



Sustainable Development Institute

The Sustainable Development Institute (SDI) works within the College of Menominee Nation to preserve and communicate the concepts of a more than 12,000 year-old Tribal value of sustainability. This model is still used today. Pristine rivers and sustainably managed forests are a shining example of this successful model, though the principles lie much deeper in cultural history and tradition. Today, SDI works to preserve and enliven all aspects of sustainability through outreach, education, and research in many different ways.

1993

The Sustainable Development Institute (SDI) was established at CMN to encourage, promote, and build upon the Menominee approach to sustainable development.

2008

SDI completed the CMN GHG emissions inventory. Since 2008, new campus buildings have been built to energy efficient standards.

2012

The Sustainable Development Institute moved into an existing facility on CMN's South Campus.

Now

SDI continues to follow its mission to implement outreach, education, and research. SDI offers workshops, student internships, and fosters partnerships with sustainable leaders on a local, national, and global scale.

Other CMN Sustainability Impacts

• Education

At the College of Menominee Nation, "sustainability" means much more than energy conservation and recycling. In classroom studies and applied research projects, CMN helps students learn how many critical elements integrate in a sustainable world. These elements include:

- land and sovereignty issues for nations and indigenous communities,
- the natural environment as exemplified by the ecology and commerce of sustainable forestry,
- institutions of both rural and urban communities as they develop and mature,
- technology as it addresses information infrastructures and literacy, especially for underserved peoples,
- the economics of safe and reliable resources, such as food and water,
- and the social dimensions of human perception, activity and behavior as contributors to, or forces against, sustainability.

• Economic

CMN has a \$37 million economic impact on the surrounding region. About 400 Wisconsin jobs are created and supported by the College of Menominee Nation.

• Social Sustainability

CMN provides many support structures for employees and students which include: student groups, tutoring opportunities, suicide prevention programs, counseling services and more.

• RecycleMania

CMN has participated in the nationwide RecycleMania Contest since 2006 and students have successfully written grants that have helped in acquiring recycling containers for the campus.



Contact Us

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Campus Sustainability

College of Menominee Nation
Keshena Campus



COLLEGE OF MENOMINEE NATION
SUSTAINABLE
DEVELOPMENT INSTITUTE

"Moving whole heart, mind, body, soul and actions into sustainability."

S. Verna Fowler, CMN President

Sustainability on the College of Menominee Nation Keshena Campus



Transportation

CMN and Menominee Transit work together to give faculty, staff, and students free access to public transportation:

- Routes to Green Bay and Shawano
- Results in lower greenhouse gas emissions versus everyone driving

Geothermal

Geothermal wells use the constant temperature of the earth as an exchange medium. Underground pipes hold circulating fluid which absorb the earth's temperature, then an indoor compressor and heat exchanger use it to heat buildings. In the summer, the process is reversed. Field ① is used in the Library Building and field ② is used in Glen Miller Hall.

Building Design

Community Technology Center

- The CTC was constructed with local sustainable wood products and built to Green Globes certification which intends to use less energy, conserve water resources, emit fewer pollutants, and provide a healthier indoor environment for occupants.

Library Building

- The Library was built to LEED Silver shadow standards. Passive-solar lighting allows sunlight during cooler hours, but not mid-day.

Shirley Daly Hall

- Low-E glass coating reflects or absorbs IR light (heat energy). The coating and position of the window assist energy performance.

Landscape and Construction

- CMN builds to natural topography and reuses native trees, rocks, and grasses.

Permaculture

The CMN Greenhouse provides students with opportunities which range from learning experiences to food production.

- Raised garden beds and compost barrels work in conjunction with CMN permaculture efforts
- No harmful pesticides or man-made fertilizers
- Seed-saving and food sovereignty initiatives

Wind Turbine

A 2.5 Kilowatt Skystream wind turbine spins on the Keshena campus.

The turbine is wired to a bidirectional meter on the 3,600 sq. ft. Facilities Building, meaning all electricity generated by the turbine offsets a portion of this building's electricity usage.

Campus Grind

The on-campus coffee shop is a joint effort between student groups A.I.B.L.* and S.E.E.D.S.*

- All coffee sold is Fair Trade.
- Students and faculty visit Mexico to meet bean farmers.
- Campus Grind composts all used coffee grounds.
- The cafe provides student job opportunities.
- SEEDS purchased 8 energy efficient vending mizers for CMN vending machines.

*AIBL: American Indian Business Leaders
*SEEDS: Strategies for Ecology Education, Diversity and Sustainability, part of the Ecological Society of America.

Health and Wellness

- The CMN Walking Trail provides physical activity options and promotes healthy living.
- A weight room includes treadmills, weight machines, and other equipment for CMN staff and faculty.
- The CMN Volleyball court and horseshoe pits encourage outside team exercise and provide a place to relax.
- Refillable water bottle stations around campus cut down on plastic water bottles.