



Facilities and Services

Office of Sustainability

2011 Annual Report

Live, Learn and Thrive



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Wait! Wait!
Don't print me!

Go Aggies! Go Green!

2011 was a fruitful year for sustainability at NMSU. With the development of the [Manager of Environmental Policy and Sustainability](#) position within Facilities and Services (FS) on July 1, 2010 and the accompanying [Office of Sustainability \(OoS\)](#), the university is better equipped to successfully drive sustainability initiatives in collaboration with university and community partners.

The following report covers activities and accomplishments related to sustainability for the 2011 calendar year. Each section of the report describes a different area of focus. The Office of Sustainability either supported or collaborated with each department or organization outlined in this report to help facilitate the implementation of sustainability programs or projects. However, please note that these

initiatives do not illustrate the totality of sustainability measures being executed at New Mexico State University and its branch campuses.

Outlined below is a list of the major accomplishments for 2011 in regard to social, economic, and environmental sustainability.

Major Accomplishments in 2011

- A **5% reduction** in GHG Emissions from 2010 to 2011
- Construction of seven LEED (Leadership in Energy and Environmental Design) buildings (5 Gold, 2 Silver)
- A **6.2% savings** in energy use from 2010 to 2011
- Bronze rating on the [AASHE STARS](#) (Association for the Advancement of Sustainability in Higher Education, Sustainability Tracking, Assessment & Rating System) report
- Over **\$52,273.62** in rebates from El Paso Electric for energy-saving lighting retrofits
- **2.06 million gallons of water saved** by converting one acre of land from turf to xeriscape
- Fifth place in the RecycleMania Grand Champion Competition out of 638 universities (66.78% diversion rate)
- Partnerships with the eight Colleges for the "Sustainability Awareness Campaign"
- An annual estimated savings of **\$26,880** in university-wide paper purchasing from Office Max
- **President's signature on the Sustainability Council Business Plan**
- Creation of a sustainability position in ASNMSU



Letter from the Sustainability Manager

Many of you on campus have heard me say that “I have the best job on campus.” Before I explain such a claim, perhaps a bit of background is in order. My first degree is in Interior Architecture from Arizona State University. My career began in Arizona doing spaceplanning for government offices as well as planning and design for higher education and medical facilities. In 1986, I discovered another part of nature – naturopathy and in 2003 received my degree as a Naturopathic Doctor. I moved to Las Cruces in 1994 and in 2005 became a Design Project Manager in Facilities and Services.

When the US Green Building Council (USGBC) Chihuahuan Desert Chapter began in 2007, I became an active volunteer, chairing the Education Committee, the Advocacy Committee, and working on the original Regionalization plan as well as being a representative for the West Regional Council. In 2008 and 2009, I went to Washington, DC as an advocate for green building design and met with Senators and Representatives from New Mexico. I also volunteered at NMSU on the Sustainability and Climate Change Task Force as Outreach Committee chair. My passion for the environment, driven by a life-long interest in camping, hiking and the outdoors, then translated into the position of Manager, Environmental Policy and Sustainability in Facilities and Services at NMSU in July 2010. I am now fortunate enough to have blended



Joni Newcomer, LEED AP, ND, is the Manager of Environmental Policy and Sustainability

all of my interests into one opportunity to be able to foster connecting people community-wide in the belief that our planet should be treated with love and care to ensure that the resources and natural beauty we enjoy today are available for many generations to come.

Tangible projects, cost-savings and achievements aside, arguably the most significant objective of the Office of Sustainability is to champion sustainability awareness with the intent of changing how people act toward the environment. Accordingly, some of **my greatest pleasures are when people have that “ah HA!” moment, when they understand their impact on the planet and change their behavior.** More importantly, teaching how sustainability, by definition, is cost effective is a large part of my role.

In closing, this first Annual Report is a tribute to all those involved in the environmental efforts on campus and in the community who have helped tremendously to achieve the goals and ideals presented here. Many thanks are due to all of the people who have supported sustainability efforts, not least of which are our volunteers who have contributed countless hours of time and energy.



The Manager of Environmental Policy and Sustainability speaking to a class at Doña Ana Community College

A stylized, handwritten signature in black ink.

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As an advocate for USGBC, Joni Newcomer [sic] met with Senator Tom Udall in Washington, DC in September 2009 to advocate for green building design

History of Sustainability at NMSU ³

New Mexico State University has been focusing on issues of sustainability since its development into an agricultural college in 1890. Over the last century, NMSU has participated in a diverse assortment of sustainability research, focusing on aspects such as environmental management and natural resource protection.



LED lighting installed on Geothermal Drive in 2010 reduces energy consumption and cuts energy costs

As we move into the 21st century, sustainability has taken on an even greater priority at NMSU. On April 17, 2007, NMSU President Michael Martin signed the [American College and University Presidents' Climate Commitment](#) (ACUPCC), agreeing to reduce and ultimately neutralize all of the university's global warming emissions, and accelerate research and educational efforts to help stabilize the earth's climate. We created a Climate Action Plan in 2009, which included topics such as green renovation and construction, sustainable purchasing, and energy conservation.

The NMSU Energy Task Force had its beginnings in 2004. It was reorganized as the Sustainability Climate Change Task Force in 2007 and was delegated to create a comprehensive sustainability action plan for the university. Also, by signing the ACUPCC, NMSU agreed to complete

yearly comprehensive [greenhouse gas emissions inventories](#) in order to measure the university's climatic impact. In 2007, New Mexico Governor Richardson passed an executive order that all state agencies would build to LEED (Leadership in Energy and Environmental Design) Silver standards for all new buildings, as designated by the US Green Building Council.

By 2008, student involvement in sustainability initiatives increased with the creation of the OASIS class in the College of Agricultural, Consumer and Environmental Sciences (ACES), which would later be named OASIS, [Organization of Aggie Students Inspiring Sustainability](#), as a student organization. That year, OASIS hosted the first city-wide Earth Day event in collaboration with the City of Las Cruces, and has continued to host the event each year since then. NMSU also started participating in the annual [RecycleMania](#) competition in 2008, placing fifth in the Grand Champion competition in 2011,



The student group OASIS and other organizers of the 2009 World Café event

demonstrating the university's overall commitment to landfill reduction.

By 2009, sustainability moved to the forefront of NMSU. Interim President Waded Cruzado signed the [Talloires Declaration](#) of the Association of University Leaders for a Sustainable Future, and declared 2009 the "Year of Sustainability" at New Mexico State University, challenging the NMSU system to achieve 12 environmental goals throughout the year. Short-

ly thereafter, the Sustainability Climate Change Task Force was restructured into the all volunteer [Sustainability Council](#), which would facilitate sustainability goals. In order to address social, econom-

*2009 was declared the
"Year of Sustainability"
at NMSU*

ic, and environmental issues related to sustainability, the student group OASIS, with financial support from the Office of the President, planned and hosted the very successful World Café networking event that brought together diverse groups across campus and the local community. The university community responded by examining current practices, setting goals for sustainability, and organizing events, meetings, and celebrations.

The following year in July 2010, Facilities and Services (FS) would partially fund the position of [Manager Environmental Policy and Sustainability](#) with savings recouped from new efficiencies in operations. This position manages the newly created Office of Sustainability (OoS), which is designed to work in collaboration with the Sustainability Council. The OoS began hiring a part-time student employee in spring of 2011 to assist in its initiatives.



The Sustainability Council Chair being 'recycled' by fellow Sustainability Council members

Go Aggies! Go Green!

Mission Statement

To act as a resource for the NMSU community to develop a common vision of sustainability through innovation, education, and action.

2011 Goals

1. Educate NMSU community about local and global environmental issues and topics
2. Develop a model for sustainability initiatives
3. Reduce energy costs and use on campus
4. Complete AASHE STARS* report

* Association for the Advancement of Sustainability in Higher Education, Sustainability Tracking Assessment Rating System

Core Values

- Respect for humanity and all living things
- Passion for the environment
- Integrity of actions
- Embody an understanding that the natural and built environments are intertwined
- Unity of purpose through collaboration and interaction of ideas



The Manager of Sustainability speaks to Deans and Department Heads for the Sustainability Awareness Campaign in the spring of 2011



Students volunteer with the Office of Sustainability at Aggie Fest Welcome Orientation event in the fall of 2011

Responsibilities

- Maximize the environmental and financial performance of the university
- Infuse sustainability principles into new construction, renovations, and standards
- Integrate sustainability into Facility Operations
- Support conservation and recycling initiatives
- Integrate sustainability into curriculum and co-curriculum
- Use the campus as a laboratory for learning about sustainability
- Advise and be a resource for students engaging in sustainability issues and projects

Curriculum

Building sustainability into the curriculum is crucial for our students. Knowledge about environmental, economic, and issues related to equity will help prepare our students for the challenges they will face as they embark on their career paths. The concept of sustainability is interdisciplinary by nature, and can therefore be implemented into any course dealing with any subject. With encouragement from the Office of Sustainability, New Mexico State University is taking steps to incorporate this knowledge into the coursework so that our alumni can truly be the leaders for a sustainable future.



Photo of O'Donnell Hall taken by Chas McGrath

Course Inventory

One of the twelve goals established during the "Year of Sustainability" at NMSU was to produce an inventory of courses that have an emphasis on sustainability and the environment. Faculty and staff compiled this inventory in 2009. More than 220 courses in 29 of the 60 departments at NMSU were determined to be either sustainability-focused or sustainability-related. The Education and Research committee of the Sustainability Council has been tasked with updating this list and to continue to find more classes that fit into either of these categories.

NMSU has more than 220 courses dealing with sustainability

Sustainability Memorial

On February 19, 2011, the NMSU Faculty Senate unanimously passed proposition 08-10/11A, a [Sustainability Memorial](#) led by Professor David Boje, to recognize the new Office of Sustainability at NMSU and support the plans and goals of the [Sustainability Council](#). With the passage, the Office of Sustainability may now request the Senate President to have a senator be an official representative on the Sustainability Education and Research Committee and/or the Executive Committee of the Sustainability Council.



Pictures (from left to right): Student group OASIS discusses the Sustainability Film Series; the Sustainability Manager presents to the DACC Summer Architecture Camp; an Engineering student explains solar technology to students during a MESA (Math, Engineering, and Science Achievement) field day



Sustainability-Related Majors

- [Conservation Ecology](#): interdisciplinary major and minor (Colleges of Arts and Sciences and Agricultural, Consumer and Environmental Sciences)
- [Sustainable Development](#): supplementary major and minor (College of Arts and Sciences)
- [Environmental Science](#): major (College of Agricultural, Consumer and Environmental Sciences)
- [Renewable Energy Technologies](#) and [Environmental Management](#): minors (College of Engineering)

Go Aggies! Go Green!

Research

Solar Research

[Southwest Technology Development Institute \(SWTDI\)](#) is a research center within the Klipsch School of Electrical and Computer Engineering at NMSU. The engineers of SWTDI work on many different aspects of applied engineering in the field of **photovoltaic (PV) solar energy systems**. SWTDI's major activities include:

- Operate and manage the Solar America Board for Codes and Standards (Solar ABCs)
- Perform engineering field tests of PV systems around the country
- Assess system performance and code compliance for **Sandia National Laboratories**, for many of the nation's utility companies, and for private industry
- Deliver professional training workshops to electrical inspectors, PV system installers, and policy makers
- Design, build, and install research-grade monitoring instrumentation that is used by public and private clients to monitor and troubleshoot PV systems from small, residential scale to the largest, multi-megawatt plants in the country



Solar panels outside the Campus Health Center provide approximately 25% of the energy needed for the building as well as provide shade for the parking lot.

Renewable Energy from Algae

NMSU joined the National Alliance for Advanced Biofuels and Bioproducts in 2010 and is taking part in a US Air Force study focused around Algal Biofuel development. The [Algal Bioenergy Program](#):

- Develops algae cultivation and biomass processing technologies to produce renewable transportation fuels in a sustainable manner
- Examines the entire renewable fuel value chain from energy-efficient algae cultivation to harvesting and extraction, fuel conversion, testing of co-products and techno-economic analysis
- Utilizes non-potable, nutrient-rich municipal and agricultural wastewaters to support algae cultivation
- Reduces consumption of fresh water during algae cultivation

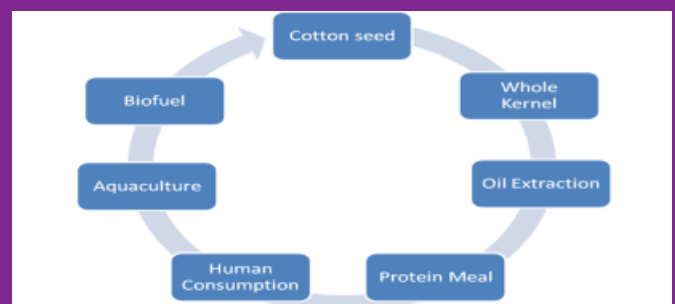


Researchers with the Algal Bioenergy Program study the use of algae as a replacement for fossil fuels

Cottonseed Oil Research

A new variety of glandless cottonseed is being produced at the [NMSU Leyendecker Plant Science Research Center](#) to be used in biofuel production.

- Glandless variety is used for human and aquaculture uses, adding significant value to the crop
- Oil is extracted from the seed, given to the NMSU Dining Services vendor who then uses the cottonseed oil in the fryers, returning the waste oil back to Leyendecker Research Center to make fuel
- This fuel will in turn operate one of the food service catering vehicles and another research vehicle
- Oil has other uses such as chile-flavored oils for cooking and salad oils, leftover meal used for various gluten-free products for human consumption, pet treats and other sources of protein
- Meal is used in a shrimp production operation located at Leyendecker Plant Science Research Center



Student Organizations

There are a variety of [student groups](#) that focus on issues of social, economic, and environmental sustainability at New Mexico State University. The Office of Sustainability has worked closely with quite a few of these organizations by collaborating on events and working to develop valuable leadership skills.

OASIS

The [Organization of Aggie Students Inspiring Sustainability](#) was founded in the spring of 2008. The students organized the first city-wide Earth Day festival and began the first sustainability film series that fall. The club also proposed that Interim President Waded Cruzado promote the [Talloires Declaration](#), having NMSU become a signatory. President Cruzado was so enthusiastic about the presentation she agreed to **sign the declaration, and sponsor the club's request to organize a Sustainability [World Café](#) event.**

Among the top goals of OASIS is to strive to generate widespread awareness of sustainable practices, network within the Las Cruces community (both on and off campus) in order to engage the community and promote green ethics, and focus on agricultural practices, recycling, economic sustainability, community education, awareness and equality.

OASIS held the first city-wide Earth Day in Las Cruces in 2008



Take Back the Tap

Take Back the Tap is a program within [Food and Water Watch](#), a national organization. Kelsey Souza, a member of OASIS, was hired in the fall of 2011 to start developing the program. Kelsey started by tabling and raising awareness, starting a petition in which students and staff pledged to stop using bottled water, and coordinating with the new Sustainability Officer in ASNMSU. A paid position with Take Back the Tap at NMSU still exists in Spring 2012.

ESSO

The [Environmental Science Student Organization](#) is a collegiate and special interest student organization based out of the Department of Plant and Environmental Sciences in the NMSU College of Agriculture, Consumer and Environmental Sciences. **ESSO's purpose is to advance environmental awareness and knowledge at the university and in the community.** The club is committed to participating in community service events on and off campus and extra-curricular volunteer activities that benefit the environment or provide learning experiences.

In 2011, ESSO participated in Keep State Great, Relay For Life, the City of Las Cruces E-Recycle day, Earth Day at Young Park, Toss No Mass, and the spring RecycleMania competition. The club also facilitated Crush Rush, a Sorority recycle competition, and volunteered with MESA (Math, Engineering, and Science Achievement) students for an Environmental Trivia competition at NMSU.



ASNMSU

The [Associated Students of New Mexico State University](#), plays an active role in sustainability initiatives on campus. For example, the [Aggie Shuttle](#), a joint project of ASNMSU and the university's Transportation Department, cut down on the number of vehicles driven on the grounds by providing transportation throughout the Las Cruces campus and to the main campus of [Doña Ana Community College \(DACC\)](#).

ASNMSU also supports the [Aggie Recycling Program](#), under which students volunteer at the Aggie Recycling Center to fulfill their on-campus community service requirements while helping to reduce the landfill impact of NMSU's waste stream.

In August of 2011, ASNMSU created the [Leadership Development and Sustainability](#) position under the Director of Community Outreach. This position focuses on the implementation of leadership development with a concentration on informing the students about sustainably responsible behavior.

ASNMSU created a sustainability position in 2011

Keep State Great

Keep State Great 2011 was held on October 22nd. It was a beautiful Saturday morning out on the Corbett outdoor stage as over 1,500 student volunteers filed in to get registered for the event. These students were a part of over 100 student organizations and volunteered over 3,000 hours of community service that day. From painting curbs, mulching trees, and picking up litter around the NMSU campus, these students did a service to our university that went noticed throughout the community.



Keep State Great Volunteers

Hort Forum



The student group Hort Forum and their advisor

[Horticulture Forum](#) has a mission to help the student body become familiar with horticulture and floriculture on all levels including turf, xeric, and ornamental landscape plants. The club is designed to encourage Horticulture students or any individuals with interest in caring for plants to come together and share ideas, theories, experiences as well as plan events to share their combined knowledge with the community.

As a group, they grow crops in a greenhouse behind Skeen Hall and propagate plants or flowers for plant sales, Earth Day, Renaissance Fair, or simply to gain expertise on what conditions are suitable for a given species. The club strives to share their learned knowledge through community outreach events and to demonstrate such knowledge by volunteering to implement sustainable landscapes utilizing native species of plants for our micro-climate.

Stadium Beautification Project

Horticulture Forum has also worked with the Athletics Department to design and install a perennial garden under the scoreboard in the football stadium. In 2011, twenty volunteers dedicated their time to the project, beautifying **one of the campus'** most viewed gardens. The club was honored for its hard work at the November 12th football game.



Hort Forum being honored at a football game for their stadium beautification project

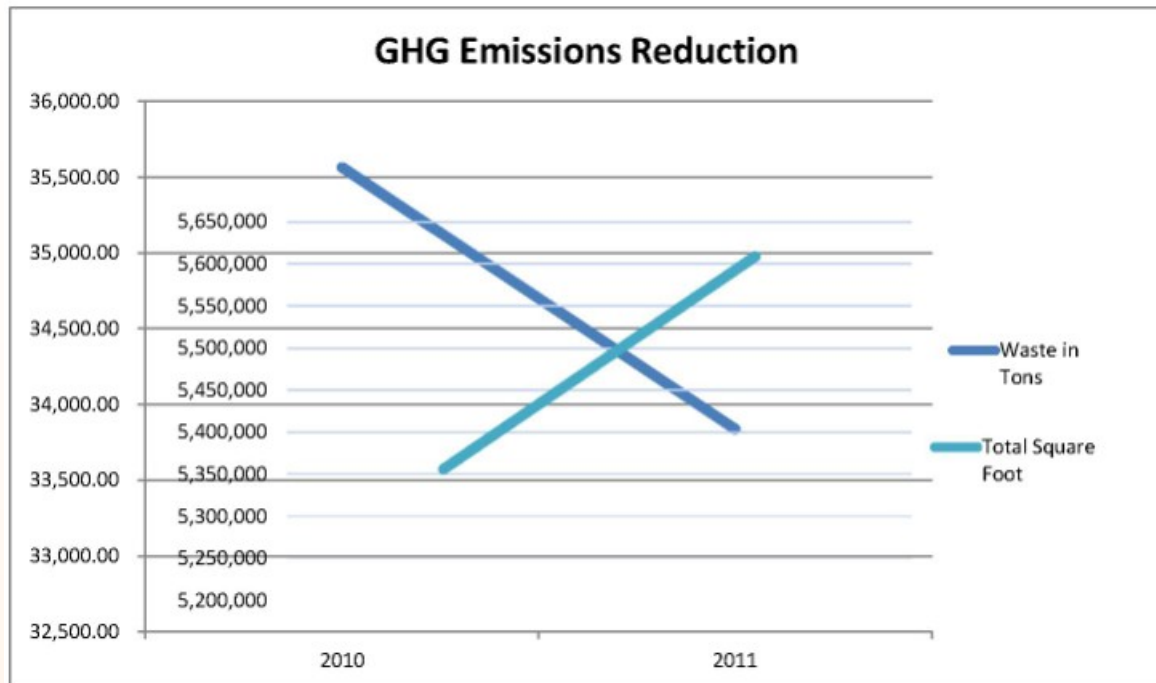
Climate

With the signing of the [American College and University Presidents Climate Commitment](#) in 2007, NMSU made a commitment to initiate the development of a comprehensive plan to achieve climate neutrality by 2050. The [NMSU Climate Action Plan](#) was developed by Facilities and Services in 2009.

In 2008, the baseline inventory of greenhouse gas emissions was completed and the university has been monitoring its levels ever since. Most of NMSU's emissions are from the turbine which generates electricity, and the three boilers which generate heat. From calendar year 2010 to 2011, New Mexico State University's total emissions from the co-generation plant decreased 5% as shown in the table above.

In order to reduce the total amount of greenhouse gas emissions that NMSU produces, the university system has taken a number of different steps as outlined in the NMSU Climate Action Plan such as implementation of the [Energy Reduction Campaign](#), building to LEED standards, construction of a new Chilled Water Plant, and replacement of old light fixtures with either LED or more efficient [T8-lamp](#) fixtures.

NMSU Greenhouse Gas Emissions



2009 Climate Action Plan Long Term Goals

- Eliminate net greenhouse gas emissions
- Make climate neutrality and sustainability a part of the curriculum and other educational experiences of all students
- Reforestation and sequestration strategies
- Establish a policy of offsetting all greenhouse gas emissions generated by air travel paid for by the institution
- Pursue reasons for disconnect between capital funds and operational funds ("life cycle cost models")
- Complete AASHE STARS report and continue to improve our rating by meeting more and more credits

Co-Generation

About 40% of the electrical power that NMSU uses is generated in-house at the OFS [Central Utility Plant \(CUP\)](#). Electricity from the CUP is generated by a co-generation, natural gas fired turbine. The excess heat from the exhaust of the cogeneration turbine (stationary jet engine) is captured and used to generate steam which is then distributed throughout campus, basically producing two forms of energy from one.

In 2011 NMSU began construction on a new Chilled Water Plant. More will be reported on this in 2012.



The Central Utility Plant is where campus utilities are managed

Buildings

LEED Buildings

In 2006 the Governor of the State of New Mexico signed an [Executive Order](#) that requires all Executive Branch state agencies, including the Higher Education Department, adopt the [US Green Building Council's Leadership in Energy and Environmental Design \(USGBC LEED\) Rating System](#).

LEED is transforming the way built environments are designed, constructed, and operated. Developed by the US Green Building Council in 2000, LEED provides building owners and operators with a framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions.

LEED certification provides independent, third-party verification that a building is designed and built using

strategies to achieve high performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

NMSU built its first LEED certified building in December of 2009. Throughout 2011, there were two LEED Silver and four LEED Gold buildings at New Mexico State University and its constituent campuses that were built or renovated based on LEED standards, with ten more in line to be certified in 2012-2013.

"If you start the process early, with an educated team, you can [build to LEED] for not a penny more than conventional construction."

—Rick Fedrizzi, USGBC



The Football Coaches Office Building is certified LEED Silver by the US Green Building Council



Alamogordo Allied Health Building was the first NMSU building to be LEED certified



DACC East Mesa Campus Auditorium is certified LEED Gold by USGBC

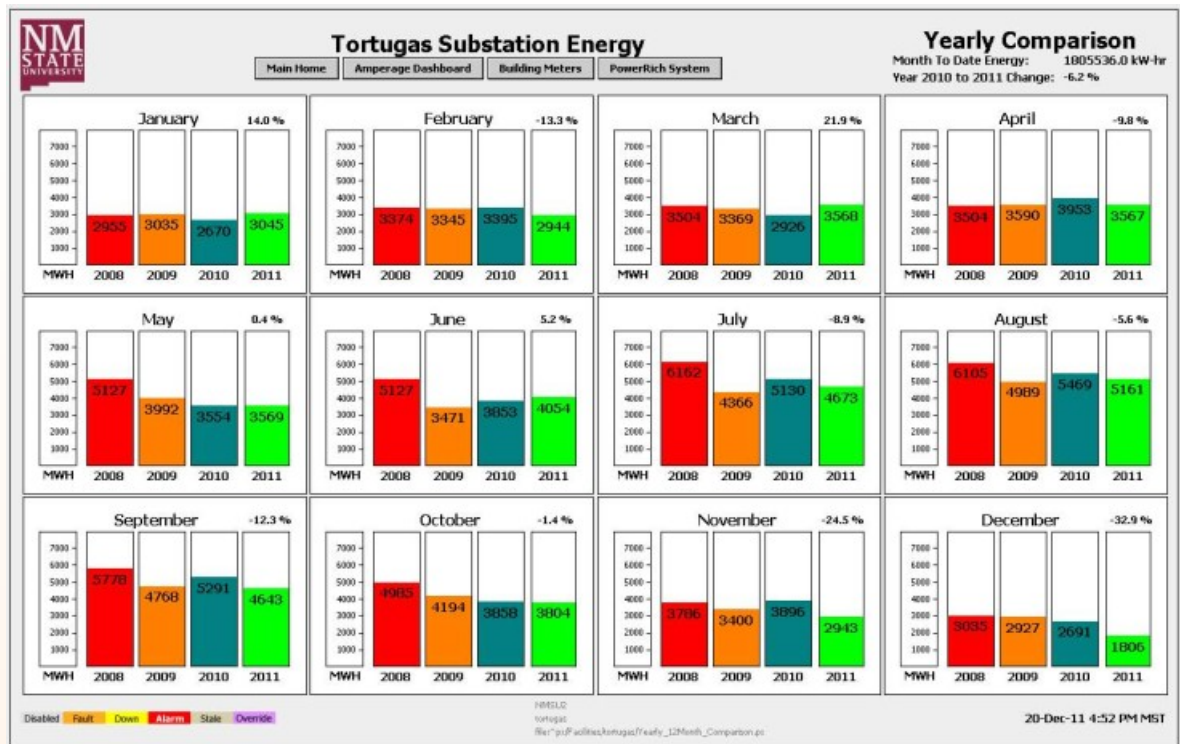
NMSU LEED Certified and Registered Buildings - May 2012							
Project Name	City	LEED System Version	Points Achieved	Cert Level	Registration Date	Certification Date	Architect
Alamogordo							
Advanced Technology Center	Alamogordo	LEED NC 2	40	Gold	2/11/2009	8/1/2011	Williams Design Group
Health Sciences Center	Alamogordo	LEED NC 2.2	40	Gold	9/17/2007	12/17/2009	Williams Design Group
Carlsbad							
Allied Health Building	Carlsbad	LEED NC 2.2			2/13/2009		NCA Architects
DACC							
East Mesa PH 6 and 7	Las Cruces	LEED-NC v2009			1/4/2010		Williams Design Group
East Mesa Phase 5 Auditorium	Las Cruces	LEED NC 2.2	43	Gold	3/11/2008	2/18/2011	Studio D
Gadsden Center Remodel and Addition	Anthony	LEED NC 2.2	39	Gold	11/27/2008	11/18/2011	Alley Associates
DACC Hatch Center	Hatch	LEED-NC v2009			1/4/2010		ASA Architects
Grants							
NMSU Grants Library Renovation	Grants	LEED CI 2.0			11/28/2008		Figueroa McInteer Arch.
Main Campus							
Addition to NMDA	Las Cruces	LEED-NC v2009			12/7/2010		Studio Southwest
American Indian Student Center	Las Cruces	LEED-Schools 2.0			6/4/2008		WH Pacific
Auxiliary Services Building and Barnes & Noble	Las Cruces	LEED-NC v2009			10/27/2009		Antunovich Associates
Center for the Arts	Las Cruces	LEED NC 2.2			8/19/2008		Holzman Moss Bottino
Chamisa Village Phase II	Las Cruces	LEED-H 1.0	73	Gold	1/29/2010	5/9/2012	Steinberg Architects
Football Coaches Office	Las Cruces	LEED NC 2.2	36	Silver	11/25/2008	8/18/2010	Studio D
Gardiner Hall	Las Cruces	LEED NC 2.2	35	Silver	3/10/2008	3/16/2011	Studio Southwest
Health and Social Services Annex	Las Cruces	LEED NC 2.2			10/2/2007		The Design Group
Institute for Public Policy	Las Cruces	LEED-NC v2009			3/1/2012		Van Gilbert Architects

Go Aggies! Go Green!

Monitoring and Measuring

In order to monitor and measure the energy performance at New Mexico State University, Facilities and Services uses the Niagara energy management system. The system allows us to monitor and analyze energy consumption for electricity, chilled water, steam, and gas at our Central Utility Plant on a 24-hour basis. All of these metrics are incorporated into a "Utility Dashboard" designed by NMSU Energy Management Systems Manager Pat Chavez (see chart to right).

We meter all university-purchased power from El Paso Electric. We track this using our Niagara system for 100% of the buildings. We use electrical sub-meters for 60% of our buildings which allows us to determine how the power is being distributed as well as metering domestic water use that we pump out of our wells.



In 2011 the university reduced energy consumption by 6.2% kWh, as shown on the chart above

Energy Management Optimization Design

NMSU has energy systems that are unique. Chilled water pump by-pass system was custom-designed by our Energy Management Systems Manager. It is a chilled water pump "by-pass piping design" that allows for free-flow operation when our Central Utility Plant pressures are sufficient to flow the building without the need to operate booster pumps, saving electrical consumption.

Energy Systems has a Master Global Occupancy Schedule that is used for a staged shut-down of the campus mechanical systems to allow for stabilization during the transition to unoccupied periods. The same staging is in effect for system start-up which gives us the ability to limit peak demand draw on electrical and chiller systems reducing the impact of excessive energy demand.

In addition to the above, we have moved to a "load demand-based" temperature set-back control strategy instead of outside air temperature reset control strategy. Air is run to individual rooms according to the feedback from our occupancy monitors. We are using this system on approximately 5% of the buildings on campus and designing more each day.

Energy-Saving Initiatives



New Mexico State University receives rebates from El Paso Electric (EPE) for updating infrastructure to reduce energy consumption. The El Paso Electric SCORE Plus Program provides financial incentives to help pay for energy saving projects, such as installing efficient lighting, HVAC, and roofing. CLEAResult Consulting, Inc., a company subcontracted by El Paso Electric to implement the Score Plus Program and energy efficient measures, has been working with NMSU since 2010. Since NMSU started participating in the program, we have received a total of 10 rebates. The rebates are based off of the amount of energy saved after the upgrade. Shown below is a list of lighting retrofits at NMSU and their associated rebate amounts.

From left to right: Greg Block, Billy Massie, and Dale Harrell are holding a rebate check from EPE for the 2011 Activity Center lighting retrofit. Photo by Beth Sittler at the Las Cruces Bulletin



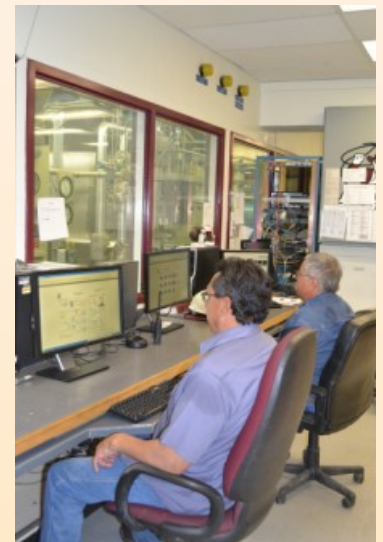
Before and after images of the lighting retrofit in the Activity Center weight room, which reduces energy costs, improves indoor lighting, and provides a monetary rebate from El Paso Electric

Energy-Saving Projects that Qualified for EPE Incentives

Project Location	Measure	kWh	Incentive
Chamisa Village G & H Bldgs.	Lighting Retrofit	190197	\$13,313.79
Corbett Center	Lighting Retrofit	20176	\$1,639.79
Jet Hall CR 103 & 204	Lighting Retrofit	7988	\$559.16
Jet Hall-hallway	Lighting Retrofit	12920	\$904.40
NMSU Chamisa Village	Lighting Retrofit	229424	\$11,328.47
NMSU Cole Village	Lighting Retrofit	54346	\$1,902.11
NMSU RGH Dorms	Lighting Retrofit	147939	\$9,129.62
NMSU RGH Hallway	Lighting Retrofit	9063	\$732.46
NMSU Student Activity Center	Lighting Retrofit	189258	\$11,679.91
NMSU Warehouse	Lighting Retrofit	13408	\$1,083.91
Total Incentives from El Paso Electric			\$52,273.62

Facilities and Services Energy-Saving Projects

- Replaced incandescent house lights in Hershel Zohn theater area and lobby with dimmable LED floods
- Upgraded light fixtures in Music Bldg. Band Room and Choral Room from T12's to T8's; track lights were retrofitted with LED's; upgraded lighting in all corridors and bathrooms
- Replaced old metal halide lamps in outdoor flood lights in Zuhl Library canopy with LED lamps; installed occupancy sensors in 2nd and 3rd floor stacks to turn off lights when no one in aisle
- Switched out old HVAC motors with new variable frequency drive motors using less power
- New Elastomeric coating on Garcia Hall saved energy through 30% less cooling/heating costs and a **rebate of \$11,000**
- Insulated steamlines in tunnel system reducing heat loss and lowering energy costs
- New controls turn off hot and chilled water pumps during the day to run at night with lower energy rates
- Steam traps were replaced keeping condensate in the system to save water at the plant



Operators in the Central Utility Plant

NMSU has developed a recycling program to comply with the State of New Mexico's mandate for all institutions of higher education to divert 25 percent of their waste. [Aggie Recycling](#) is an integrated solid waste management program focused on **The Three R's (Reduce, Reuse, and Recycle)** and improved handling of campus-generated solid wastes.

Housing

[NMSU's Housing and Residential Life](#) began curbside recycling in the fall of 2011. Art Lucero, Manager of Solid Waste, Recycling, and Custodial Department, managed the program to distribute 300 curbside recycling bins at Tom Fort and Sutherland Village single-family housing neighborhoods. Since then, recycling containers have been distributed throughout the remaining campus housing sectors on the southwest side of campus. There will be a big Recycling Kick-off for fall 2012 in all freshman housing locations.



"Mr. RecycleManiac"

RecycleMania

[RecycleMania](#) is a friendly competition and benchmarking tool for college and university recycling programs to promote waste reduction activities to their campus communities. NMSU has been among the top five winners of RecycleMania for the last four years. The student group ESSO takes a proactive role in the competition by tabling, advertising, holding events, and educating the campus community about the **importance of waste reduction** and recycling. During the 2011 competition, students within the Art Department created "Mr. RecycleManiac", a life-size man made out of recycled aluminum cans. NMSU placed fifth out of 638 schools that same year. We diverted 66.87% of our solid waste during RecycleMania 2011.



NMSU placed 5th in the Grand Champion category of RecycleMania in 2011, with a diversion rate of about 66.87%.



One of the 140 ClearStream recycling bins located on campus. ClearStream bins are for plastic #1 and aluminum cans only.



The student group ESSO tabling for RecycleMania.

Paper Reduction

Financial Systems Administration (FSA) has an internal policy that printer settings are defaulted to print double-sided on printers with this capability. The Office of Sustainability encourages people to [print double-sided](#) when printer default settings are not available and encourages people to print on the reverse side of previously printed paper whenever possible.

The Purchasing Office now encourages that Request for Proposals (RFP) responses are in CD or PDF format instead of in print form, saving a tremendous amount of paper. The RFP gives the choice of submitting on CD or a PDF. They are now allowing responses on the online bidding system which also saves paper.

NMSU has greatly reduced its paper purchases!

- Average monthly paper purchase from Office Max in 2011 was \$6,603
- Average monthly paper purchase for the first five months of 2012 was \$4,363

Annual Estimated Savings: \$26,880

"We at IT Support really believe in recycling and the sustainability effort, and we encourage others to join us in that effort." --Abel Sanchez

Hazardous Waste

The Office of Environmental, Health and Safety (EH&S) is responsible for facilitating university safety and to reduce environmental pollution by implementing programs that serve the students, employees and clients within the state.

EH&S office picks up for free any [hazardous materials](#) on campus. They contract with a number of different EPA-permitted companies that have been pre-qualified through an extensive purchasing review.

Recycling Map

Starting in 2011, the Recycling Department and Geography Department are creating a GPS map of recycling bins on campus. We now have approximately 40% of the buildings mapped for Recycling Collection Points. This will be complete in 2012.

Re-Pete Program

The Office of Sustainability encourages waste reduction by reuse of items of all kinds. The [Re-Pete program](#) was started by Abel Sanchez, Director of Computer Support for NMSU Research Information Technology Support. The purpose of Re-Pete, the NMSU property and services exchange marketplace, is to reuse university equipment before it ends up in surplus, where it is often sold for less than its value. "Re-Pete is

a green initiative," Abel Sanchez said. "We at IT Support really believe in recycling and the sustainability effort, and we encourage others to join us in that effort."



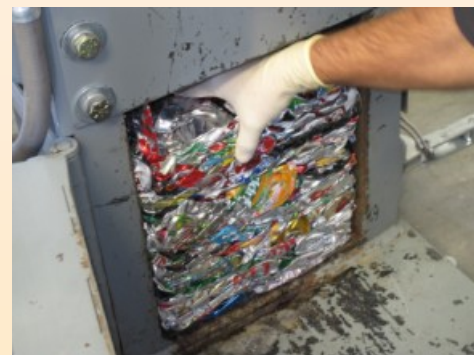
Most of NMSU has multi-stream recycling, meaning that materials must be sorted before disposal



Styrofoam containers saved from landfill by switching over to reusable to-go containers



Employees with Aggie Recycling sort recycled items before hauling them to be recycled



A 20 lb cube of about 600 compressed aluminum cans

Green Programs

Dining Services

On July 1, 2011 Sodexo Campus Services became the new food service provider at New Mexico State University and agreed to continue the reusable "to-go" container program that was initiated by Aramark in December 2010 for every student with an NMSU meal plan. The program successfully eliminated about 1500 Styrofoam® to-go containers from the landfill and reduced the overall amount of daily waste generated by Taos Restaurant visitors.



Aramark started the reusable container program at NMSU



Jay Rodman and Wendy Wilkins during unveiling of new reusable to-go container

Sodexo Campus Services also sells reusable mugs, offering discounts when mugs are returned for refill at any of the food venues. They also strive to provide healthier food options by offering vegetarian, vegan, and gluten free options and they use only zero-trans-fat oils in their fryers. They recycle their used fryer oil with a local company, who then converts it into a bio-fuel.

Some of these initiatives are part of the [Sodexo Better Tomorrow Plan](#) and a personalized plan they have designed to support sustainability at NMSU.

Green Cleaning

In 2011, the Custodial Department developed a Green Cleaning Policy that aims to **reduce the overall impact of cleaning on health and the environment** by developing:

- Cleaning procedures
- Chemical handling and tracking requirements
- Equipment maintenance and operations procedures
- Communication protocols and requirements
- Training and inspection programs
- Reporting and record-keeping procedures

The [Green Cleaning program at NMSU](#) has gone above and beyond just purchasing green cleaning products. Our Custodial Department's Green Cleaning Program is using microfiber technology in all of our Institutional and General Purpose (I&G) facilities.

This program is also a **water conservation** initiative. We are replacing string mops and buckets with new microfiber flat-mops, thus eliminating the use of water by not filling up the mop buckets. With Advanced Microfiber System (AMS), we will be able to clean better, increase worker safety, reduce chemical and water usage, and increase productivity as well as **lowering our total costs**.



The New Mexico State University Cleaning Policy also sets purchasing standards for disposable paper products and trash bags, where such items must meet [Green Seal Certification](#). For example, hand soaps may not contain antimicrobial agents except where required by health codes or other regulations.

Grounds

Xeriscaping

The landscaping at NMSU is managed by the [Grounds Department](#) in Facilities and Services. Because NMSU is in a high desert transition zone where temperatures can fluctuate between 30-40 degrees during any fall or winter day, xeriscape landscape techniques are used. Xeriscaping is the use of indigenous plants to reduce or eliminate the need for supplemental water for irrigation.

Composting

The NMSU composting program encompasses the composting of all plant material harvested from mowers and tree and shrub trimmings. NMSU has a 2-acre composting facility that makes approximately **300 tons of compost a year**. Once composted, all of the product is reapplied on campus to turf and shrub beds. We are currently discussing the use of food waste in our composting program.



The landscaping outside of the Health and Social Services Annex building uses xeriscaping that conserves water

By switching from turf to xeriscaping on 1 acre in 2011, we saved 2,063,704 gallons of water over a 38 week watering period.

Integrated Pest Management

In an effort to comply with Occupational Safety and Health Administration (OSHA) and NMSU Environmental Health and Safety Policies, NMSU Grounds Department has developed an IPM plan. It is the policy of the Grounds Department to achieve long-term, environmentally-sound pest suppression through the use of a wide variety of technological advances and management practices. Pests will be managed in order to reduce any potential human health hazard, to protect against a significant threat to public safety, to prevent loss of or damage to university property, and to enhance the quality of life for students, staff, faculty, and visitors.

Wildlife Preservation

NMSU has a Burrowing Owl preservation program that aims to protect this endangered species. The Grounds crew creates nesting sites to replace nests that need to be relocated due to construction on campus.



The Chihuahuan Desert garden east of Foster Hall grows naturally and with zero maintenance

Water



This is an example of stormwater management to the west of Pan American Center

Stormwater Management Program

In 2009 NMSU developed and adopted a Stormwater Management Program (SWMP). The SWMP established a plan to reduce the quantity and protect the quality of stormwater runoff.

SWMP initiatives mitigate stormwater runoff impacts of construction and development. Initiatives include:

- Implementation of Stormwater Pollution Prevention Plan and completion of inspection checklists for all construction activities
- Development of drainage design guidelines for both quantity and quality
- Promotion of Low Impact Development
- Employee training; written "Good Housekeeping" procedures for maintenance shops
- Integrated Pest Management
- Maintenance program for the drainage system, including written procedures for proper disposal of sediment, trash and other debris removed from the system

Infiltration Trenches

NMSU requires that a landscape architect be involved in the site design of projects. Part of the landscape architect's duties is to evaluate drainage patterns and landscaping for the potential use of infiltration trenches. Three projects were in design in 2010: Arts Complex Phase I, Chamisa Village Phase II, and the new Barnes & Noble bookstore. Infiltration trenches were evaluated for all three projects. The trenches and landscaping will be constructed as funding allows. Infiltration trenches will be considered on all future projects.

Water Recharge Basins

Gravel recharge basins are built on both sides of Arrowhead Drive south of Wells Street down to Research Cr. between the road and the sidewalk. These water catchment areas are 2 1/2 feet deep. They return stormwater runoff to the soil rather than conveying it to some point downstream where it has to be dealt with as a stormwater control issue. This helps to replenish the groundwater and keep water on site where it is needed.

Bottle Filling Stations

Our branch campuses are working on sustainability issues for their individual campuses. Grants Community College has installed four bottle filling stations in Martinez Hall. Since they were installed in March of 2011, approximately 8000 bottles have been kept from the landfill according to the counters on each fountain. Carlsbad also has two bottle filling stations.

Waterless Urinals

Doña Ana Community College uses 12 waterless urinals in its Trades

Building on main campus and at Gadsden campus. The custodial staff was trained in the maintenance of the urinals and few problems have occurred since their installation.

A waterless urinal can save on average 30,000 gallons of water a year, so water savings on both campuses can be up to 360,000 gallons per year!



Each person at NMSU uses 31 gallons of water per day on average



Water retention pond at Sam Steele Way Dr. and Union

NMSU Golf Course

The New Mexico State University Golf Course has a computerized system utilized for irrigation control on campus. Since golf courses use a large amount of water we feel that it is of utmost importance to monitor the water use and to not water when it rains.

Transportation

New Mexico State University is made up of about 75% commuters, which poses some challenges for incorporating sustainable transportation methods into the university. Facilities and Services continuously strives to improve the environmental impacts of its transportation fleet.

Transportation and Parking Services (TPS)

- The TPS Office is currently working sustainability initiatives into the Parking Master Plan
- Since 2009 the TPS Office has [reduced the vehicle fleet and rental fleet](#) at NMSU by 23% and as a result [on-campus fuel usage has decreased by 54%](#)
- The University is focusing on purchasing more sustainable vehicles in order to reduce greenhouse gas emissions that contribute to climate change. In 2011, main campus NMSU fleet had [90 electric vehicles](#), 12 B-20 biofuel vehicles, 8 vehicles using E85 ethanol, [2 hybrids](#), and 27 flex fuel vehicles.

NMSU reduced its campus fleet by 23% from 2010 to 2011, thereby reducing fuel usage by 54%



A student volunteer explains how NMSU's Global Electric Motors (GEM) electric vehicle works to students at a Math, Engineering, and Science Achievement (MESA) field day

Aggie Transit

The NMSU [Aggie Transit](#) shuttle is managed by the Associated Students of NMSU (ASNMSU) in partnership with NMSU Transportation and Parking Services and NMSU Information and Communication Technologies (ICT), and the City of Las Cruces Roadrunner Transit System. It is funded by an allocation of student activity fees. Rides are free when you show your student or faculty ID.

[Aggie Transit system experienced a 16% increase in riders from 2010 to 2011.](#) This reduces emissions from vehicles idling and driving around looking for a parking spaces. Parking Lot 30, at the far east end of campus, is free so the OoS encourages people to park here and catch the shuttle.

Bicycling

The Facilities and Services office is working closely with ASNMSU on a transportation plan to install more bicycle racks across campus. The Office of Sustainability, in partnership with the Sustainability Council, hope to get NMSU certified as a "Bicycle Friendly University" by 2013. The Environmental Health and Safety Office has [safety training classes for bicyclists](#) in an effort to increase alternative transportation at NMSU.



There are many accessible bike racks around campus - OoS encourages people to use alternative transportation to lower carbon emissions and maintain health

Alamogordo

- Upgraded from the T12 fluorescent lamps to T8's, which are more energy-efficient
- Using Green Cleaning products to clean their buildings
- Developing strategies for GHG mitigation
- Replacing old vehicles with alternative energy vehicles
- Creating a database for sustainability in the curriculum
- Engaging in community outreach for sustainability
- Installed "recycling centers" in every building and outside several buildings
- Utilizing an energy management program



Grants

- Installed four bottle fillings stations that have kept approximately 8000 plastic bottles from the landfill
- Three of the buildings were remodeled in 2011 to be more sustainable and save energy by adding 6" of insulation, high R-value (thermal) windows, and upgrading lighting
- Recycle plastic and paper fiber, aluminum, copper, brass, and iron go into "laydown" yard
- Four new LED exterior lights on maintenance garage; parking lot lights are on timers
- Motion and infrared lighting sensors in classrooms; dimmable T8's in Title 5 STEM lab
- Reduced fleet of cars from eleven to six, with two being hybrids
- New high-efficiency aluminum boilers in Martinez Hall
- Recycled old roofing material from McClure Hall and then reused in walls for insulation
- Replacing old T12 fluorescent lamps with T8's and CFL's throughout campus



Grants was the first NMSU campus to install a bottle filling station

Carlsbad

- Installed new LED exterior lighting replacing old sodium and mercury vapor lamps
- Upgraded all hallway fluorescent lighting from T12 to T8 lamps
- Using electric utility cart instead of truck on campus
- Making purchase of "Made in USA" products a priority
- Limiting trips to town for parts by ordering online and having delivered to campus
- Installed two bottle filling stations
- Installed "Freestyle" recycled plastic flooring in two classrooms
- Green Cleaning products used in all buildings
- Recycling bins in all buildings



Carlsbad Allied Health Building will be LEED certified in 2012

Doña Ana

- DACC Gadsden and DACC on main campus have 12 water-less urinals
- DACC continues to recycle everything that main campus recycles
- Upgrading from T12 fluorescent lamps to T8's



Planning

- ASNMSU partnership – A partnership began with two students (Jared Dial and Israel Calsoya) from OASIS student group, the OoS, and an ASNMSU member (Abbey Goodin) working on getting a green fee that would go strictly toward sustainability projects on campus sponsored by ASNMSU. In summer 2011 a new ASNMSU sustainability position was created and we continue to work closely with this person on events and outreach to the students.
- Sustainability Council Business Plan – Signed in October 2011 by President Barbara Couture. The Plan was writ-

ten by volunteers from the Council and included new Mission and Vision statements, Core Values, and goals.

Administration

NMSU was published in the [AASHE STARS](#) Bulletin congratulating us on the recently begun [“Red to Green” money management program](#) to help students learn to manage their finances. The program was designed by NMSU students themselves thanks to a grant from the Student Success Office. Red to Green is a requirement for all students that have acquired loans to help pay for college. This program gained us points for the STARS report (for which a Bronze Star was awarded).

Engagement and Outreach

The manager of the Office of Sustainability spoke to many student groups and classes throughout 2011 to educate them on sustainability and the environment and how these ideas can translate into jobs for their future. Some of the groups joni spoke to were:

- [Math Engineering Science Achievement](#) (MESA) is a pre-college program that empowers and motivates New Mexico's culturally diverse students with science, technology, engineering and math (STEM) enrichment.



The Manager of OOS explaining sustainability principles to students in the MESA Program

- Dr. newcomer spoke to the students about what NMSU is doing for sustainability on campus and then showed them the 3 million gallons of chilled water storage under the Central Utility Plant parking lot, explaining how the heating and cooling system works on campus.
- [Regional Alliance Summer Science Institute \(RASSI\)](#) “Reaching the Pinnacle” program hosted its 6th annual program the summer of 2011, offering high school students with disabilities the opportunity to explore the science, technology, engineering and mathematics fields through hands-on activities and projects. The manager of the OoS spoke to the students about recycling, energy, carrying reusable shopping bags, how bad plastic bottles are for the environment, and many other green subjects that got the students engaged in topics about sustainability.
- College of Business (COB): joni newcomer spoke to three classes and the COB Ambassadors to teach them that sustainability topics can be taught in all types of curriculum,

particularly in business.

- The Sustainability Officer for the City of Las Cruces meets monthly with the OoS Manager to discuss how the City and NMSU can work together on environmental projects
- The Office of Sustainability is a member of the [Green Chamber of Commerce](#)
- Outreach tabling events: Earth Day, Take Back the Tap, America Recycles Day, Aggie Welcome Orientation, Move-in Day, and RecycleMania



Tabling with students to promote the RecycleMania competition

- The Sustainability Awareness Campaign was begun in the summer of 2010. The Manager of OoS met with eight of the deans across campus to discuss ways to be more sustainable in their respective colleges. The manager introduced the “Energy Reduction Campaign” (i.e., turning off office lights, classroom lights, and unoccupied rooms as well as computer monitors and peripherals). We discussed the importance of the Three R's, reducing paper use through double sided printing or creating PDF's, environmental awareness, student groups, and the benefits of behavioral changes.

The Sustainability Council creates and supports an environment of sustainable practices for students, faculty, staff, and NMSU stakeholders. This volunteer council, which is made up of faculty, staff, students, and community members, is committed to education, research, operations and engagement that build an economically, ecologically and socially sustainable campus and community.



Students, faculty, and staff discuss project ideas after a Council meeting

Committees

- Education and Research (ER) ensures that sustainability is infused throughout curriculum and co-curriculum to give each graduate of NMSU multiple perspectives for dealing with sustainability-related challenges. The ER committee will also work to identify and support sustainability-related research by NMSU faculty.
- Operations (OP) has a large role in greening all NMSU campuses including involvement in climate, grounds, waste management, dining services, buildings, purchasing, and transportation.
- Planning Administration and Engagement (PAE) works to institutionalize sustainability at NMSU through coordination, incorporating environmental action into campus plans, and developing further plans to move toward a green campus. PAE helps NMSU organize, implement, and publicize green initiatives, providing the infrastructure that fosters sustainability within an institution.



City Counselor Gill Sorg speaks at one of the Sustainability Council meetings

Mission Statement

The Sustainability Council will facilitate and support sustainability goals system-wide and in partnership with local communities.

Vision Statement

To be leaders in sustainable operations, education, and research; to be a resource and inspiration for future generations.

Core Values

- Respect for humanity and all living things
- Understanding that the natural and built environments are intertwined
- Unity of purpose through collaboration and interaction of ideas
- Pride in our heritage with consideration for the future
- Integrity of actions
- Passion for sustainability

Accomplishments to Date

- Received the president's signature and approval of [Sustainability Council Business Plan](#)
- Completed [STARS Report](#)
- Elected chairs of the three committees and the chair of the Council
- Increased attendance in Council meetings
- Provided educational speakers on many diverse sustainability topics
- Engaged the community through outreach



The committee that wrote the Business Plan for the NMSU Sustainability Council

American College and University Presidents' Climate Commitment (ACUPCC)

NMSU agreed to do the following when President Michael Martin signed the [ACUPCC](#):

1. Initiate the development of a comprehensive plan to achieve climate neutrality as soon as possible
2. Initiate two or more actions to reduce greenhouse gases while the more comprehensive plan is being developed



AMERICAN COLLEGE & UNIVERSITY
PRESIDENTS' CLIMATE COMMITMENT

NMSU developed a Climate Action Plan in 2009 in response to becoming a signatory of the ACUPCC

3. Make the [Climate Action Plan](#), inventory, and periodic progress reports publicly available by submitting them to the ACUPCC Reporting System for posting and dissemination
4. In recognition of the need to build support for this effort among college and university administrations across America, we will encourage other presidents to join this effort and become signatories to this commitment

We have completed the first three steps and continue to work on item four.

Sustainability Tracking, Assessment & Rating System (STARS)

[STARS](#) is a transparent, self-reporting framework for colleges and universities to measure their sustainability performance. STARS was developed by [Association for the Advancement of Sustainability in Higher Education \(AASHE\)](#) with broad participation from the higher education community. The mission of STARS is to empower higher education to lead the sustainability transformation.

What is STARS?

- A **guide** for advancing sustainability in all sectors of higher education
- A common **standard of measurement** for sustainability in higher education that creates incentives for continual improvement toward sustainability with broad participation from the campus sustainability community
- A tool that promotes a comprehensive understanding of sustainability that includes its **social, economic and environmental** dimensions
- STARS provides a venue to share **best practices** and learn from other institutions
- Build a stronger, more diverse campus sustainability **community**



Looking Forward

Environmental Education Center (EEC)

Opening the fall of 2012 in Regents Row Mitchell Hall, will be the new location of the Office of Sustainability as well as the Environmental Education Center. The EEC will be the destination on campus to find out about greening your life on campus and in your personal life. The Center will be constructed using sustainable products such as Cradle to Cradle carpet, zero VOC paint, low-flow water faucet, and LED lighting. There will be an LED monitor to watch webinars on sustainability. The EEC will host workshops on the environment, educational sessions for “greening your office” and be open to anyone wanting to have a meeting relating to the environment. It will be open to the public and NMSU community.



The new location for the Office of Sustainability and Environmental Education Center



AASHE STARS

As previously noted in this report, we received a Bronze rating for our STARS report (v1.1) in 2011. We registered to complete the next version (1.2) to include the things we accomplished after the completion of the report. We are adding research and curriculum credits as well as additional credits for our operations.

Sustainability Council

The Council has been run by NMSU staff since its beginning. September 2012 will bring a new chair from the faculty who will run the Council for the next two years. The STARS report will be



A student from Hort Forum presents a sustainability project to the Sustainability Council

submitted around the same time as the new Chair takes their post, so expect new and exciting things to happen in the Council. We encourage all to come and join the fun!

Student Internships

Creating an internship program for sustainability-minded students will be a new and inspiring way for students to connect to the Office of Sustainability and learn about greening their lives and learning leadership skills. We hope to have interns that will work on our newsletter and webpage, write articles, help with the STARS report, measure electrical usage on campus, and work with other projects related to sustainability. The sustainability website is the place to find out more information and how to apply for the internship program.

The OoS is developing an internship program for students interested in pursuing sustainability projects at NMSU and in the community

USGBC Student Group

In partnership with the Doña Ana Community College Pre-architecture Program and the Workforce Development Sustainability Construction program, 2012 hopes to see the creation of a USGBC student chapter. This allows students to keep up with the latest trends in green building and LEED as well as learning leadership skills, project management, outreach and advo-



Council members Luis Rios (DACC) and Katrina Miner (Sodexo)

Looking Forward

Sustainability Website

Financial Systems Administration (FSA) has developed a newly designed website for the Office of Sustainability that allows users to learn about sustainability initiatives at NMSU, tips on how to manage their environmental impact, and how to get involved on campus and in the community. The site provides information on upcoming Council meetings, projects, and accomplishments. Information about what NMSU's branch campuses are doing in regards to sustainability can also be found on the [website](#).



The new NMSU Sustainability website homepage

Social Media

The Student Assistant for the Office of Sustainability manages the social media for the Office of Sustainability, including Facebook and Twitter. For the latest sustainability happenings, remember to keep up with our Facebook page and be sure to "Like" us. The Office of Sustainability has plans to develop a Linked In account soon so students who have volunteered with the Office can stay in touch and continue to share ideas and best practices.



Energy Reduction Campaign 2012

The Energy Reduction Campaign (ERC) is an awareness and behavioral modification program with a goal of reducing energy consumption on campus as a way to reduce energy costs while helping the environment. Plans for the 2012 ERC include meeting with deans in the eight colleges to further our partnership, educating on energy consumption habits, through working with faculty, staff, and students.

LEED Certified Buildings

As of the publishing of this report, spring 2012, NMSU has three Gold and two Silver certified buildings. Ten buildings are pending certification. As contractors and architects become more familiar with LEED requirements we feel that building to LEED standards will become easier and easier with little or no added costs.



The American Indian Student Center is due for LEED Certification in 2012

Green Building Design Guidelines

Currently, Facilities and Services has guidelines for architects and contractors that direct them on how we construct buildings on campus. The Office of Sustainability will be adding specifications to the guidelines on building green.

DACC Pre-Architecture Program Advisory Committee

Beginning in the summer 2012, Joni newcomer will become a member of the DACC Pre-Architecture Advisory Committee. This committee is the main source of information guiding and ensuring the best possible curriculum and learning experience for the program. It also serves as the primary advocate in the community and within the community college organization.

Special thanks to the following people

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Provost Wendy Wilkins

NMSU Board of Regents

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Loring, Steve

Westbrock, Theresa

Individuals

Abony, Andor

Adera, Tilahun

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Sustainability Council

CLEAResult and El Paso Electric

Aggie Recycling

Facilities and Services

College of Education Sustainability Committee

All the beloved students, on whom the future of the planet rests

Our task must be to free ourselves by widening our circle of compassion to embrace all living creatures and the whole of nature and its beauty. - Albert Einstein