



Sustainability Strategic Plan

2015–2018

Executive Summary

Since 1994, McHenry County College (MCC) has been a proven leader and active partner in sustainability initiatives in the northern Illinois and Greater Chicagoland area. In 2012, MCC adopted a Sustainability Strategic Plan to move the college forward in reducing its carbon footprint and providing sustainability leadership in the local community. As MCC continues to advance its sustainability goals, it has become evident that a new plan for sustainable initiatives is needed. After months of evaluation, inquiry and research, the MCC Sustainability Committee developed this plan to guide McHenry County College's sustainable initiatives through the year 2018.

The sustainability initiatives outlined in this plan will support MCC's efforts to be a model of resource conservation and sustainability, while aligning with the College's mission and goal to focus on learning and student success. Through the implementation of strategic initiatives, MCC will continue to reduce its carbon footprint and become more environmentally sound while conserving its resources, both physical and fiscal.

With this plan, MCC dares to create a greener campus, a greener curriculum and a greener community. This will continue to propel MCC into the national spotlight as the standard for environmental excellence for educational institutions across the country.

Mission

The mission of the McHenry County College Sustainability Center is to foster a green campus, green curriculum and green community.

Vision

McHenry County College will be a premier model of sustainability and environmental stewardship.

What is Sustainability?

The General Assembly of the United Nations asked the World Commission to formulate long-term environmental strategies for achieving sustainable development. It defined sustainability as: “Meeting the needs of the present generation without compromising the ability of future generations to meet their needs.” (*Our Common Future: The World Commission on Environment and Development, England, Oxford University Press.*)

The World Commission on Environment and Development endorsed this definition. It became the generally accepted definition of sustainability, followed by leading environmentally-minded organizations and businesses, including McHenry County College.

The Association for the Advancement of Sustainability in Higher Education (AASHE), of which MCC is a member, is the leading association that provides guidance and resources for colleges on sustainability. Their vision ensures that people have an understanding of the interdependencies between environmental, social, and economic forces and the skills and abilities to meet sustainability challenges. Known as the “triple bottom line,” environmental, social and economic measures are commonly included strategies taken by businesses, non-profits and governments. This “triple bottom line” has been integrated into sustainability commitments by many Illinois community colleges including College of Lake County, Moraine Valley Community College and Heartland Community College.



Background

In the fall of 2010, MCC established an AQIP action team to address the success of sustainability initiatives at the college. Before they could assess current practices, the team gathered baseline data on MCC's current carbon footprint. Findings from the assessment tool were used as a baseline to outline the strategic plan for sustainable activities.

The MCC Sustainability Action Team sponsored several focus groups with key stakeholders in an attempt to assess audience participation and engagement. During each session, focus group participants identified priorities for MCC's sustainability efforts from their view point. All three groups agreed that energy conservation, efficient use of resources, and recycling and minimizing waste were vital priorities for the new plan. Additionally, students felt that awareness and visibility about best practices was important and community members identified developing green curricula, promoting local food production and consumption, and attending to needs of local businesses as sustainability initiative priorities.

Finally, the team identified organizations that promote best practices in the field of sustainability by acting as models and providing resources for MCC's strategic planning process. These include the Association for the Advancement of Sustainability in Higher Education (AASHE) and the Illinois Green Economy Network (IGEN) and the American Association of Community Colleges Sustainability Education and Economic Development Center (SEED). The Sustainability Action Team studied these organizations to learn more about their research and initiatives and how they could influence the strategic goals of MCC.

As a result, three interconnected areas emerged for the College to direct its efforts. These three areas represent a holistic approach to sustainability and are the foundation for the Sustainability Strategic Plan.

1. **Green Campus**—Continue to reduce energy consumption, paper waste and transportation carbon footprint on campus with new and more aggressive initiatives for physical plant and campus operation practices.
2. **Green Curriculum**—Develop new curricula for classes that support a green economy and provide training for staff and students about sustainable practices.
3. **Green Community**—Partner with local businesses and conservation organizations to share resources that promote sustainable practices and improve the quality of life in the community.



Guidance for the strategic planning process for sustainability is found in the President of MCC's published goals and objectives for FY13, FY14 and FY15. The following statement from the President's Goals and Objectives document from FY 15 closely align and support the need for a plan to enhance sustainability at MCC:

Goal One: Maintain the college's financial stability, and expand infrastructure and technology, to establish state-of-the-art learning environments that inspire postsecondary education and career development.

Objective 6: Ensure College is providing good stewardship of the environment

Strategy 1: Implement the Sustainability Strategic Plan.

Strategy 2: Decrease the College's energy usage.

Strategy 3: Develop "green" curriculum components into existing core courses that furthers the College's commitment of sustainability.

Strategy 4: Review college's strategies for decreasing our carbon footprint.

Key Participants in Sustainability at MCC and in the Community

Sustainability Center Team:

- Director of Sustainability—Provides the vision, organizational strategy, and focus for advancing operational sustainability efforts throughout the College.
- Sustainability Specialist—Assists Sustainability Director in implementation of MCC's sustainability plan.
- Student Sustainability Assistant—Provides support to Sustainability staff.

Volunteer Committees: There are three committees that offer guidance and assistance to the Sustainability Center Team in various areas. The Sustainability Center would not have met many goals to date without their valuable service. They are as follows:

MCC Sustainability Committee—guides the greening of MCC's campus by providing direction and assistance to the Sustainability Center Team. This committee is comprised of MCC Staff from a variety of departments and disciplines.

Bioneers Steering Committee—Assists with the development of the Bioneers speaker series and the Green Living Expo. These two community education programs, held in February and November respectively, provide the public with opportunities to learn from trusted voices in the conservation field. This committee is comprised of MCC staff and local environmental leaders, institutions and non-profit organizations.

Marchi Fund Advisory Committee—Guides the production and publication of the annual Green Guide each year and provides a cohesive approach to recycling in McHenry County. This committee is comprised of the recycling community represented by local government, non-profit organizations and active citizenry.

MCC Sustainability Efforts

The MCC Sustainability Center has adopted several working assumptions regarding the implementation of the 2015–2018 strategic plan:

1. MCC Sustainability efforts will continue to operate under the three principles identified in the 2012 Strategic plan: green campus, green curriculum, and green community, while adhering to the campus strategic goals related to sustainability.
2. MCC Sustainability efforts will continue to show a commitment to sustainability that continues to be embedded in everyday operations. The Sustainability Policy (adopted) and procedures (in development) are to be supported and implemented across the campus. (See Appendix A—Sustainability Policy)
3. MCC sustainability efforts will continue to be funded by grant opportunities whenever possible.
4. This plan represents a college commitment to sustainability, and therefore assumes partnerships and cooperation from many departments on campus. The following divisions and departments have had a role in the development of this plan and will continue to be a part of its implementation:
 - Workforce and Community Development
 - Horticulture Department
 - Maintenance Department
 - Facility Projects and Contract Department
 - Grounds Department
 - Institutional Research Department
 - Resource Development Department
 - Friends of MCC Foundation
 - Institutional Effectiveness Department
 - Technology Support Services Department
 - Student Conduct and Campus Life Departments
 - Human Resources
 - Professional Development
5. MCC Sustainability efforts will continue to focus on education that results in behavior change. While the audiences vary, depending on topic, intended actions will be designed to influence as many people as possible.



Significant Highlights Since 2012

Since the last Sustainability Strategic Plan was implemented in 2012, the College has made great strides in implementing a more sustainable and environmentally friendly institution. Accomplishments in all three strategic directions position MCC as a leader in sustainability among college campuses.

Green Campus

- In December of 2014 a 91kW solar photovoltaic installation was implemented at Shah Center.
- Numerous energy efficiency measures have been implemented across departments, including one example of lighting retrofits that provided a savings of \$4,497.61 in FY15.
- The Sustainability Center sponsored two food scrap collection events in 2015 that diverted over 15 totes (1,350 gallons) of recyclable materials from the landfills.
- New landscaping initiatives on campus grounds including planting native plants and oak trees, reducing water use, and supporting wildlife biodiversity.
- Ten water filling stations were installed to allow students to fill their own water bottles. These stations have kept over 400,000 single use plastic water bottles out of the waste stream.
- In January 2015, the Sustainability Center installed thirty new recycling/waste stations.

Green Curriculum

- Seventy classes of core curriculum with a green component were developed and presented each semester. The number of classes offered by division are as follows:
 - Humanities and Social Sciences—17
 - Math, Science and Health Professions—43
 - Education, Career and Technical Ed—10.
- A new credit class, GEG 290-001 Sustainability: Principles and Practices was offered in the fall 2015 semester.
- A new credit class IMT 299 004 Sustainability Building Codes was offered in the spring 2015 semester. It had full enrollment.
- In fall 2014, six new non-credit classes were offered. They included gourd art; cooking with fall produce; sustainable farming; and trip to Byron Nuclear power plant. In spring 2015 fifteen new classes were offered, including wildflower and tree identification; mushrooms; mini-gardens; beekeeping and organic gardening.
- The Chemung property was developed to become McHenry County College Field Outdoor Laboratory. In the future, it will be further developed as an outdoor classroom.
- In partnership with the Midwest Renewable Energy Association, Solar Site Assessor and Solar Sales and service classes were offered in the spring 2015 semester.

Green Community

- In November of 2015, the 8th Green Living Expo was presented. Each consecutive year, the attendance and participation has grown. In 2015, 900 people attended the program that included 81 vendors and exhibits.
- For the 8th year MCC has partnered with the Bioneers organization to bring cutting edge information and speakers on energy, climate change and local food. Over 400 people attended the Bioneers speaker series presented in February 2015.
- The 9th edition of the Green Guide 2015 was published in April, 2015. Over 35,000 copies were distributed via the Northwest Herald and an additional 5,000 were delivered by volunteers to key places around the county. The Green Guide has won several awards and is a unique document that has been duplicated in surrounding communities.

Goals and Objectives for Sustainability at MCC, 2015–2018

In preparation for the development of this strategic plan, Sustainability Center staff and MCC Sustainability Committee members met individually and in groups with every department that could potentially have an impact on the implementation of sustainable practices at MCC. For example, goal one, objective five is: Reduce MCC's Paper Consumption. Meetings were held to brainstorm ideas and issues for this objective with Human Resources, Financial Aid, Duplication Center, Student Life and Technology Support Services. Many of the objectives are the same or similar to the last strategic plan, however; the strategies and metrics have been updated based on the meetings with staff at MCC.

The following is an overview of sustainability intended goals and objectives for 2015-2018. Obstacles facing implementation are also outlined.

Green Campus

Reducing MCC's energy usage remains a top priority to increase efficiency and have a positive effect on our overall carbon footprint while saving the college's fiscal resources. MCC will continue to evaluate present initiatives and, if appropriate, implement renewable energy systems both at main campus and at the Shah Center.

In previous research, transportation resources have been identified as the biggest portion of our carbon impact. The Sustainability Strategic Plan outlines several strategies to address those impacts, including installing electric charging stations in key parking areas and additional bike racks at student buildings.

This plan details several strategies to address the reduction of waste at MCC. To reduce food waste in college dining areas, the plan calls for the implementation of an ongoing food scrap recycling program which, given past experience with spot food waste collection events, can potentially have a large impact on MCC's carbon footprint.

Paper consumption adds for a significant addition to the waste stream. As an educational institution, the college has a particularly high need for printed material. However, MCC will continue to implement strategies identified in the 2012 plan to reduce paper consumption and develop a campus wide printing policy. A key piece of reducing paper consumption will be converting many of the College's current paper forms to an electronic format.

Water has been identified as the "new oil" for its value and scarcity. Education about ways to reduce consumption and conserve water resources remain important, however MCC will also begin to implement tools to more effectively measure its daily water usage. Once measurements are available, a complete water audit will be conducted and areas of concern including undetected leaks and excess use will be addressed.

All new construction or renovation projects to buildings or grounds at MCC, will include sustainable land practices in the design phase. The use of native landscaping is the standard and bioswales will be installed where appropriate. The acquisition of the Chemung property site, (the MCC Field Outdoor Laboratory Site), has and will continue to provide many opportunities to incorporate sustainable land design including prairie restoration, stream bank stabilization and the addition of native species.

Green Curriculum

MCC promotes over 70 classes that have components of the definition of sustainability embedded within the curriculum. Examples include English Composition 1 and 2, and International Business where students discuss environmental economics, fracking and sustainable agriculture practices. This area will see the most growth through the lifetime of this strategic plan. Several programs are in development or set to be launched soon. For instance, a workshop will be offered for interested faculty titled "Greening Your Curriculum". Additionally, work will continue with the Continuing Education Department to offer noncredit sustainability related classes, trips and seminars.

Examples of new classes in development:

- Associates in Applied Sciences Specialty option in Urban Agriculture
- Food and Vegetable Production
- Organic Production Systems
- Hydroponics Mechanics
- Non-credit training for the launch of a local food production business
- Partnership with Midwest Renewable Energy Association to offer Solar Site Assessor classes and Solar Sales and Design classes

The concept of the “Campus as a Living Lab” is prevalent across college campuses. It allows students to get real world experience in a field of interest by using the resources available on campus such as energy consumption and hydroponics. MCC will work to incorporate this approach through the development of partnerships with local industries.

The Illinois Green Economy Network is set to launch their Career Pathways program in the fall of 2015. Curricula for over 15 areas of concentration including energy, advanced manufacturing, sustainable food, transportation and fuels and freshwater resources have been developed and are being made available to prospective students for immediate use. As the program becomes available, MCC will evaluate and implement its impact as appropriate.

Green Community

MCC continues to foster and develop partnerships with local, regional and national organizations, positioning the College’s Sustainability Center to continue to serve as a resource for the community. The Center receives over 500 calls, emails, and visits a year with questions on recycling, green events and programming.

Our partners continue to include members of the Marchi Fund Advisory Committee, the Environmental Defenders of McHenry County, Land Conservancy of McHenry County, the McHenry County Conservation District, the Crystal Lake Sustainability Committee and the McHenry County Food Shed.

The Loyola University Retreat and Ecology Campus (LUREC) and the Loyola Institute for Environmental Sustainability have evolved and are strong and active partners. MCC will continue to explore opportunities to partner with them for expanded educational opportunities in both higher education and community education.

In the new plan, MCC will increase efforts to be recognized for its commitment to sustainability on a more national platform. In 2015 MCC received a Green Genome award for community engagement from the American Association of Community Colleges SEED center. MCC also attained the Bronze level of the Illinois Campus Sustainable Compact in 2013 which requires specific milestones be met. These milestones include targeted education campaigns and the maintenance of a website dedicated to sustainability.



Sustainability Strategic Plan 2015–2018

Goal #1

Green Campus: Reduce MCC's Carbon Footprint

Objective 1: Reduce MCC's energy usage by 20% per square foot by 2018

Metric: Document consumption of energy (kWh and Thermos) by using the energy dashboard. Reports issued every semester (3x/year) on use, potential areas of waste and areas for improvement

Strategy 1: Continue to promote energy efficient lighting options

Metric: Continue to support LED lighting installations in parking lots E&F, and at Shah Center

Strategy 2: Continue to align lighting according to classroom schedule and facility occupancy

Strategy 3: Upgrade HVAC systems for increased energy efficiency

Strategy 4: Encourage staff to implement energy saving measures

Strategy 5: Encourage the reduction of personal heaters, personal printers and other energy inefficient items

Metric: Support the investigation of energy loss in Building A through energy monitoring via the energy dashboard

Strategy 6: Install monitoring for gas usage to determine usage and areas of waste

Strategy 7: Investigate and evaluate the feasibility of rooftop gardens

Objective 2: Research and Implement two to five renewable energy systems at McHenry County College by 2018

Strategy 1: Research the feasibility of additional renewable energy installations at Shah Center to meet 75% of Shah's needs from renewable energy

Metric: Evaluate Shah's roof for possible solar energy installation in FY16

Metric: Evaluate Shah Center property for possible small wind installation in FY17

Strategy 2: Implement ground and/or rooftop solar energy installations for main campus with the goal of 10% per building per installation

Metric: Solar energy rooftop installations to be evaluated and scheduled following roof replacement. (Building C in fall 2015, Building A in summer 2016)

Metric: Evaluate roofs at main campus not slated for replacement for possible solar installation

Strategy 3: Evaluate the feasibility of using wind energy on main campus

Metric: Feasibility Study to be completed 2016 using data from MET tower on campus

Strategy 4: Evaluate the feasibility of using geothermal energy on main campus for heating and cooling for any new or retrofit construction

Metric: Feasibility Study completed 2017 pending space allocation study results and available resources

Strategy 5: Evaluate the potential opportunities of community based solar energy to meet our renewable energy goals

Strategy 6: Evaluate the potential opportunities of power purchase agreements (PPAs) to meet our renewable energy goals

Objective 3: Address the transportation impacts to the Colleges’ carbon footprint

Strategy 1: Install electric vehicle charging stations at main campus

Metric: Install one dual station or two single stations in 2015

Strategy 2: Install electric vehicle charging stations at Shah Center

Metric: Install one dual station or two single stations in 2015

Strategy 3: Increase the number of bicycle racks on campus

Metric: Install two in 2016 to coincide with the completion of Rte. 14 and the bicycle path

Metric: Install two in 2017 if usage establishes the need

Strategy 4: Work with MCC Human Resources and PACE to develop van/carpool options for MCC staff and students

Metric: Reduce the number of vehicles driving to and from main campus by two to five percent

Strategy 5: Require the purchase and/or lease of alternative fuel vehicles whenever possible

Metric: Increase the number of alternative fuel vehicles in campus fleet by 10% by 2018

Objective 4: Increase MCC’s waste diversion rate to 40% by 2018

Strategy 1: Conduct bi-annual waste audit for all areas of the college and outside grounds for mixed recycling; garbage and food scraps

Strategy 2: Continue to implement an on campus recycling program with new containers labeled “mixed recycling and landfill”, signs and educational tools for common areas

Metric: Regularly monitor and coordinate with custodial staff

Strategy 3: Reduce the use of one time plastic cups and bottles

Metric: Expand water bottle filling station from nine to fifteen on campus

Metric: Promote refill stations with campus activities

- Strategy 4: Encourage reuse of supplies and furniture on campus
- Metric:** Schedule regular “Office Swaps” to allow staff to make unused items available for other departments
 - Metric:** Work with Director of Business services to increase reuse via www.surplusproperty.com
 - Metric:** Work with IT Department to create and maintain a virtual office swap
 - Metric:** Support purchase of repurposed/sustainable furniture
- Strategy 5: Utilize environmentally sound food service practices including reducing use of water and energy, and using eco-friendly or reusable containers whenever possible
- Strategy 6: Develop a food scrap recycling program for pre-consumer food waste
- Metric:** Research grant, partnership or sponsorship opportunities for food scrap recycling
 - Metric:** Begin implementation of pre-consumer food scrap recycling program by spring 2016
- Strategy 7: Develop a food scrap recycling program for post-consumer food waste
- Metric:** Begin implementation of post-consumer program January 2017
 - Metric:** Conduct a minimum of three zero waste events per calendar year
- Strategy 8: Implement paper towel recycling program to decrease the amount waste generated

Objective 5: Reduce MCC’s paper consumption

- Strategy 1: Develop a campus wide printing policy
- Metric:** Require the use of electronic syllabi by 2016-7 school year
 - Metric:** Work with IT staff to begin policy development by 2016
- Strategy 2: Facilitate the process of converting paper forms to ones that can be distributed and submitted electronically
- Metric:** Work with Business Office on process to begin the process of converting purchasing forms and travel forms to electronic submissions by 2018
 - Metric:** Work with Human Resources to begin the process of converting multiple forms by 2018 including HR module of the evaluation system, job descriptions, and utilizing imaging or scanned copies in place of paper copies
 - Metric:** Implement digitized signature to further the use of electronic forms such as evaluations, contracts and time entry by 2017
 - Metric:** Implement encrypted system for email of employment packets by 2017
- Strategy 3: Require staff and students to implement strategies to reduce printing i.e. double-sided printing and alternatives to printing instructional handouts and testing materials
- Strategy 4: Coordinate the increased use of e-textbooks with faculty and MCC bookstore

Objective 6: Reduce MCC's water consumption

- Strategy 1: Educate college community on water conservation practices
- Strategy 2: Install water conserving fixtures such as sensor faucets and low flow toilets
- Strategy 3: Utilize native landscaping and more drought tolerant grasses and shrubs and landscaping techniques
- Strategy 4: Establish and implement the water audit process by 2018
- Metric:** Water usage will be measured annually by utility readings as of FY 15

Objective 7: Increase MCC's acreage of sustainable land design

- Strategy 1: Incorporate best practices for land design into Facilities Master Planning process including sustainable maintenance practices such as salt usage and over watering
- Strategy 2: Incorporate landscape elements such as rain gardens and bioswales to reduce storm water run-off
- Strategy 3: Utilize permeable surfaces, where appropriate and fiscally responsible
- Strategy 4: Assist in the development of the MCC Field Outdoor Laboratory site in Chemung, IL; and prairie and ponds on main campus to increase faculty, student and community understanding and interaction

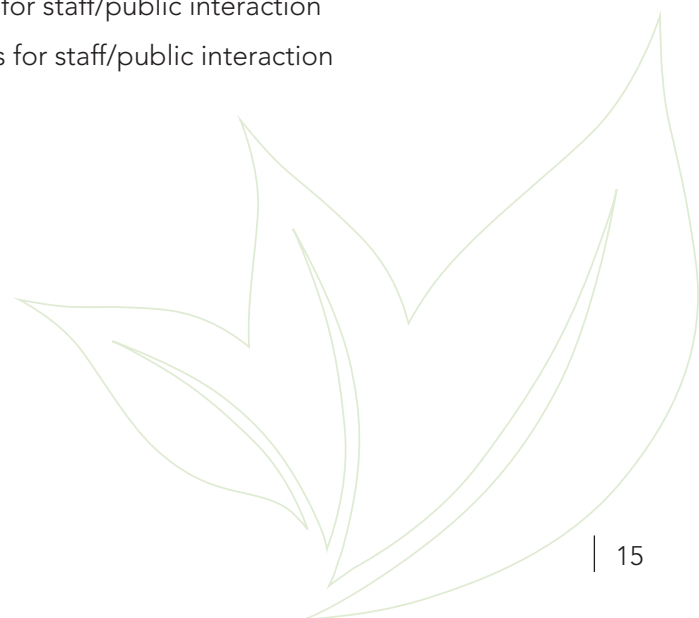
Goal #2**Green Curriculum: Develop Sustainability Education and Training Activities****Objective 1: By June 30, 2018, incorporate sustainability into MCC's credit and non-credit curriculum**

- Strategy 1: Submit for approval credit courses related to Food and Vegetable Production, Organic Production Systems, and Hydroponics Mechanics
- Strategy 2: Offer an introductory non-credit training to help individuals assess resources needed to launch a local food production business
- Strategy 3: Evaluate feasibility of developing a credit certificate for urban agriculture production, and an AAS specialty option in Urban Agriculture (Spring 2016)
- Strategy 4: Evaluate feasibility of offering IGEN-developed curricula: Career Pathways Program
- Strategy 5: Integrate hybrid automotive technology into MCC Automotive Technology courses
- Strategy 6: Continue to work with Continuing Education Department to offer non-credit green course offerings for businesses and home owners
- Metric:** Implement partnership with Midwest Renewable Energy Association to offer Solar Site Assessor classes and Solar Sales and Design classes
- Metric:** Continue to support MCC's annual Gardenfest

- Strategy 7: Include campus sustainability practices in MCC 101 course
- Strategy 8: Expand Service Learning for students by promoting/coordinating sustainability related opportunities within the community
- Strategy 9: Develop a grant program for faculty innovation in sustainability
- Strategy 10: Explore and develop concept of “Campus as a Living Lab”
- Strategy 11: Continue to research and promote existing classes with components of the definition of sustainability embedded within the class
- Strategy 12: Offer Greening Your Curriculum class(es) to faculty and other educators for the purposes of incorporating sustainable principles into the classroom
 - Metric:** The number of green courses that are developed and the number of existing courses that incorporate a sustainable component will be measured three times a year as of FY 2015

Objective 2: Continue to implement education campaigns on campus to promote awareness of sustainability practices and principles

- Strategy 1: Maintain the sustainability branding campaign and web presence to promote sustainability
 - Metric:** Update content monthly
- Strategy 2: Maintain the Sustainability Center
- Strategy 3: Work with Student Life to expand the student environmental club
 - Metric:** Review and discuss every summer for implementation in the fall semester
 - Metric:** Continue to assist and guide (when needed) the student environmental awareness club
 - Metric:** Increase by 50% membership each year
- Strategy 3: Provide sustainability professional development activities for clock hour credit
- Strategy 4: Provide exhibits which explain complex environmental topics
 - Metric:** Update content quarterly
- Strategy 5: Implement MCC dashboard at Shah Center for staff/public interaction
- Strategy 6: Implement MCC dashboard at Main campus for staff/public interaction



GOAL #3

Green Community: Promote Sustainability Practices in the McHenry County Community

Objective 1: By June 30, 2018, support economic development in McHenry County for those businesses that offer a more sustainable choice

Strategy 1: Host annual Green Living Expo to highlight local green businesses

Strategy 2: Update and distribute Green Guide on annual basis with the Marchi Fund Advisory Committee

Metric: Host brainstorming meetings in summer and fall 2015 with the community to keep Green Guide information current and examine alternative publication methods

Strategy 3: Provide sustainability resources for green business practices through campus Sustainability Center, Illinois Small Business Development Center and Workforce Community and Business Program at Shah Center

Strategy 4: Identify training needs for businesses through Center for Corporate Training at Shah Center

Strategy 5: Maintain active status in the Illinois Green Economy Network

Metric: Measure the number of green events and activities related to economic development that are provided in the community monthly

Objective 2: By June 30, 2018, educate the McHenry County community about sustainability issues

Strategy 1: Offer environmental, sustainable and green personal development programs through continuing education

Strategy 2: Coordinate with community partners to host sustainability, resiliency, food co-op and recycling special events

Strategy 3: Update and maintain the sustainability website to share resources with the community

Strategy 4: Maintain presence on local groups, committees and boards

Metric: Measure web traffic, memberships, community meetings and personal development programs annually

Objective 3: By June 30, 2018, increase MCC employee, student and community use of alternative transportation by 5%

- Strategy 1: Publicize PACE rideshare program for employees
- Strategy 2: Publicize alternative transportation options through the Sustainability Center
- Strategy 3: Increase number of bike racks on campus
- Strategy 4: Implement electric vehicle charging stations at main campus
Metric: Install one dual station or two single stations in 2015
- Strategy 5: Implement electric vehicle charging stations at Shah Center
Metric: install one dual station or two single stations in 2015
- Strategy 6: Purchase low emission/fuel efficient vehicles when MCC campus vehicles need to be replaced
- Strategy 7: Utilize web conference and technology options such as WebEx, GoToMeeting or SKYPE as alternatives to traveling between sites for meetings

Objective 4: By June 30, 2018, allow MCC's efforts to be shared and recognized on a national platforms

- Strategy 1: Research and identify the appropriate method by which to measure MCC's progress on a national level
Metric: Provide a summary of available options to Executive Council in April 2016 for review and discussion
Metric: Select method and begin implementation early FY 17
- Strategy 2: Create procedures to implement sustainability policy (FY16)
- Strategy 3: Conduct the analysis as to whether there is benefit to the College joining the Alliance for Resilient Campuses (ARC)
Metric: Provide analysis to Executive Council for review and discussion (FY17)
- Strategy 4: Maintain active role with the Illinois Green Economy Network and U.S. Green Building Council (ongoing)



Appendix A—MCC Sustainability Policy

2.1.4.2

Adopted 9/26/02

Revised 6/16/14

Sustainable Practices

McHenry County College is committed to becoming a leader in academic programs and operational practices that model the sustainable use of resources, meeting the needs of current generations without impairing the ability of future generations to meet their own needs. McHenry County College is committed to researching new sustainability practices, conserving natural resources, reducing greenhouse gas emissions and minimizing generation of waste. Purchase of environmentally preferable and energy-efficient products, using recycled and recyclable materials and/or using sustainable energy sources will be considered in all purchasing decisions. Reducing transportation footprint and striving to employ high standards of environmental and energy efficiency excellence will be considered in all construction.

Appendix B—Sustainability Committees

Volunteer Committees: There are three committees that offer guidance and assistance to the MCC Sustainability Center Team in various areas. The MCC Sustainability Center would not have met many goals to date without their valuable service. They are as follows:

MCC Sustainability Committee—guides the greening of MCC's campus by providing direction and assistance to the Sustainability Center Team.

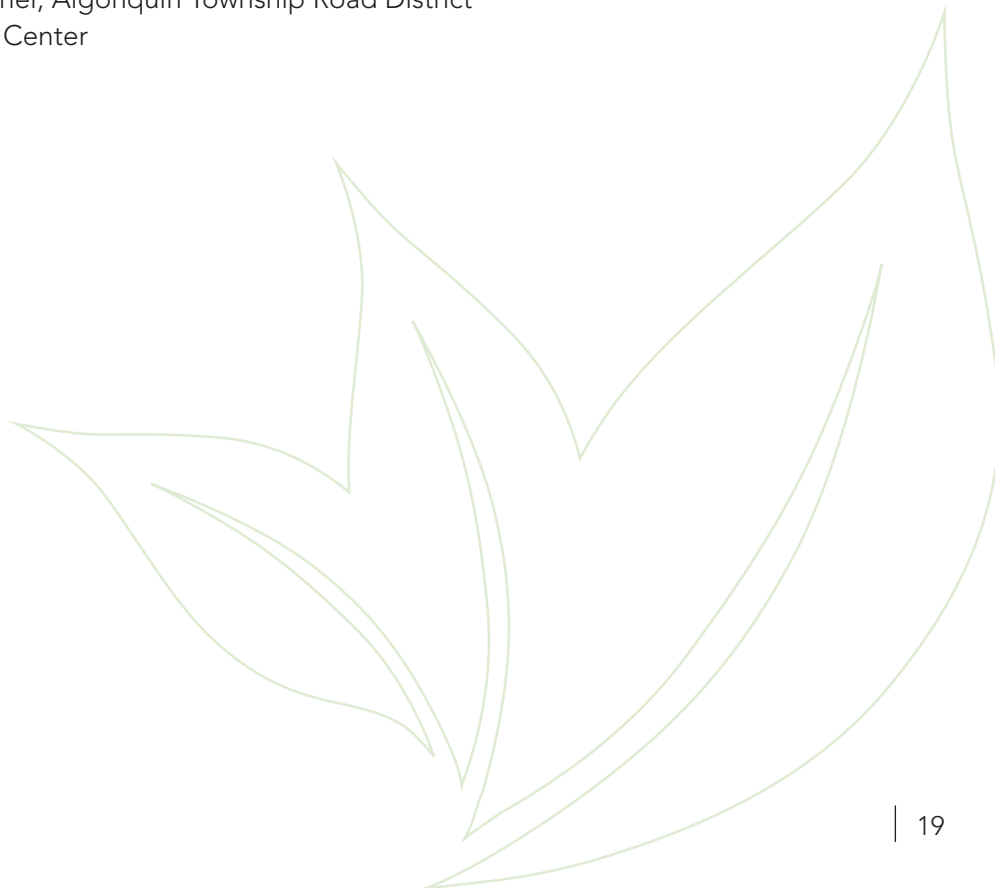
- Kelly Bradley, Institutional Research
- Beverly Dow, Faculty Biology
- Christine Fischer, Facilities
- Kim Hankins, Sustainability Center
- Ruth Kormanak, Continuing Education
- Kate Kramer, Faculty Earth science
- Leslie Krebs, Service Learning
- Paula Lauer, Marketing
- Tony Miksa, Academic and Student Affairs
- Tish Powell, Sustainability Center
- Pat Stejskal, Professional Development
- Brenda Stiff, Friends of MCC Foundation

Bioneers Steering Committee—Assists with the development of the Bioneers speaker series and the Green Living Expo. These two community education programs, held in February and November respectively, provide the public with opportunities to learn from trusted voices in the conservation field.

- Anne Basten, McHenry County Conservation District
- Karen Dombrowski, McHenry County Schools Environmental Education Program
- Beverly Dow, MCC Faculty, Biology
- Kim Hankins, MCC Sustainability Center
- Pat Inman, Northern Illinois University
- Leslie Krebs, MCC Service Learning Coordinator
- Tish Powell, MCC Sustainability Center
- Nancy Schietzelt, Environmental Defenders of McHenry County
- Caron Wenzel, Blazing Star Nursery
- Emily Zak, Loyola University Retreat and ecology Center

Marchi Fund Advisory Committee—Guides the production and publication of the annual Green Guide each year and provides a cohesive approach to recycling in McHenry County.

- Dwight Dalton, Waste Reduction Committee, Environmental Defenders of McHenry County
- Barb Day, Waste Reduction Committee, Environmental Defenders of McHenry County
- Karen Dombrowski, Educator, McHenry County Schools Environmental Education Program
- Bethany Gola, Director, McHenry County Schools Environmental Education Program
- Kim Hankins, Director, MCC Sustainability Center
- Kristy Hecke, McHenry County Solid Waste Manager, McHenry County Dept. of Health
- Alice Howenstine, Waste Reduction Committee, Environmental Defenders of McHenry County
- Carol Larson, MCC Trustee Emeritus
- Beverly Meuch, community member
- Bob Miller, Highway Commissioner, Algonquin Township Road District
- Tish Powell, MCC Sustainability Center
- Molly Walsh, MCC trustee






McHenry
County College