



Ohio University Sustainability Plan

Version 3
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Executive Summary

Presidential Advisory Council for Sustainability Planning

In 2007, President McDavis signed the American College & University Presidents' Climate Commitment. He established the Presidential Advisory Council for Sustainability Planning in 2009. The Sustainability Council, which is comprised of faculty, staff, and students, was charged with developing recommendations for a comprehensive sustainability plan, including campus-wide sustainability goals and objectives.

What is Campus Sustainability?

Campus sustainability is the degree to which activities at a particular university or college conserve natural resources, minimize environmental impacts, and protect the natural systems of the planet through campus operations, research, teaching, and public service.

Goals

After extensive university and community engagement, the Sustainability Council proposed three overarching goals to frame the plan:

Citizenship

Ohio University will promote and enhance ecological citizenship as expressed through literacy, engagement and sense of place.

Stewardship

Ohio University's campus and operations will be grounded in ecological stewardship and will support healthy and diverse ecosystems.

Justice

All members of the Ohio University community will have equitable access to and responsibility for environmental amenities and disamenities.

Working Groups:

Eight working groups comprised of faculty, staff, students, and community members developed objectives, benchmarks and strategies related to these themes:

Transportation
Procurement
Energy Infrastructure
Buildings and Grounds

Academics and Research
Fundraising and Endowment
Dining
Low and No Cost Energy Conservation

Benchmarks:

The Sustainability Council ranked 35 benchmarks by highest sustainability impact¹. These are the top nine:

- 1. Reduce institutional greenhouse gas emissions across all campuses.**
- 2. Reduce campus and building energy intensity.**
- 3. Increase renewable energy generation and sourcing.**
- 4. LEED certify new buildings and major renovations on all campuses.**
- 5. Reduce solid waste.**
- 6. Institute annual sustainability profile tracking and assessment process.**
- 7. Increase recycling rates**
- 8. Improve sustainability literacy of students, faculty and staff**
- 9. Increase enrollment in sustainability-themed courses, majors, and programs**

¹ An explanation of how benchmarks were ranked is available at www.ohio.edu/pacsp.

Background and Rationale

Ohio University has repeatedly demonstrated its commitment to sustainability². In May of 2006, Ohio University became the first public university in the state to hire a full-time employee to work solely on sustainability initiatives. The university is also home to the largest in-vessel composting system at a college or university in the nation and has been identified as an Ohio Center of Excellence for energy and the environment.

In addition to these hallmark achievements, the Ohio University Vision Ohio Strategic Plan³ articulates an institutional commitment to sustainability and the President has made a commitment to move the institution toward a carbon neutral footprint by signing the American College and University Presidents' Climate Commitment⁴ (ACUPCC). The State of Ohio also passed House Bill 251, which seeks to reduce energy intensity by twenty percent by 2014 at colleges, universities, and other state agencies.

This campus Sustainability Plan⁵ combines the goals of Vision Ohio, the ACUPCC, and House Bill 251⁶ into a comprehensive plan that measures the University's progress toward these goals and requirements and in general toward leadership in the movement toward a sustainable future.

As a result of this plan, the University will be able to document exemplary performance, recognize its leadership, and identify opportunities to build on its success. It also will be able to identify shortcomings and opportunities for action and improvement. Further, conducting evaluations of sustainable performance will allow the University to make informed decisions that will promote progress.

The plan is a road map for major steps toward achieving sustainability in the years to come. It will encourage cross-campus synergies, collaboration and a shared common purpose.

² In a report to the United Nations, "Our Common Future," also known as the Brundtland Report, sustainable development is defined as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs." The United States Environmental Protection Agency defines sustainability as "the ability to achieve continuing economic prosperity while protecting the natural systems of the planet and providing a high quality of life for its people."

³ Objective 19 of Vision Ohio states that Ohio University will improve campus facilities and strengthen its commitment to sustainability. To read strategies for reaching that objective or the entire document, visit <http://www.ohio.edu/vision/AcademicPlan.cfm>.

⁴ The ACUPCC commits Ohio University to achieving carbon neutrality through the implementation of a climate action plan. To read the entire commitment visit <http://www.presidentsclimatecommitment.org>.

⁵ Campus sustainability is the degree to which activities at a particular university or college conserve natural resources, minimize environmental impacts, and protect the natural systems of the planet through campus operations, research, teaching, and public service.

⁶ House Bill 251 states that state institutions of higher education will reduce on- and off-campus building energy consumption by at least 20 percent by the end of the fiscal year ending in 2014 compared to fiscal year 2004. To read the House Bill, visit <http://www.ohio.edu/pacsp/resources.html>.

The plan that was developed includes a vision statement, goals, objectives, benchmarks, and strategies. The goals are intended to be lofty and far-reaching. They were developed in this way so that the plan could remain valuable for decades and remind the University, that sustainability is a process and not an end point.

The plan also includes objectives which are specific, achievable, and realistic. However, the objectives do not set a timeline or define how they will be measured.

In order to provide clearer steps, benchmarks and strategies with target dates and metrics were developed. The benchmarks and strategies are intended to be dynamic and updated over time. The benchmarks and strategies will guide the university towards achieving the objectives. They also provide an accountability mechanism. The benchmarks and strategies should be updated over time as they are achieved and as more advanced technology is developed, cultural paradigms begin to shift, and new problem-solving methods emerge.

It is with great excitement that the Presidential Advisory Council for Sustainability Planning (Sustainability Council) presents this Sustainability Plan to the Ohio University community: the faculty, students, staff, and Athens community members. It is anticipated and expected that this document will catalyze new sustainability initiatives that demonstrate real, tangible results. The document is also intended to nurture the movements and changes that have already begun and continue to happen because of the amazing, dedicated, motivated sustainability advocates across campus and in the community.

Process

In September 2008, the Board of Trustees recommended that Ohio University develop a Campus Sustainability Plan in response to the ACUPCC, House Bill 251 and Vision Ohio. The Sustainability Council was created by President Roderick J. McDavis to develop a recommendation for a comprehensive sustainability plan. President McDavis appointed two co-chairs, three staff, three faculty, and three students to serve on the Sustainability Council.

In the fall of 2009, the Sustainability Council held a public brainstorming session. Over 80 faculty, staff, students, and community members attended and over 240 goals, objectives, and strategies were recorded. Brainstorm attendees also signed up to participate in working groups.

The Sustainability Council carefully reviewed all of the suggestions from the brainstorming session and developed overarching goals which they believe captured the essence of all of the suggestions.

The goals were given to eight working groups: Academics & Curriculum , Low & No Cost Energy Conservation, Dining, Transportation, Procurement, Energy Infrastructure/Utilities, Fundraising & Endowment, Buildings & Grounds. Each working group was co-chaired by a Sustainability Council member and an expert in the field. Working groups consisted of faculty, students, staff, and community members who volunteered to serve on the committee at the public brainstorming session. Some working group members were identified by the Sustainability Council and invited to participate in specific working groups because of their expertise in or passion for the area.

The working groups developed objectives based on the goals of the sustainability plan. The working groups' first points of reference for the development of the objectives were the ideas generated at the initial brainstorming session. Objectives along with benchmarks and strategies were returned to the Sustainability Council.

The Sustainability Council then reviewed and edited the working groups' recommendations. They eliminated redundancies across working groups and associated objectives with the appropriate goal.

The planning process was presented to Administrative Senate, Classified Senate, Faculty Senate, Graduate Student Senate, and Student Senate and the Sustainability Council asked them to provide written feedback about the plan. The plan was opened to all Ohio University members and the public for feedback. A public presentation followed. A timeline of the entire process is included in the plan appendix.

Beginning in the summer of 2011, a climate action plan will be developed using elements of this Sustainability Plan.

Vision Statement

*Ohio University will be an active leader
in campus and community sustainability.*

*Our leadership will be demonstrated
through our commitment to ecological
citizenship, stewardship, and justice.*



CITIZENSHIP

Ohio University will promote and enhance ecological citizenship as expressed through literacy, engagement, and sense of place.

- C1** Ohio University will recruit students, faculty, and staff who are interested in sustainability and eager to enhance the way we live and learn.
- C2** Ohio University will build instructional capacity on all campuses to integrate sustainability into the curriculum across all disciplines.
- C3** Ohio University will increase the number of students enrolled in sustainability-themed courses, majors, and programs.
- C4** Ohio University will promote the engagement of campus community members in healthy green lifestyles and sustainability activities both on and off campus.
- C5** Ohio University will make information on our sustainability profile as a campus centrally and publicly available.
- C6** Ohio University will strengthen research activities and the provision of technical assistance focusing on solutions to sustainability challenges.

Ohio University's campus and operations will be grounded in ecological stewardship and will support healthy and diverse ecosystems.

- S1** Ohio University will reduce harmful impacts associated with its energy consumption and greenhouse gas footprint by curbing demand, maximizing efficiency, and exploiting renewable energy options.
- S2** Ohio University will minimize the purchase of consumable and disposable goods and services.
- S3** Campus buildings and grounds will exhibit best practices in sustainable energy, water, space, and material resource conservation and efficiency.
- S4** Outdoor environments will be managed in such a way as to render them harmonious rather than harmful with plant, animal, and human communities.
- S5** Ohio University will support comprehensive transportation approaches that give preference to alternative, shared, and pedestrian-friendly mobility options.
- S6** Ohio University will give preference to sustainable goods and services prioritizing those that are locally sourced.
- S7** Ohio University will achieve the highest possible value in its waste diversion efforts, privileging reuse over resale, resale over upcycling, upcycling over downcycling⁷, and downcycling over landfill disposal.
- S8** Ohio University will encourage sustainability-focused improvements in Athens and our surrounding communities.

⁷ The terms upcycling and downcycling are taken from the book *Cradle to Cradle: Remaking the Way We Make Things* by William McDonough and Michael Braungart. Recycling is split into two categories. Upcycling is the process of turning a waste material or a product that has reached the end of its useful life into a product of equal or higher value. Downcycling, conversely, decreases the value of the original material.

All members of the Ohio University community will have equitable access to and responsibility for environmental amenities and disamenities⁸

- J1** Ohio University will equitably provide healthy living, learning, working, and playing environments.
- J2** Ohio University will increase resource accountability among units on campus, thereby incentivizing sustainable choices and behaviors.
- J3** Ohio University’s investment strategy will privilege sustainable corporations and entities.
- J4** Ohio University will prioritize service organizations and local communities in need when reallocating surplus resources.

⁸ Whereas environmental amenities are agreeable, pleasant, and comfortable, disamenities are disagreeable, unpleasant, and uncomfortable. For example, a landfill bordering a person’s backyard is an environmental disamenity.

Benchmarks

The benchmarks are listed from highest to lowest sustainability impact based on the subjective judgment of the Sustainability Council. A more detailed explanation of the rating exercise used to rate the benchmarks is available at www.ohio.edu/pacsp.

Goals Key:

 Citizenship

 Stewardship

 Justice

1 Reduce institutional greenhouse gas emissions (GHGE) across all campuses.

Target and Date

Athens Campus: 25% below 2005 levels by 2030. 80% below 2005 levels by 2050. Carbon neutrality by 2075.
Regional Campuses: 25% below baseline levels (as established for each campus through Climate Action Plan) by 2030. 80% below baseline levels by 2050. Carbon neutrality by 2075.

Recommended Strategies

- Reduce use of fossil fuel based energy infrastructure.
- Improve efficiency of existing and planned campus facilities.
- Increase renewable energy generation and sourcing.
- Provide a mechanism for university community members to invest in carbon offsets that benefit projects on campus.
- Actively promote resource sharing, reuse, electronic communications, bulk purchasing & aggregated delivery.
- Reduce size and use of university fleet.
- Prohibit vehicle idling.
- Support increased use of tools for online and virtual meetings.
- Conduct a feasibility study for the replacement of Lausche Heating Plant and develop a plan for replacement.
- Schedule evening events and classes in buildings that cannot easily be powered down.
- Institute centralized scheduling.

Metric: Tons of GHGE⁹

Goals:  1, 2, 3, 4, 5, 6, 7, 8

2 Reduce campus and building energy intensity

Target and Date

Reduce building energy intensity 20% below 2004 levels by 2014¹⁰ and 40% below 2004 levels by 2030. Avoid 24 Megawatt (MW) peak on the Athens campus. Lower peak to 23 MW by 2016.

Recommended Strategies

- Institute demand side management program within the department of Facilities Management in accordance with Sustainability Plan and Climate Action Plan goals.
- Install building level meters for electricity and steam.
- Establish real-time energy monitoring capacities that are accessible to all members of the University community.
- Implement energy conservation measures (ECM) across all campuses.
- Ensure new construction/renovation projects achieve lower MMBTU/gsf energy profile than campus average.
- Institute an “energy tap fee” on all construction and renovation projects over \$2 million beginning in fall 2011. One percent or more of total project costs directed to a demand reduction and renewable energy project fund managed by Facilities.
- Planned projects that are projected to lead to a breach of the 24 MW peak will be required to present a plan to AVP Facilities for comparable reduction in electricity use elsewhere on campus or the generation of sufficient renewable energy to manage the increase.
- Develop a policy for temperature set points across campus.

Metric: Building energy intensity: MMBTU/gsf¹¹,
Campus energy intensity: Peak electricity load

Goals:  1, 2, 3

⁹ As measured by current University carbon footprint accounting methods. In 2010, Ohio University relies on the Clean Air Cool Planet carbon footprint tool (www.cleanair-coolplanet.org).

¹⁰ In accordance with Ohio House Bill 251

¹¹ In accordance with Ohio House Bill 251

3 Increase renewable energy generation and sourcing

Target and Date

20% of all campus energy use by 2020.

Recommended Strategies

- Actively solicit funding opportunities for renewable energy installations.
- Institute an “energy tap fee” on all construction and renovation projects over \$2 million beginning in fall 2011. One percent or more of total project costs directed to a demand reduction and renewable energy project fund managed by Facilities.

Metric: Megawatt hours (MWh) of energy, both renewable and non-renewable¹².

Goals:  1, 2, 3, 5, 6

4 LEED¹³ certify new buildings and major renovations on all campuses

Target and Date

LEED Silver minimum certification for all building and renovation projects budgeted at or above \$2 million, effective FY2011. Equivalent LEED-based approach for projects budgeted under \$2 million, effective FY2012.

Recommended Strategies

- Provide support for the LEED accreditation of all planning and design and construction staff.
- Actively solicit funding opportunities for innovative green building elements and approaches.

Metric: Adoption of policy / procedure

Goals:  2, 3, 8  1

¹² The following energy sources are recognized as “renewable” in accordance with the Sustainability Tracking and Assessment Systems (STARS): concentrated solar thermal, deep well geothermal systems that generate electricity, low-impact hydroelectric power, solar photovoltaic, wave and tidal power, wind. Biofuels from the following sources are eligible: agricultural crops, agricultural waste, animal waste, landfill gas, untreated wood waste, other organic waste.

¹³ Leadership in Energy and Environmental Design (LEED) is a third-party certification program and the nationally accepted benchmark for the design, construction and operation of high-performance green buildings. LEED gives building owners and operators the tools they need to have an immediate and measurable impact on their buildings’ performance. LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection, and indoor environmental quality.

5 Reduce Solid Waste¹⁴

Target and Date

5% per year between 2011 and 2016.

Recommended Strategies

- Actively promote resource sharing, reuse, electronic communications, bulk purchasing, and aggregated delivery.
- Develop training to move offices towards paperless operation.
- Offer reduced portion sizes at all all-you-can-eat dining facilities.
- Offer discounts across campus for use of reusable containers.
- Expand office supply swap programs.
- Implement campus-wide inventory system to facilitate the reuse of laboratory chemicals.
- Designate sustainability leaders in all departments and operational areas.
- Place more unified recycling bins across campus and co-locate trash and recycling bins.
- Partner with Off-Campus Living to reduce waste from off-campus housing.

Metric: Tons of solid waste.

Goals:  2, 7

6 Institute annual sustainable profile tracking and assessment process

Target and date:

Formal mechanism implemented within 3 month of Sustainability Plan adoption.

Recommended strategies:

- Modified STARS¹⁵ approach with/out formal enrollment.

Metric: Adoption of data/set procedure

Goals:  5, 6

7 Increase Recycling¹⁶ Rates

Target and Date:

80% by weight of all recyclable solid waste by 2016.

Recommended strategies:

- Implement single or dual stream recyclable materials collection.
- Require all construction contractors to sort recycling waste and report tonnage to Project Managers.
- Review and amend waste and recycling contracts on an on-going basis to ensure that the highest value is being garnered.
- Implement improved waste tracking mechanisms.
- Assess opportunities for community-based and regional waste partnerships.

Metric: Percentage of recyclable waste.

Goals:  2, 7

¹⁴ Solid waste includes, but is not limited to, the following non-hazardous materials: landfill waste, recyclable materials, organic waste, and construction & demolition waste. Universal and other forms of hazardous waste are excluded from this category.

¹⁵ Sustainability Tracking, Assessment and Rating and System (<http://stars.aashe.org>)

¹⁶ Recyclable products are those that can be processed into component materials thereby reducing the need for newly extracted raw materials.

8 Improve sustainability literacy of students, faculty and staff

Target and date:

Definition by December 2011. Baseline by June 2012. 5% increase in literacy among students, faculty and staff each year.

Recommended Strategies:

- Develop a shared definition of sustainability literacy.
- Develop an appropriate tool for monitoring and assessment.
- Incorporate sustainability into orientation activities for incoming University community members.
- Implement sustainability-themed semester, year, or 1st year experience.
- Designate sustainability leaders in all departments and operational areas.
- Support the development of courses that integrate sustainability themes and issues.
- Offer training and/or other professional development opportunities in sustainability to all staff at least once per year.
- Administer an annual graduation pledge.
- Use local media to inform university and community of sustainability initiatives.
- Develop a general, campus-wide awareness campaign and distribution of the sustainability plan.

Metric: Definition adoption; total numbers of students, staff and faculty meeting literacy threshold.

Goals:  1, 2, 3, 4, 5, 6

9 Increase enrollment in sustainability-themed courses, majors, and programs

Target and Date:

Definition and baseline by December 2011. 5% increase in course offerings and enrollment per year compared to December 2011.

Recommended Strategies

- Identify sustainability-focused and sustainability-related courses.
- Explore opportunities for integration, including using the GENED system, in particular the tier III courses; special topics courses; University College courses; Tier II; common reading project.
- Work with internal grants sources to provide incentives for faculty to develop new courses and revise existing courses.
- Create opportunities for faculty to participate in professional development.
- Work with faculty to identify existing courses that are ripe for integration.
- Develop language related to the impact that participating in sustainability-related or focused courses could have on interdisciplinary promotion and tenure measures and support faculty who do this.
- Assemble a group of faculty who could serve as sustainability curriculum mentors to advise other faculty.

Metric: Definition adoption; total number of undergraduate, graduate and continuing education students enrolled annually.

Goals:  2, 3

10 Integrate sustainability goals and objectives into capital campaign

Target and date:

Goals will be developed and integrated into the capital campaign by the Fall of 2012.

Recommended strategies:

- Implement electronic communications into campaign communications plan.
- Identify and approach potential investors that support green/sustainable programs, building initiatives, and renewable energy installations.
- Designate sustainability leaders in all Advancement departments and operational areas.

Metric: Integration of goals

Goals:  3

11 Provide undergraduate students with a sustainability-focused major, degree program, or equivalent

Target and Date:

At least one major, degree program, or equivalent by 2015.

Recommended Strategies:

- Identify existing opportunities for sustainability-focused degrees.

Metric: Official major launch

Goals:  1, 2, 3, 4, 6

12 Evaluate LEED EBOM¹⁷ of existing facilities

Target and date:

Checklist evaluation of at least one existing facility over 15,000 gsf. Completed within 3 months of Sustainability Plan adoption.

Recommended Strategies:

- Designate Facilities Department as lead for implementation.

Metric: Completed checklist

Goals:  1, 2, 3, 4, 5, 6, 7  1, 2

¹⁷ The LEED EBOM (Existing Buildings: Operations & Maintenance) rating system helps building owners and operators measure operations, improvements, and maintenance on a consistent scale, with the goal of maximizing operational efficiency while minimizing environmental impacts. LEED for Existing Buildings addresses whole-building cleaning and maintenance issues (including chemical use), recycling programs, exterior maintenance programs, and systems upgrades. It can be applied both to existing buildings seeking LEED certification for the first time and to projects previously certified under LEED for New Construction, Schools, or Core & Shell.

13 Prohibit the installation of permanent irrigation systems that rely on potable water

Target and date:

Total ban effective June 2011.

Recommended strategies:

- Designate the Office for Design and Construction as lead for policy development and implementation.
- Support the use of weather-informed irrigation systems in existing applications.

Metric: Adoption of policy/procedure

Goals: **S** 3, 4, 8

14 Increase purchase of local food¹⁸

Target and date:

0.5% per year between 2011 and 2016.

Recommended strategies

- Designate sustainability leaders in all departments and operational areas.
- Continue outreach and collaboration with local growers and suppliers to increase the availability and scope of food items.
- Work with commercial vendors that offer local and sustainable product lines.

Metric: Total expenditures (\$) by University owned and operated dining facilities

Goals: **S** 6, 8

15 Improve identification and proper handling of hazardous waste

Target and date:

Implement tracking system for purchased hazardous chemicals by 2013.

Recommended strategies:

- Funnel all chemical purchases through a central purchasing system.
- Track the amount of hazardous chemicals purchased by the University.
- Designate a leader in Environmental Health and Safety to increase staff knowledge of hazardous waste compliance.
- Implement a purchasing system that automatically notifies EHS when a hazardous chemical is purchased.

Metric: Tracking system developed

Goals: **J** 2

¹⁸ A food or food product may be defined as local if it satisfies either of the following conditions: grown or processed within a 250 mile radius from the campus under consideration, with preference given to sources that are closer to the epicenter; OR grown or processed within the state of Ohio.

16 Improve sustainability profile of student, staff, and faculty vehicles

Target and Date:

60% of all student, faculty and staff vehicles will be classified as LEFE¹⁹ by 2015.

Recommended strategies:

- Institute parking pass fees for all faculty and staff on the Athens campus.
- Offer incentives such as preferred parking spots and discounted parking pass rates for LEFE vehicles.

Metric: Percentage of all vehicles associated with student, staff and faculty University parking passes.

Goals:  1, 5

17 Institute storm water management plan

Target and Date:

Plan adopted by June 2012.

Recommended Strategies:

- Designate University Planner as lead for plan development and implementation.

Metric: Adoption of storm water management plan

Goals:  4

18 Improve sustainability profile of campus fleet

Target and date:

Average fuel economy of the campus fleet will increase by 5% per year beginning in the fall of 2011. All cars and light trucks acquired from outside the university beginning in June 2011 will meet or exceed 2011 federal CAFÉ standards.

Recommended strategies:

- Centralize ownership and management of university vehicles.
- Designate the Department of Parking and Transportation as lead for tracking and reporting average fuel economy figures.
- Compile resources regarding CAFÉ standard compliant vehicles.
- Designate sustainability leaders in all departments and operational areas.

Metric: Policy development and implementation

Goals:  1, 5

¹⁹ LEFE (Low-Emitting and Fuel-Efficient) vehicles are defined as vehicles that are either classified as Zero Emission Vehicles (ZEV) by the California Air Resources Board or have achieved a minimum green score of 40 on the American Council for an Energy Efficient Economy (ACEEE) annual vehicle rating guide.

19 Increase use of green cleaning products

Target and date:

Exclusive use of certified²⁰ products when available and competitively priced.

Recommended strategies:

- Designate Facilities Management as lead for policy development and implementation.
- Investigate sustainability attributes and use of BioPreferred²¹ products.

Metric: Adoption of policy/procedure

Goals:  6, 7

20 Increase the percentage of paper products on campus that include post-consumer recycled content

Target and date:

75% of all annual paper products purchased²² will include at least 30% PCC by June 2012.

Recommended strategies:

- Designate sustainability leaders in all departments and operational areas.
- Work with vendor to increase sustainability attributes of products.
- Sort products based on sustainability priorities.
- Work with Inter-University Council of Ohio to incorporate sustainability standards into paper contracts.

Metric: Total expenditures by all University departments and programs (\$)

Goals:  6, 7

21 Assess endowment investment in sustainable corporations and entities and recommend strategies for increasing investment in these corporations and entities

Target and date:

Annual assessment beginning in the academic year following sustainability plan adoption.

Recommended strategies:

- Seek disclosure on environmental profiles of entities in which we invest.
- Explore the potential creation of a committee on investor responsibility with multi-stakeholder representation.
- Conduct screening of the entire investment pool, giving preference, where possible, to investments that align with criteria for environmental justice.
- Seek investments that promote sustainability including sustainability industries, businesses selected for exemplary sustainability performance, sustainability investment funds, community development financial institutions, socially responsible mutual funds with.
- Establish a student-managed socially responsible investment fund.

Metric: Assessment tool and report

Goals:  3

²⁰ A certification from an accredited group such as Green Seal, EcoLogo or the EPA.

²¹ The BioPreferred Program is a program of the United States Department of Agriculture (<http://www.biopreferred.gov/>).

²² Including but not limited to office paper, bulk printing paper, paper napkins, paper towels, toilet tissue.

22 Implement recruitment strategies targeting sustainability-minded students, faculty, and staff

Target and Date:

Beginning in the fall of 2012, use the sustainability profile of the school as a tool to recruit students with an expressed interest in sustainability. Faculty and staff will be recruited based on an expressed interest in sustainability and environmental issues beginning in the fall of 2012.

Recommended strategies:

- Designate Vice Provost for Enrollment Management as lead for student recruitment initiatives.
- Designate the Director of Compensation to work with departments to include a preferred interest in sustainability and environmental issues in faculty and staff job descriptions.
- Distribute recruitment materials prepared on behalf of the College of Arts and Sciences to all units upon request.
- Integrate sustainability emphasis into OHIO Up Close and other tours and programs for prospective students.

Metric: Development and distribution of targeted recruitment materials

Goals:  1

23 Strengthen sustainability research activities

Target and date:

25% of all full-time faculty by 2020 or 5% per year increase beginning 2012-2013. 75% of all academic departments and centers by 2020 or 5% per year increase beginning 2012-2013.

Recommended strategies:

- Work with internal grant sources and the Center of Excellence in energy and the environment to provide incentives for faculty to explore and expand research opportunities.
- Assess all units across campus to determine whether interdisciplinary, trans-disciplinary, and multi-disciplinary research are acknowledged and rewarded during faculty promotion and tenure.
- Identify ongoing funding support for faculty development workshops.

Metric: Percentage of full-time faculty; percentage of academic departments and centers; implementation of program

Goals:  1, 6

24 Encourage use of sustainable and/or recyclable materials and containers in place of polystyrene by developing environmentally preferable purchasing guidelines.

Target and date:

Develop and distribute Environmentally Preferable Purchasing Guidelines to the campus community by December 2013.

Recommended strategies:

- Designate Office of Sustainability as lead for policy development and implementation.

Metric: Adoption of policy/procedure

Goals:  2, 7

25 Sub-meter campus facilities

Target and date:

Building level meters for electricity and water for 50% of facilities over 15,000 gsf by 2014. 100% of facilities over 15,000 gsf by 2021.

Recommended strategies:

- Designate Facilities Department as lead for implementation.

Metric: Percentage of total facilities over 15,000 gsf.

Goals:  1, 3  2

26 Practice Integrated Pest Management (IPM)²³

Target and date:

Plan adopted by June 2011.

Recommended strategies:

- Survey and document classification of plants, native and invasive, turf and wildlife habitat.
- Prioritize attention and effort towards College Green, the Ridges, and the Hocking River areas.

Metric: Assessment tool and report

Goals:  4  3, 4, 8  1

²³ Understood to promote health of human and non-pest wildlife and ecosystem diversity and resilience.

27 Decrease use of Single Occupancy Vehicles (SOV)

Target and date:

85% of all students and 20% of all faculty and staff will use a non-SOV option as their primary method of transportation by 2015, including but not limited to non-motorized, shared, and alternative fuel options.

Recommended strategies:

- Develop and implement a University/City Transit Partnership
- Provide indoor and secure bike storage, shower facilities, and lockers for bicycle commuters in at least one campus location.
- Improve CATS service on the Athens campus.
- Institute parking pass fees for all faculty and staff on the Athens campus.
- Offer incentives such as preferred parking spots and discounted parking pass rates for carpool program participants.
- Prioritize compactness and walkability in master planning and campus development.
- Assess feasibility of a shuttle service from surrounding communities.
- Actively promote use of the ride share board and carpooling through the Human Resources Department
- Investigate using a portion of parking pass fees to improve public transportation in the future.

Metric: Percentage of students, staff and faculty surveyed

Goals:  1, 5

28 Increase purchase of non-food local goods and services²⁴ and environmentally preferable goods.

Target and date:

0.5% per year between 2011 and 2016.

Recommended strategies:

- Designate sustainability leaders in all departments and operational areas.
- Require that non-local contractors partner with local organizations and businesses.
- Work with vendors to increase sustainability attributes of products.
- Sort products based on sustainability priorities.
- Investigate sustainability attributes and use of BioPreferred²⁵ products.

Metric: Total P-Card expenditures (\$) by all University departments and programs (\$).

Goals:  6, 8

²⁴ A non-food good or service may be defined as local if it satisfies any one or more of the following conditions: grown OR manufactured OR processed within a 250 mile radius from the campus under consideration, with preference given to sources that are closer to the epicenter; sold by an independent business that is located within a 250 mile radius. A business may be defined as independent if it is managed by individuals having full autonomy and local decision-making authority with respect to business practices.

²⁵ The BioPreferred Program is a program of the United States Department of Agriculture (<http://www.biopreferred.gov/>).

29 Increase purchase of environmentally preferable computer products

Target and date:

75% of all annual computer products purchased rated EPEAT²⁶ Gold or better by FY2012.

Recommended strategies:

- Designate sustainability leaders in all departments and operational areas.
- Funnel computer purchases thru the Technology Depot and/or SciQuest.

Metric: Total expenditure by all University departments and programs (\$).

Goals:  6, 7

30 Provide information to diners regarding sustainability-attributes of food options

Target and date:

Labeling and marketing program by 2012.

Recommended strategies:

- Designate Dining Services to develop an in-house marketing campaign to identify locally sourced items in both the dining halls and retail locations.
- Designate Dining Services to develop an in-house marketing campaign to identify items that are sustainable i.e. organic, low impact, alternative energy produced.

Metric: Adoption of policy/procedure

Goals:  4, 5  6

31 Develop sustainability guidelines for concessionaires and franchisees

Target and date:

Guidelines developed by June 30, 2012.

Recommended strategies:

- Investigate the industry standard practices of 3rd party concession vendors at local, regional, and national athletic sporting venues/colleges and their utilization of sustainable measures.
- Identify key sustainable categories for implementation (utilization of recyclable plastic cups or other products; post-event food waste disposal; increase efficiency in capturing recyclables at events, etc.).
- Determine the financial savings/costs with the implementation of concessionaire sustainable guidelines for the Request for Proposal process; Identify a list of opportunities to offset any lost Ohio University (Athletics) revenue within a new 5-7 year contract.

Metric: Development of guidelines

Goals:  4  2, 6, 7, 8

²⁶ Electronic Products Environmental Assessment Tool (EPEAT), administered by the Green Electronics Council, is a certification for computers. The standard's evaluation criteria include: energy efficiency, reduction and elimination of environmentally sensitive materials, materials selection, design for end-of-life, product longevity and life cycle extension, end-of-life management, corporate performance, and packaging characteristics.

32 Increase food donations to local service organizations

Target and date:

Meet with Athens County Health Department, Culinary Services, and local service groups to discuss current obstacles and establish baseline goals for improvement by the end of Fall Quarter 2011.

Recommended strategies:

- Explore opportunities to address structural constraints in collaboration with Athens County Health Department.
- Designate Office of Sustainability as meeting coordinator.

Metric: Obstacles identified and baseline goals developed.

Goals:  7  4

33 Encourage residency in City of Athens for Athens campus employees

Target and date:

Recommended strategies:

- Informational materials will be provided to all incoming faculty and staff prior to relocation by 2012.
- Discuss opportunities for collaboration with Athens Chamber of Commerce, Athens Convention and Visitors' Bureau, and Athens Realty Board.
- Develop promotional materials profiling area residents employed at the university.

Metric: Informational materials available

Goals:  1, 4  5, 8

34 Implement notification system for local service organizations regarding availability of surplus items

Target and date:

Notification system active within 3 months of Sustainability Plan adoption.

Recommended strategies

- Develop inventory of local area service organizations.
- Include notification system information on the Campus Surplus and Office of Sustainability Web sites.

Metric: System implementation

Goals:  5  7, 8  4

35 Define and track sustainability research activities

Target and date:

Definition of sustainability research activities within one month of Sustainability Plan adoption. Inventory by faculty, department, collaboration, awards, and award dollars within 3 months of Sustainability Plan adoption.

Recommended strategies:

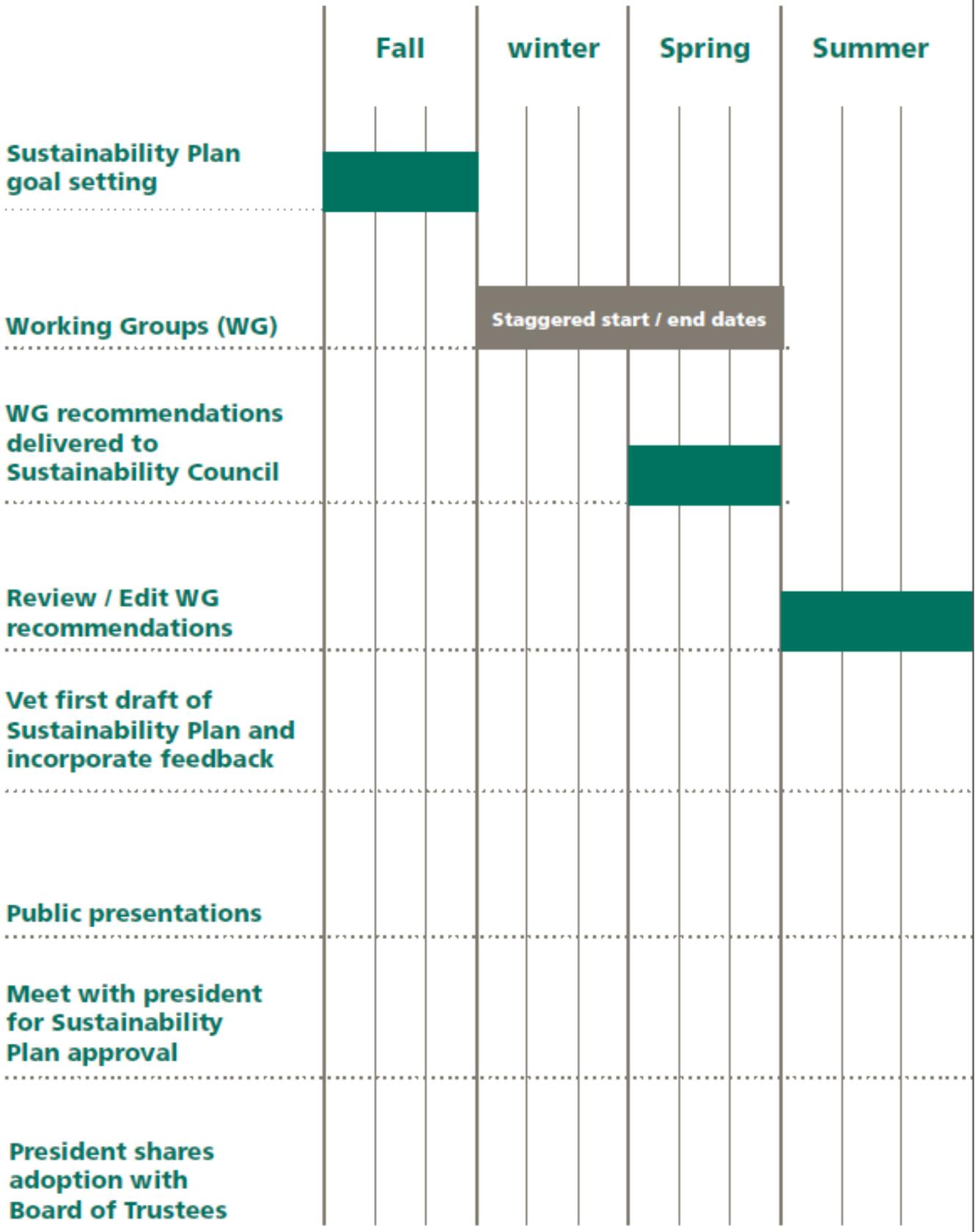
- Designate Office of Sustainability as lead for coordination of tracking process.
- In collaboration with the Office of Research and Sponsored Programs and the Center of Excellence in energy and the environment, conduct initial baseline assessment of qualifying research activities.
- Discuss scope of sustainability research activities with the Consortium for Energy, Economics, and Environment (CE3).

Metric: Adoption of definition; completed inventory

Goals:  1, 2, 3, 5, 6

Timeline

2009—2010



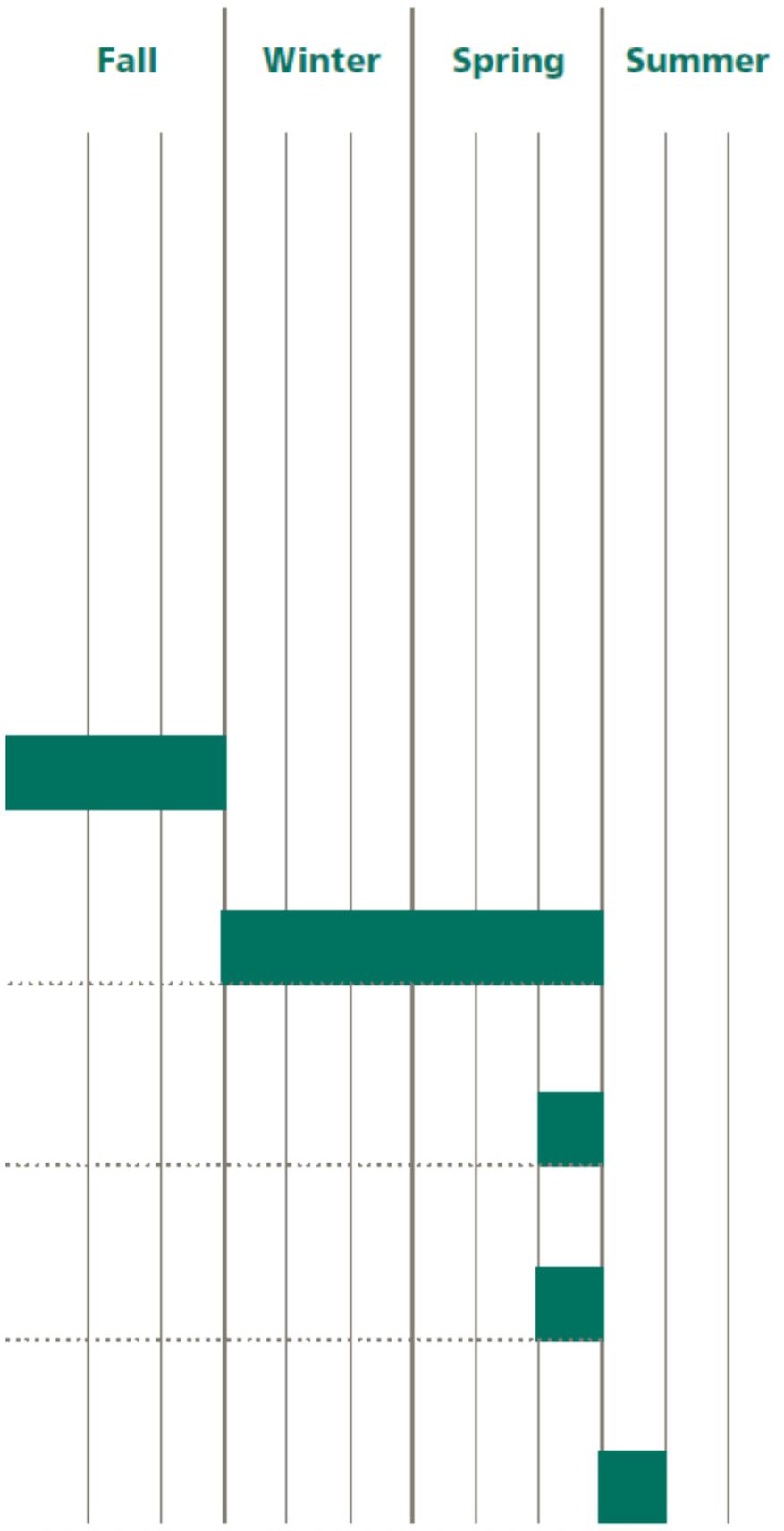
2010 — 2011

Fall

Winter

Spring

Summer



Vetting Process

The first phase of public outreach involved presenting the draft plan to faculty, staff, administrators, and students at the University.

We visited the following groups:

Graduate Student Senate, March 7, 2011
Faculty Senate, March 14, 2011
Classified Senate, March 17, 2011
Administrative Senate, March 17, 2011
Undergraduate Student Senate, March 30, 2011
Sierra Student Coalition/OU Beyond Coal, March 28, 2011
Board of Trustees, April 21, 2011

We also communicated with or visited representatives of the following departments/programs (fall and winter 2010-11):

Athletics	Institutional Research
Corporate and Foundation Relations	Kanawha Project
Dining	Procurement
Environmental Health and Safety	Programs Committee
Environmental Studies	Research and Sponsored Programs
Finance and Administration	Transportation and Parking Services
Human Resources	University Curriculum Council
Information Technology	University Development

All faculty, students, staff, and community members were invited to review the draft plan and submit written feedback by April 29, 2011. In addition to visiting all of the groups above, the following communication outlets were used to garner feedback:

- A story requesting feedback appeared in Compass on March 31, 2011
- A press release was submitted to University Communications and Marketing on April 12, 2011
- Announcements were made on the Office of Sustainability Facebook and Twitter pages
- Announcements were made on the Ohio University Facebook and Twitter pages
- Announcements appeared in Compass from March 17-April 5, 2011
- The interim sustainability coordinator appeared on Newswatch on April 27, 2011
- The draft plan was available on the President's Advisory Council for Sustainability Planning Web site (www.ohio.edu/pacsp) and the Office of Sustainability Web site (www.ohio.edu/sustainability)
- Announcements were made through the Green Network Listserv and the Green Faculty Listserv
- A message was sent to all regional campus Deans' Offices on April 16, 2011 for distribution to their campuses

A public presentation and round table discussion was held on May 23, 2011 from 5-6:30pm in Ridges Building 21. The public was invited to the presentation in the following ways:

- Event on the University Calendar
- Event on the WOUB Calendar
- Announcement in Compass from May 12-May 23, 2011
- Personalized emails sent out by Sustainability Council members
- Invitation to Green Network, Green Faculty and Ecohouse Digest Listserv
- Facebook and Twitter posts on the Office of Sustainability page
- Announcement to the regional campuses on May 16, 2011
- Invitations emailed to the regional deans and facilities directors
- An article appeared in Compass on May 19, 2011

After the public presentation, 52 attendees said they support the adoption of the Sustainability Plan and 45 of those attendees want to be involved in implementation. News coverage of the event appeared in the following papers:

- The Post on May 24, 2011
- Athens Midday on May 24, 2011
- Compass on May 25, 2011

Throughout the vetting process, written feedback was emailed to sustainability@ohio.edu. To read all of the written feedback and the Sustainability Council's responses, visit www.ohio.edu/pacsp.

Acknowledgements

Council Chairs

Michele Morrone,
Environmental Studies (January 2011-June 2011)

Ben Stuart,
Russ College of Engineering (July 2009-June 2011)

Sonia Marcus,
Director of Sustainability (July 2009-January 2011)

Sustainability Council Members

Gene Ammarell, Ecology and Energy Conservation Committee Chair
Jessica Bilecki, graduate student
Geoff Buckley, Geography
Jill Carlson, student
Sujit Chemburkar, Baker University Center/University Events
Lynnette Clouse, Design and Construction
Erin Dame, student
Mike Gebeke, Facilities
Michele Morrone, Environmental Studies
Ed Newman, Campus Recycling and Refuse
Amy Nordrum, student
Wendy Parker, Philosophy
Matt Rapposelli, Dining Services
Stephen Scanlan, Ecology and Energy Conservation Committee Chair
Molly Shea, student
Erin Sykes, Interim Sustainability Coordinator
Harry Wyatt, Facilities

Working Groups

Academics

Chair: Michele Morrone
Kimberly Criner, student
Ted Bernard, faculty
Bernhard Debatin, faculty
Mary Flournoy, community member
James Korpi, student
Molly Micheels, staff
Albert Rouzie, faculty

Buildings and Grounds

Co-chairs: Lynnette Clouse and Amy Nordrum
Teny Bannick, community member
Shawna Bolin, staff
Susan Calhoun, staff
Pat Davidson, staff
Sheryl Davis, staff
Badger Johnson, student
Ed Newman, staff
Richard Shultz, staff
Megha Sinha, faculty
Mark Whitney, staff

Dining

Co-chairs: Matt Rapposelli and Molly Shea
Jessica Bilecki, student
Bob Fedyski, community member
Lori Gromen, student
David Holben, faculty
Allison Potteiger, student

Energy Infrastructure

Co-chairs: Ben Stuart and Mike Gebeke
Maria Farinacci, student
Mark McCutchan, community member
Swati Ramanathan, student
Erin Sykes, staff
Nick Van Horn, student

Fundraising and Endowment

Co-chairs: Sujit Chemburkar and Eric Burchard
Emily Bacha, student
Annah Korpi, staff
Carole Kuhre, community member
Colleen McElligott, student
Scott Miller, staff
John Sabraw, faculty

Low and No Cost Energy Conservation

Co-chairs: Beth Clodfelter and Geoff Buckley
Richard Carlson, community member
Scott Eardley, student
Leah Graham, community member
Barbara Harrison, staff
Greg Kremer, faculty
Michelle Shaw, student

Procurement

Co-chairs: Harry Wyatt and Kathy Hoisington
Jill Carlson, student
Molly Gurien, faculty
Leslie Schaller, community member
Jennifer Simon, staff

Transportation

Co-chairs: Chris Knisely and Erin Dame
Kyle Gumto, student
Natalie Kruse, faculty
Paul Logue, community member
Ronald Lucas, community member
Glenn Matlack, faculty
Marty Paulins, staff

Graphic Design

Joel Bengson, student



For additional information about the
Sustainability Plan and the planning process, please visit:
www.ohio.edu/pacsp