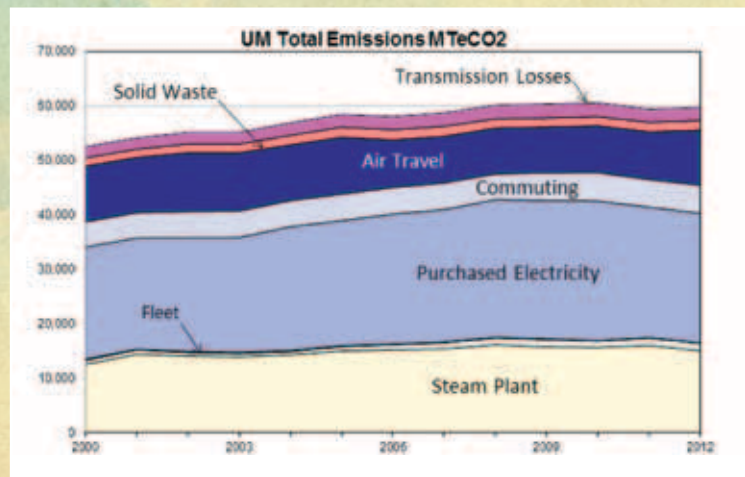
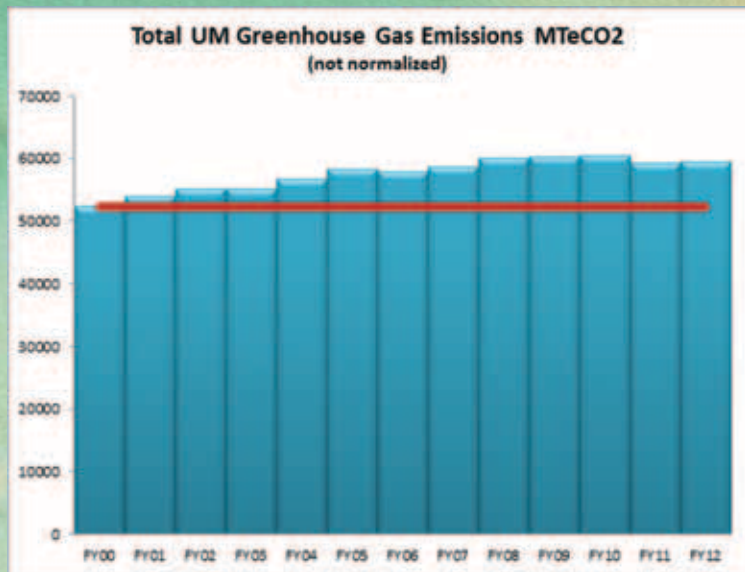


UM has reduced greenhouse gas emissions over the last two years.



University of Montana
State of Sustainability

REPORT CARD 2013



Compiled by the UM Office of Sustainability & the ASUM Sustainability Center

Endorsed by the Sustainable Campus Committee (SCC)

"The University of Montana models a pathway to economic, financial, environmental, and cultural sustainability in every aspect of mission fulfillment. It fosters principles of sustainability within the processes and cultures of the University, and it infuses issues of ecological, social, and economic sustainability into courses across the UM curriculum. Consistent with the broader concept of sustainability, the University's initiatives ultimately seek to enhance students' understanding of the interconnectedness of ecological, social, and economic issues." - from UM's Strategic Plan



University of Montana Strategic Plan, 2012-2020

Sustainability at the University of Montana looks like a lot of different things. It takes the form of faculty engaging in conversations about how to infuse sustainability concepts throughout the curriculum. Sometimes it looks like students assessing and measuring sustainability initiatives across campus through their work in a semester-long course. At other times, sustainability looks like retrofitting buildings for energy efficiency or a pedal-powered PA system being used at a campus event. UM is committed to manifesting sustainability in many different ways and to cross-campus and interdisciplinary engagement. The 2012/2013 academic year proved to be a fruitful year of sustainability progress.

ADMINISTRATION ✓

- In order to participate in the Sustainability Tracking Assessment & Reporting System (STARS) and access helpful sustainability resources, the SCC funded UM's **renewed membership in AASHE**, the Association for the Advancement of Sustainability in Higher Education. This will allow UM to report its sustainability metrics and compare our progress with other universities and colleges around the country.
- UM again received recognition in the Princeton Review's Guide to Green Colleges and has been included in every edition.

CLIMATE & ENERGY ✓

- In compliance with the American College and University Presidents Climate Commitment (ACUPCC) UM's **Greenhouse Gas Emissions Inventory** was updated. Results indicated a reduction in emissions each of the last two years. The reductions were a result of energy efficiency projects implemented in existing buildings.
- UM-Missoula maintains compliance with all ACUPCC requirements. With the support of the President, the Sustainable Campus Committee established working groups to identify potential carbon offset and renewable energy possibilities to achieve UM's carbon neutrality goal by 2020.

FOOD ✓

- UM's Farm-to-College program is thriving! In 2012/2013, UDS purchased 28.5% of its goods through the FTC program and the UDS Sustainable Purchasing Program. This is equivalent to **\$1.14 million returned to local and sustainable farms**, ranches, and businesses!
- University Dining Services **expanded its on-campus garden initiative**, doubling the size of the UDS garden at the Lommasson Center, constructing a passive solar greenhouse with the help of the graduating seniors of 2012, and co-managing the UC vegetable garden. This resulted in over 1,700 lbs. of campus-grown produce being served in dining locations.
- At the PEAS farm, a 10 minute bike ride from campus, UM students grew 15,000 lb of food for the Missoula Food Bank, and 21,600 lb of produce for a 100 member Community Supported Agriculture. This work blends social justice with a reduction in carbon footprint.

RECYCLING ✓

- In October 2012, in honor of **Campus Sustainability Day**, the ASUM Sustainability Center and student volunteers coordinated a waste audit with trash gathered from residence halls. The audit serves to provide a better understanding of recycling success on campus.
- Working closely with Residence Life and UM Recycling, UM's pilot EcoRep team was able to **integrate recycling into Knowles Hall** in spring 2013.

GREEN BUILDING ✓

- With support from the Office of Sustainability, two student interns conducted an assessment of UM's buildings to determine our potential compliance with **LEED EBOM** (Existing Buildings Operations & Maintenance) certification.
- With the support of UM students, the UC is undergoing a \$1.7 million energy efficiency project to retrocommission mechanical systems, and to perform upgrades to lighting and water fixtures, the building envelope, and mechanical system controls.

STUDENT INVOLVEMENT ✓

- In 2012/2013, students submitted proposals to the **Kless Revolving Energy Loan Fund (KRELF)** totaling over \$198,000. Projects funded include insulation for energy conservation in the Lommasson Center, recycling bins and a pedal-powered PA system in the UC, retrofitting HVAC units at the Student Recreation Center, the EcoRep program, and Missoula College's UM Solar Car/Shell Eco-Marathon Entry.
- With the support of the Climate Change Studies program and the ASUM Sustainability Center, 2012/2013 saw the re-emergence of a **residence hall-focused sustainability advocate program**. This year's **EcoReps** coordinated educational programs for their peers on topics like local food and agriculture, alternative energy, recycling, and UM's climate action plan.
- 5 student interns with the Governor's energy intern program completed projects with Facilities Services.

TRANSPORTATION ✓

- ASUM Office of Transportation (OT) was awarded a Department of Environmental Quality Clean Diesel Grant that will assist in replacing all of UM's refurbished buses with new, state-of-the-art 35' clean burning and quiet diesel buses. This will greatly improve the transit experience for UM students and our neighbors.
- To encourage biking to campus, ASUM OT has installed a number of bike pumps and new bike racks around campus and has continued to increase the presence of the Bike Ambassadors.

CURRICULUM ✓

- In fall 2012, UM's Sustainability Coordinator and the ASUM Sustainability Coordinator taught a 3-credit course titled "**Sustainability Evaluation & Monitoring**." Students participated in researching UM sustainability initiatives and metrics as outlined by AASHE's STARS tool. UM will be submitting our final STARS later this year.
- Student interns in the ASUM Sustainability Center conducted a **cross-campus faculty survey** to identify courses and research that are sustainability focused and related. The data collected with the survey will contribute to UM's final STARS score and a directory of sustainability courses for student and faculty reference.
- Upon establishing a School of Business Administration-specific sustainability team, SoBA faculty began developing a "**sustainable business**" **certificate**. New courses exploring sustainability in a business and marketing context will be offered through the SoBA in fall 2013.
- Green Thread faculty development workshop was held for the third time and drew applicants from universities around the region.
- Missoula College's Energy Tech and Carpentry Programs continue to instruct students on green building and energy systems.

ENGAGEMENT ✓

- Climate Change Studies coordinator, Nicky Phear, coordinated **2 Campus Climate Conversations** in 2012/2013, bringing together administrators, students, faculty, and staff to deliberate UM's commitment to carbon neutrality, sustainability in the curricula, and sustainability-related decision-making at UM.
- In 2011/2012, student leaders at UM and MSU developed the **Smart Buildings Initiative (SBI)**, a resolution that makes explicit the MUS's prioritization of energy efficiency and conservation projects. At UM this resulted in the hiring of an energy manager and the purchase and installation of smart meters across campus.