

# St. Cloud State University



Community gardens at St. Cloud State University.

## 1. BUILDINGS

Under the Buildings category, St. Cloud State University has achieved the following:

Indoor Air Quality

- makes an effort to improve indoor air quality and monitors indoor air quality

Buildings Operation + Maintenance

- has an active preventative maintenance plan.

Building Materials

- purchases green or environmentally preferable materials.

- recycles construction material.

Building Assessment Systems

- has multiple building which have received/ or are in the process of obtaining LEED or other green building rating systems such as B3 certification.

- all of major remodels/new construction projects meet B3.

Evening Classes

- makes an effort to schedule classes, including evening classes, efficiently to maximize utilization and/or minimize energy use.

Other initiatives developed on campus related to buildings are:

- has unbalanced weekday schedules to maximize utilization. Evening & week-end programs.

- engaged in Annex 49 project with Xcel Energy.

- launched Hillyard CCAP program.

## 2. CAMPUS ENERGY

Under the Campus Energy category, St. Cloud State University has achieved the following:

Conservation Plan

- has an energy conservation plan.

- has saved a total of 54,728 MBtus last year.

Energy Management

- uses the energy management system to control the HVAC running time according to class schedules or events.

Lighting Sensors

- uses motion, infrared, and/or light sensors to reduce energy use for lighting in buildings.

Lighting Controls

- uses EMS to control interior and exterior lighting

Timers for Temperature Control

- uses energy management systems to regulate temperatures based on occupancy hours in buildings.

Tracking

- uses a centralized energy management system that allows it to track energy consumption and performance in multiple buildings from a central location.

Recommissioning

- is going through a recommissioning process to evaluate and correct the energy performance of campus buildings.

Energy Savings Contracts

- PBEEEP (Public Building Enhanced Energy Efficiency Program) is being implemented.

Renewable Energy Sources

- wind energy is used via purchasing Block of Wind credit.

- other renewable energy sources are used.

Other initiatives developed or in development on campus are:

- uses biofuel; E-85 and re-used grease.

## 3. WATER

Under the Water category, St. Cloud State University has achieved the following:

Water Consumption

- has taken measures to reduce water consumption.

- uses water reducing faucets.

- uses water reducing shower heads.

Low Flow Urinals/Toilets

- uses ultra low flow toilets.

Stormwater Management

- has implemented policies and programs to reduce stormwater runoff and resultant water pollution.

- uses rain gardens for stormwater retention and cleaning.

- uses bio-swales for stormwater retention and cleaning.

- has a SWPPP (Stormwater Pollution Prevention Plan).

Building Water Metering

- has building-level water consumption meters.

Xeriscaping

- uses native plant material on campus.

Weather-Informed Irrigation

- uses weather data or weather sensors to automatically adjust irrigation practices.

Other initiatives developed on campus related to water are:

- has used underground storm water storage tanks to reduce storm sewer loading.

## 4. FOOD

Under the Food category, St. Cloud State University has achieved the following:  
Sustainability Issues

- has a sustainable food policy.
- purchases local foods.
- 10% of foods purchased are locally produced.
- 150 miles radius qualifies as local foods for the campus.
- requires third-party certifications like USDA Certified Organic, Marine Stewardship Council Blue Ecolabel, Food Alliance, Fair Trade.

Dining Room Waste

- has a food waste reduction program.
- uses non-disposable dishes in dining facilities.

Trayless Dining

- employs trayless dining.

Vegetarian and Vegan Dining

- offers diverse, complete-protein vegan and vegetarian dining options during every meal.

Trans-Fats

- uses frying oil that does not include trans-fats.
- seeks to avoid food that includes trans-fats in dining operations.

Food Donation

- donates leftover or surplus food.

Recycled Content Napkins

- uses recycled content napkins in its dining service operations.

Other initiatives that developed on campus related to food are:

Packaging is recycled. Cooking oil is used as fuel in transit buses. Pre & post consumer food waste is sold to local farmer for swine production.

## 5. WASTE

Under the Waste category, St. Cloud State University has achieved the following:

Waste Reduction

- has a waste reduction policy.

Waste Diversion

- has a reuse policy.
- has a recycling policy.

Waste Disposal

- knows where waste is disposed.

Construction and Demolition Waste Diversion

- has diverted construction and demolition wastes.

Electronic Waste Recycling Program

- has an e-waste recycling and/or reuse program.
- insures e-waste is being properly disposed.

Hazardous Waste Management

- seeks to minimize and safely dispose of all hazardous, universal, and non-regulated chemical waste.

Materials Exchange

- has a surplus department or formal office supplies exchange program that facilitates reuse of materials.

Limiting Printing

- limits free printing for students in all computer labs and libraries.

Materials Online

- has a policy for students to obtain course catalogues or schedules online before receiving a printed copy.

Move-In Waste Reduction

- has a program to reduce residence hall move-in waste.

Move-Out Waste Reduction

- has a program to reduce residence hall move-out waste.
- has a residence hall room furniture exchange or reuse program.

Other initiatives developed or in development on campus related to waste are:

- recycle used oil, paint, styrofoam, cardboard, fluorescent lamps, car batteries and antifreeze.
- has a written policy on hazardous waste material disposal.

## 6. TRANSPORTATION

Under the Transportation category, St. Cloud State University has achieved the following:

Student Commute

- students use alternative (other than automobile) modes of transportation to travel to and from the campus.

Employee Commute

- campus staff and faculty use alternative (other than automobile) modes of transportation to travel to and from the campus.

Ride Share Program

- has a ride share program.

Public Transportation

- has a campus bus service.
- is on a public transit route.
- provides subsidized bus passes.

Special Parking

- has special parking places for car pooling.

Bicycle Sharing

- has a bicycle-sharing program or participates in a local bicycle sharing program.

Condensed Work Week

- offers a condensed work week option for employees.

Telecommuting

- offers a telecommuter program for employees.

Campus Fleet

- uses cleaner fuels and fuel efficient vehicles.
- has 1 vehicle fueled with B20 or higher biofuel for more than 6 months of the year.
- has 14 vehicles fueled with E85 or higher biofuel for more than 6 months of the year.
- measures taken to reduce air miles.

## 7. LANDSCAPING

Under the Landscaping category, St. Cloud State University has achieved the following:

Native Plants

- prioritizes use of native plant species in landscaping

Wildlife Habitat

- has programs in place to protect and/or create wildlife habitat on campus-owned land.

Snow and Ice Removal

- has implemented technologies or strategies to reduce the environmental impacts of snow and ice removal.

Compost

- composts or mulches waste from grounds keeping, including grass trimmings.

Integrated Pest Management

- works to improve the sustainability of campus grounds through Integrated Pest management (reduction of chemical use).
- use a live catch program.

## 8. CULTURE AND PROCESS

Under the Culture and Process category, St. Cloud State University has achieved the following:

President's Climate Commitment

- has signed the Presidents' Climate Commitment.

Sustainability Committees

- has 2 sustainability committees on campus
- is involved with the surrounding community in regards to sustainability.
- has a campus-wide Sustainability Committee comprised of staff, faculty and students that report through the administrative structure such as the president or CFO.

## Student Organizations

- has 5 student organizations focused on campus sustainability.

## Policies

- there are campus policies related to sustainability.

## 9. PURCHASING

Under the Purchasing category, St. Cloud State University has achieved the following:

### Computer Purchasing

- has a campus-wide stated preference to purchase environmentally preferable products. This can take the form of purchasing policies, guidelines, or directives.

### Cleaning Product Purchasing

- purchases Green Seal green cleaning products.

### Office Paper Purchasing

- purchases recycled content office paper.

Other initiatives that you have developed on campus related to purchasing are:

- purchase Energy Star equipment  
- office paper, paper towels, and toilet paper have post consumer recycled content.

## 10. CARBON EMISSIONS

Under the Carbon Emissions category, St. Cloud State University has achieved the following:

### Greenhouse Gas Emissions

- has completed a greenhouse gas emissions inventory and the total greenhouse gas emissions are 4.17 tons/sq ft.

### Transportation Carbon

- measures are being taken to reduce carbon emissions related to transportation.

### Landscape Sequestering

- There are landscape areas which are/could be used to sequester carbon (such as forest areas and large areas of prairie/grasslands).

Other initiatives related to carbon emissions are:

100% bio-fuel used for campus bus.

## 11. OTHER

Under the Other category, St. Cloud State University has achieved the following:

### Sustainability Course Identification

- developed ways to identify sustainability courses for interested students.

### Sustainability Courses by Department

- there are sustainability courses offered in each department.

### Undergraduate program in Sustainability

- offers a degree program in sustainability or related field.

### Sustainability Research Identification

- has identified sustainable research opportunities which can benefit the campus.

### Faculty involved in Sustainability Research

- faculty are involved in sustainability research.



Recyclable material.



St. Cloud State University has students participating in a transit program. In addition, the campus has a bio-diesel bus that runs on vegetable oil grease that was used in the cafeteria.

# St. Cloud Technical & Community College



A Prius is part of the campus fleet.

## 1. BUILDINGS

Under the Buildings category, St. Cloud Technical & Community College has achieved the following:

### Indoor Air Quality

- makes an effort to improve indoor air quality and monitors indoor air quality.

### Buildings Operation + Maintenance

- has an active preventative maintenance plan.

### Building Materials

- purchases green or environmentally preferable materials.
- recycles construction material.

### Evening Classes

- makes an effort to schedule classes, including evening classes, efficiently to maximize utilization and/or minimize energy use.

Other Initiatives related to buildings:

St. Cloud Technical & Community College continues to encourage faculty to look for innovative times to offer classes including evenings and weekends. One of the A & P Biology instructors recently offered a "Class Before Breakfast" starting at 6:30 a.m. for those students that cannot come in during traditional hours. The class was extremely successful and was featured in the St. Cloud Times. The story was picked up by MPR and ultimately by NPR.

## 2. CAMPUS ENERGY

Under the Campus Energy category, St. Cloud Technical & Community College has achieved the following:

### Conservation Plan

- has an energy conservation plan.
- uses CO sensors.
- has a building energy management plan to insure that the least amount of energy is used in every building.
- meters energy use in individual/connected buildings.

### Energy Management

- uses the energy management system to control the HVAC running time according to class schedules or events.

### Lighting Sensors

- uses motion, infrared, and/or light sensors to reduce energy use for lighting in buildings.

### Lighting Controls

- uses a computer light control system on the exterior of the buildings.
- has a set time for exterior building lights to turn on and off.

### Timers for Temperature Control

- uses energy management systems to regulate temperatures based on occupancy hours in buildings.

### Tracking

- uses a centralized energy management system that allows it to track energy consumption and performance in multiple buildings from a central location.

### Recommissioning

- has gone through a recommissioning process to evaluate and correct the energy performance of campus buildings.

Other initiatives developed or in development on campus are: St. Cloud Technical & Community College participated in a recommissioning process similar to PBEEEP where Ed Cook & Associates was hired as a consultant to evaluate and make recommendations regarding energy performance on campus. The college implemented most of the recommendations presented in the final report. In addition, the college worked with Xcel Energy while implementing these recommendations to leverage funding and expedite the ROI through energy rebates.

## 3. WATER

Under the Water category, St. Cloud Technical & Community College has achieved the following:

### Stormwater Management

- has implemented policies and programs to reduce stormwater runoff and resultant water pollution.
- has a SWPPP (Stormwater Pollution Prevention Plan).

### Building Water Metering

- has building-level water consumption meters for buildings.

### Weather-Informed Irrigation

- uses weather data or weather sensors to automatically adjust irrigation practices.

Other initiatives developed on campus related to water are: St. Cloud Technical & Community College has limited "green" space and landscaping, however, with the construction of the new addition, there was landscaping incorporated that included some heartier plantings that are drought resistant.

## 4. FOOD

Under the Food category, St. Cloud Technical & Community College has achieved the following:

### Sustainability Issues

- purchases local foods.
- 80% of foods purchased are produced locally.
- 60 miles radius qualifies as local foods for the campus.

### Dining Room Waste

- has a food waste reduction program.
- uses non-disposable dishes in dining facilities.

### Vegetarian and Vegan Dining

- offers diverse, complete-protein vegan and vegetarian dining options during every meal.

### Trans-Fats

- uses frying oil that does not include trans-fats.
- seeks to avoid food that includes trans-fats in dining operations.

### Food Donation

- donates leftover or surplus food.

### Recycled Content Napkins

- uses recycled content napkins in its dining service operations.

Other initiatives that developed on campus related to food are:

St. Cloud Technical & Community College only purchases Gold-n-Plump and Jennie-O poultry products to support local producers. The college also purchases the majority of other food products from Apperts, a local company that also promotes local production in addition to having their own production. The campus has very little leftover or surplus food. Anything not utilized is turned into "Stearns County Hotdish" on Fridays and students, staff, and other customers can come in and fill their plates at a reduced cost. This is a very popular Friday event and people often go down on Fridays to find out what "Stearns County Hotdishes" are going to be offered for that particular day. Any leftovers not utilized in this manner are used in the "All School Buffet" that is put on by the Culinary Arts students. All surplus food products are prepared and sold through a buffet by the students in Culinary Arts. The only time there are remaining food products that cannot be utilized are at the winter break and, while limited, these items have been donated to the Salvation Army for the holidays.

## 5. WASTE

Under the Waste category, St. Cloud Technical & Community College has achieved the following:

### Waste Diversion

- has a recycling policy.

### Waste Disposal

- knows where waste is disposed.

### Construction and Demolition Waste Diversion

- has diverted construction and demolition wastes.

### Electronic Waste Recycling Program

- has an e-waste recycling and/or reuse program.
- insures e-waste is being properly disposed.

### Hazardous Waste Management

- seeks to minimize and safely dispose of all hazardous, universal, and non-regulated chemical waste.

### Materials Exchange

- has a surplus department or formal office supplies exchange program that facilitates reuse of materials.

- uses any on-line material reuse company.
- uses reused materials from the Green Institute.

### Limiting Printing

- limits free printing for students in all computer labs and libraries.

Other initiatives developed or in development on campus related to waste are:

- The college recently discontinued the Printing program and had a large inventory of paper, poster board, and other paper products that had been donated or purchased throughout the year. Rather than throw these materials away, the Reprographics department is cutting these materials to a usable size for department use and the materials are being used for copying, class projects, and other college uses. Other types of products such as file folders, paper, etc. are also shared between departments.

## 6. TRANSPORTATION

Under the Transportation category, St. Cloud Technical & Community College has achieved the following:

### Student Commute

- students use alternative (other than automobile) modes of transportation to travel to and from the campus.

### Employee Commute

- campus staff and faculty use alternative (other than automobile) modes of transportation to travel to and from the campus.

### Public Transportation

- has a campus bus service.
- is on a public transit route.
- provides subsidized bus passes. (drive to work).

### Air Miles

- measures are being taken to reduce air travel miles.

### Campus Fleet

- uses cleaner fuels and fuel efficient vehicles.
- has 1 Gasoline-electric hybrid.
- has 6 vehicles fueled with E85 or higher biofuel for more than 6 months of the year.

## 7. LANDSCAPING

Under the Landscaping category, St. Cloud Technical & Community College has achieved the following:

### Integrated Pest Management

- works to improve the sustainability of campus grounds through Integrated Pest management (reduction of chemical use).

Other initiatives related to landscape are:

St. Cloud Technical & Community College has very limited green space and many of the landscape initiatives do not apply to the college.

## 8. CULTURE AND PROCESS

Under the Culture and Process category, St. Cloud Technical & Community College has achieved the following:

### Impacts on Surrounding Site

- has meetings with surrounding neighborhoods explaining campus projects.

Other initiatives that you have developed on campus related to campus culture & process are: While St. Cloud Technical & Community College has not yet put sustainable committees into place on campus, many of the programs are working on developing and implementing sustainability into their curriculum.

## 9. PURCHASING

Under the Purchasing category, St. Cloud Technical & Community College has achieved the following:

### Computer Purchasing

- has a campus-wide stated preference to purchase environmentally preferable products. This can take the form of purchasing policies, guidelines, or directives.

### Cleaning Product Purchasing

- purchases Hilyard green cleaning products.

### Office Paper Purchasing

- purchases recycled content office paper.

## 10. CARBON EMISSIONS

Under the Carbon Emissions category, St. Cloud Technical & Community College has achieved the following:

### Transportation Carbon

- measures are being taken to reduce carbon emissions related to transportation.

Other initiatives related to carbon emissions are:

-The college utilizes a driving simulator for the Truck Driving and Fire Fighting programs to limit actual driving time, the use of natural resources, and GHG emissions.

## 11. OTHER

Under the Other category, St. Cloud Technical & Community College has achieved the following:

**Sustainability Course Identification**  
- developed ways to identify sustainability courses for interested students.

**Sustainability Courses by Department**

- there are sustainability courses offered in each department.

**Undergraduate program in Sustainability**

- offers a degree program in sustainability or related field.

## Faculty involved in Sustainability Research

- faculty are involved in sustainability research.

Other initiatives are:

There are several program areas where faculty are implementing sustainability into their programs and courses. The following are some examples: The carpentry house project is being built in partnership with HRA and is designed and being constructed to maximize energy efficiency. An architectural program faculty member did a green study during his sabbatical and incorporated what he learned into his curriculum for students in the architectural program. Many of the programs have curriculum incorporated into courses that focus on the use of green and sustainable materials. The Water and Environmental Treatment and Technology program has focused curriculum around water conservation and treatment for reuse.



New heat controls to monitor and improve energy efficiency.



South elevation of building to be renovated for Allied Health.

# Winona State University



Bus/bike week is promoted at Winona State University.



LEED certification is being pursued at Wellness Center.

## 1. BUILDINGS

Under the Buildings category, Winona State University has achieved the following:

Indoor Air Quality

- makes an effort to improve indoor air quality and monitors indoor air quality.

Buildings Operation + Maintenance

- has an active preventative maintenance plan.

Building Materials

- purchases green or environmentally preferable materials.
- recycles construction material.

Building Assessment Systems

- has 1 building which have received/or are in the process of obtaining LEED or other green building rating systems such as B3 certification.

B3 Assessment System

- updates the B3 system.

Other initiatives developed or in development on campus are:

- Student groups are spreading awareness through their activities.
- LEED designed/reginstration pending on Wellness Center.

## 2. CAMPUS ENERGY

Under the Campus Energy category, Winona State University has achieved the following:

Conservation Plan

- has an energy conservation plan.
- uses CO sensors.

- has a building energy management plan to insure that the least amount of energy is used in every building.

Energy Management

- uses the energy management system to control the HVAC running time according to class schedules or events.

Lighting Sensors

- uses motion, infrared, and/or light sensors to reduce energy use for lighting in buildings.

Lighting Controls

- uses a computer light control system on the interior of the buildings.

- uses a computer light control system on the exterior of the buildings.

- has a set time for interior building lights to turn on and off.

Timers for Temperature Control

- uses energy management systems to regulate temperatures based on occupancy hours in buildings.

LED Lighting

- uses Light Emitting Diode (LED) technology in lighting application.

Vending Machine Sensors

- has installed motion sensors for vending machines.

Tracking

- uses a centralized energy management system that allows it to track energy consumption and performance in multiple buildings from a central location.

Recommissioning

- has gone through a recommissioning process to evaluate and correct the energy performance of campus buildings.

Energy Savings Contracts

- has Guaranteed Energy Savings (GES) contract.

Renewable Energy Sources

- other renewable energy sources are used: Heat recovery systems in building HVAC.

## 3. WATER

Under the Water category, Winona State University has achieved the following:

Water Consumption

- has taken measures to reduce water consumption.

- uses water reducing faucets.

- uses water reducing shower heads.

Low Flow Urinals/Toilets

- uses ultra low flow toilets.

Stormwater Management

- uses rain gardens for stormwater retention and cleaning.

Building Water Metering

- has building-level water consumption meters for buildings.

Non-Potable Water Usage

- use non-potable water (e.g. harvested rainwater or graywater) for irrigation and/or other applications.

Xeriscaping

- uses native plant material on campus.

Other initiatives developed on campus related to water are:

- Student groups spreading awareness through their activities.

## 4. FOOD

Under the Food category, Winona State University has achieved the following:

Sustainability Issues

- purchases local foods.

- 18% of foods purchased are produced locally.
- 150 miles radius qualifies as local foods for the campus.

#### Dining Room Waste

- has a food waste reduction program.
- uses non-disposable dishes in dining facilities.

#### Trayless Dining

- employs trayless dining.

#### Vegetarian and Vegan Dining

- offers diverse, complete-protein vegan and vegetarian dining options during every meal.

#### Trans-Fats

- uses frying oil that does not include trans-fats.
- seeks to avoid food that includes trans-fats in dining operations.

#### Pre-Consumer Food Waste

##### Composting

- has a pre-consumer waste composting program.

##### Post-Consumer Food Waste

##### Composting

- has a post-consumer waste composting program.

#### Food Donation

- donates leftover or surplus food.

#### Recycled Content Napkins

- uses recycled content napkins in its dining service operations.

Other initiatives that developed on campus related to food are:

- 18% of produce purchases and 91% of all dairy is local.
- waste food is sent to pig farm. Waste hand paper towels sent to pig farm as bedding. Pigs sent to local processor. Pigs purchased from local processor for use in dining program. Full cycle of this activity is 18 miles.
- has been trying to purchase as much local area product as possible in the past year. It can be difficult because the growing season here is most active when class is not in session.
- gets a list each week from vendor of produce that is available through them that is produced in a hundred mile radius.
- had promotions in the past months with a grape grower from Decorah, IA, Apple farms in Minnesota and Wisconsin and the upcoming taste of SE MN with farms in the immediate area.

- has done several local grown dinners over the past year in the dining facilities featuring vegetables, free range chicken and pork products. Has also done several catering events featuring local Bison, cheeses, apples and vegetables over the past year.

- has been purchasing and serving pork products from Winona Farms in the facilities for a year.

- Eco-containers are used in all dining areas where needed for carryout. These products are from renewable resources and are compostable. Intention to work with local farms to be able to separate and compost these products sometime in the near future.

- serve only cage free eggs. Dairy is all local from Kemps which uses only local farms

## 5. WASTE

Under the Waste category, Winona State University has achieved the following:

#### Waste Diversion

- has a recycling policy.
- uses recycled paints.

#### Construction and Demolition Waste Diversion

- has diverted construction wastes.

#### Electronic Waste Recycling Program

- has an e-waste recycling and/or reuse program.
- insures e-waste is being properly disposed.

#### Hazardous Waste Management

- seeks to minimize and safely dispose of all hazardous, universal, and non-regulated chemical waste.

#### Materials Exchange

- has a surplus department or formal office supplies exchange program that facilitates reuse of materials.

#### Limiting Printing

- limits free printing for students in all computer labs and libraries.

#### Chemical Reuse Inventory

- employs green chemistry.

#### Move-In Waste Reduction

- has a program to reduce residence hall move-in waste.

#### Move-Out Waste Reduction

- has a program to reduce residence hall move-out waste.
- has a program to reduce residence hall end of term waste.
- has a residence hall room furniture exchange or reuse program.
- has explored a no-waste policy.

Other initiatives developed or in development on campus related to waste:

- has developed Winona State University RecycleMania Program, a student-run initiative; currently participating in the recycling component of the national RecycleMania competition with plans to advance to the waste minimization division.

- has developed comprehensive campus recycling system; plan to refine system and add outdoor recycling bins/stations.

- has developed waste reduction initiatives in food service including: a tray-less policy in student cafeteria, which has significantly reduced waste and water usage; collection/ use of all food waste and oil by a local farm; re-usable or compostable eatware used for dining services; emphasis on use of local foods.

- has developed a pilot project in which restroom paper towels are used as hog bedding at a local farm.

- plans to develop policies for: waste minimization; full food service composting; printing/paper usage; hazardous waste; re-use of furniture/electronics.

## 6. TRANSPORTATION

Under the Transportation category, Winona State University has achieved the following:

#### Student Commute

- students use alternative (other than automobile) modes of transportation to travel to and from the campus.

#### Employee Commute

- campus staff and faculty use alternative (other than automobile) modes of transportation to travel to and from the campus.

#### Ride Share Program

- has a ride share program.

#### Car Share Program

- uses Hourcar, ZipCar or other similar programs.

#### Public Transportation

- has a campus bus service.
- is on a public transit route.

#### Special Parking

- has special parking places for car pooling.
- has special parking places for hybrid cars.

#### Bicycle Sharing

- has a bicycle-sharing program or participates in a local bicycle sharing program.

#### Bicycle Plan

- has a developed bicycle plan and route.



### Condensed Work Week

- offers a condensed work week option for employees.

### Telecommuting

- offers a telecommuter program for employees.

### Air Miles

- measures are being taken to reduce air travel miles.

### Campus Fleet

- uses cleaner fuels and fuel efficient vehicles.  
- has 7 Gasoline-electric hybrid vehicles.

Other initiatives that you have developed on campus related to transportation are:

-has plans for special parking for hybrid cars at the new Wellness Center

- the city of Winona has bike routes and lanes that go through campus

- air miles dropped by 200 miles from 07-09.  
2007 total air miles: 2,373,706 2009 total air miles: 2,180,251

- currently more webinars are being requested by Faculty.

- has several bike-related initiatives:

WSU Bike Week (Free bike maintenance and minor repairs; themed bike rides; raffle prizes; rewards for those who bike to campus)

WSU Bike Station (Student-staffed bike station where students can put air in their tires, oil their bike chains, and have access to tools for bike maintenance and repair.)

- recipient of MN Schools Cutting Carbon grant from the MN Pollution Control Agency to staff the WSU Bike Station. Plans grow our bike rental program to include a semester-long rental option, and add a bike rack to the intercampus bus.

## 7. LANDSCAPING

Under the Landscaping category, Winona State University has achieved the following:

### Native Plants

- prioritizes use of native plant species in landscaping

### Snow and Ice Removal

- has implemented technologies or strategies to reduce the environmental impacts of snow and ice removal.

### Compost

- composts or mulches waste from grounds keeping, including grass trimmings.

## 8. CULTURE AND PROCESS

Under the Culture and Process category, Winona State University has achieved the following:

### President's Climate Commitment

- has signed the Presidents' Climate Commitment

### Sustainability Committees

- has 5 sustainability committees on campus  
- is involved with the surrounding community in regards to sustainability.

- has a campus-wide Sustainability Committee comprised of staff, faculty and students that report through the administrative structure such as the president or CFO.

### Student Organizations

- has 3 student organizations focused on campus sustainability.

### Policies

- there are campus policies related to sustainability.

### Impacts on Surrounding Site

- has meetings with surrounding neighborhoods explaining campus projects.

Other initiatives that you have developed on campus related to campus culture & process are:

- has a Campus Climate Commitment Committee and active subcommittees on Energy Conservation and Efficiency, Renewable Power, Transportation, Recycling, Education and Outreach, Purchasing

- off-campus learning Restoration efforts are led by two faculty

- has Academic Partnerships for Sustainability

- has a Sustainable Development Forum

- student sustainability clubs include:

Environmental Club, Bike Week Committee, Million Miles Per Gallon.

- the Winona State campus is in the small city of Winona, close to a number of Minnesota farms that grow food for farmer's markets and community supported agriculture. The campus is in the center of town, along the Mississippi River. The terrain is essentially flat. There are many apartments for students near the campus. Parking lots for employees and students are many but commuter parking radiates out from campus into the neighborhoods. The terrain and parking situation call for the development of a biking culture. The Purple Bike Program for bike rentals, a bike station for bike repair and continued additions of bike racks supports the growing number of bike riders on campus.

There is a well-attended event in April called Bike Week that offers bike repair and prizes. A faculty member, staff member and student team wrote and received a \$14,000 grant from the Minnesota Pollution Control Agency called One Million Miles Per Gallon. This money is dedicated to the bike program on campus.

- Zipcar has been started.

- students participated in two "all campus" themes in the last two years: Water and Food. Each theme brought speakers to campus and brought students out to farms and into the community to experience sustainability in action.

- the Food program in the student union is steadily growing toward sustainable practices. Making the program "trayless", resulted in a reduction of food waste in one year.

- a biology professor brought students to a nearby site to do invasive species work and maintenance of a local goat prairie overlooking the city. This project continues under the direction of a new professor.

Additionally just across the Mississippi, students are participating in another project with the Mississippi Valley Conservancy under the direction of a Mass Communications professor. A photo journalist professor from Mass Communications has developed a local website devoted to local news.

- currently students and professors blog on topics addressing opinions and topics on climate change and similar issues.

- a new faculty committee exploring a sustainable certificate is involved in aiding professors who would like to be more involved in adapting their curriculum to teach spectrum wide sustainability as defined by the United Nations Decade on Sustainable Education.

## 9. PURCHASING

Under the Purchasing category, Winona State University has achieved the following:

### Computer Purchasing

- has a campus-wide stated preference to purchase environmentally preferable products.

### Cleaning Product Purchasing

- purchases Green Seal green cleaning products.

### Office Paper Purchasing

- purchases recycled content office paper.

Other initiatives that you have developed on campus related to purchasing are:  
Winona State University purchases only Energy Star Appliances. It leases only copy machines that are Energy Star.

## 10. CARBON EMISSIONS

Under the Carbon Emissions category, Winona State University has achieved the following:

### Greenhouse Gas Emissions

- has completed a greenhouse gas emissions inventory and the total greenhouse gas emissions are 22,097 tons/sq ft.

### Greenhouse Gas Emissions Reduction

- has a Greenhouse Gas Reduction Plan: Direct and indirect. Direct- implement the ISO 14001 Energy Management System measures that reduce energy use on campus. These actions are the heart of the 2009 Climate Action Plan. Indirect by reducing the carbon intensity of purchased energy and providing more efficient and lower carbon options.

- has committed to the reduction of Greenhouse Gases by 2050.

### Transportation Carbon

- measures are being taken to reduce carbon emissions related to transportation.

### Landscape Sequestering

- has landscape areas which are/could be used to sequester carbon (such as forest areas and large areas of prairie/grasslands).

Other initiatives related to carbon emissions are:

- scope 1 & 2 emissions were 17,324 metric tons of CO<sub>2</sub>. Scope 3 emissions were 4,773 metric tons of CO<sub>2</sub>

- entering into an ESCO to seek additional reductions in energy consumption on campus.

## 11. OTHER

Under the Other category, Winona State University has achieved the following:

### Sustainability Course Identification

- developed ways to identify sustainability courses for interested students.

### Sustainability Research Identification

- has identified sustainable research opportunities which can benefit the campus.

### Faculty Involved in Sustainability Research

- faculty are involved in sustainability research.

Other initiatives are:

- for the last several years we have had year-long themes which have included issues around sustainability. Recent themes have included water and sustainable food. Numerous activities on campus including hosting well known outside speakers and common books have helped incorporate these themes into many students' studies.

- in May 2010 Winona State University offered a two day workshop for faculty interested in incorporating sustainability into their curriculum. The workshop is modeled after very successful similar programs at Emory University and Northern Arizona University. It will give participants practical tools for incorporating sustainability into their curriculum. Registered participants include faculty from as diverse of fields as Nursing, Philosophy, Marketing, and History. Planning is underway to begin offering formal courses of studies in Sustainability. - Winona State University is nearly ready to launch a "Creating a Sustainable Future Scholar" (CSF) program. This would involve students taking a prescribed number of classes that had sustainability as a major focus. The amount of coursework would be equivalent to a certificate program. Once this CSF scholar program is launched, a minor and eventually a major in sustainability will be developed. The office of continuing education developed a Energy Resource Advisor certificate course. This course is offered on-line with a experiential learning component.

The audience will be those who would like to be the neighborhood sustainability expert, much like a master gardener program. The pilot course of this program began in March, 2010. After the pilot, this course will be offered to other schools within Minnesota State Colleges and Universities.



Zip Car program at Winona State University.

This report was prepared by:

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