!

The design, construction, and operation of this building is focused on occupant health and well-being as well as responsibly operating the building long term. This is accomplished by following the high-performance goals guided by the Living Building Challenge. This will set a new benchmark for the State of Minnesota, Winona, and Winona State University for decades to come and hopefully inspire a new generation of beautiful, super-efficient, healthy, and place-based buildings!

## LOW-CARBON MASS TIMBER STRUCTURE

Timber is celebrated and expressed on the interior and exterior to showcase lightweight, low-carbon design and technology

## ROOFTOP EVENT SPACES

Bonus multi-use space is provided on the rooftop with panoramic views of Winona State University campus and the surrounding landscape

## PROMOTES HEALTH & WELLNESS

Celebrating the stair activates the corner and encourages physical activity and movement throughout the building

## LOCAL MATERIALS

Regionally sourced stone is used on exteriors and establishes the building as something rooted in the region and inspired by the bluffs surrounding Winona

## REGIONAL BIODIVERSE LANDSCAPE

Planters around the building are abundantly filled with regional, pollinator friendly, biodiverse plants and shrubs

## 100% CORNER

Ground level activated by social common spaces

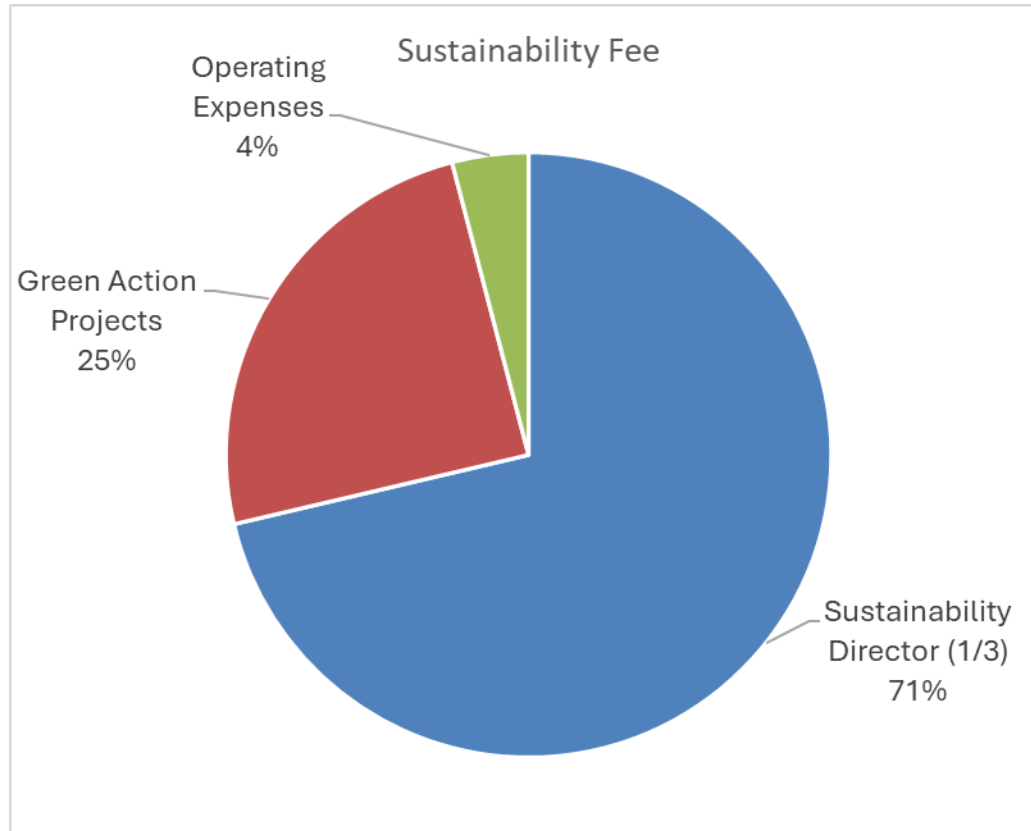
## SOUTH FACING COVERED PORCH

The new building overlooks the main campus quad and becomes a new space for campus gatherings and an upgraded central heart of campus

OUTDOOR SOCIAL SPACE



# Sustainability Fee



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