

# Sustainability Council



Can we get such an image for NMSU?

## August 14 2013 Meeting

URL:

<http://nmsu.adobeconnect.com/sustainabilitycouncil8-14-13/>

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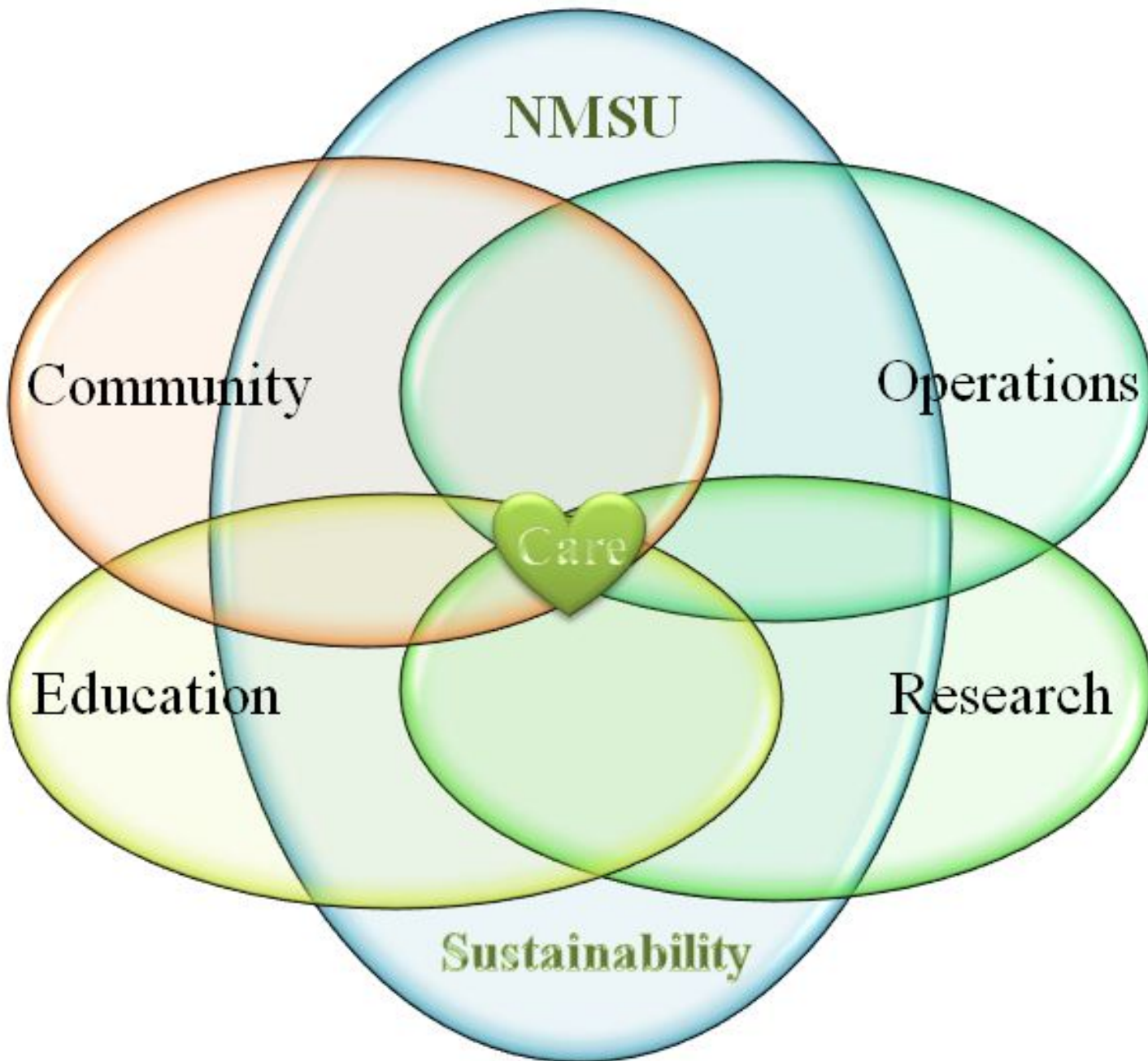
# Agenda for Aug 14<sup>th</sup> 2013

- (10 minutes How Sustainability is part of NMSU goals – D. Boje
- Introduction to Provost by D. Boje
- (15 minutes) Remarks by Provost Howard
- Q & A with our Provost
- (10 minutes ) Jennifer England on how to measure Sustainability Literacy
- (10 minutes) Updates from committees
- (15 minutes) Updates from Bicycle Friendly, Climate Action, and Technology Center Task Forces, & Outdoor study centers
- (5 minutes ) Upcoming Events & Announcements

# How Sustainability is part of NMSU Mission and Goals

David Boje

1. Our Goals, How we fit with NMSU Goals
2. Brief History



# Our Sustainability Council goals

1. To establish a Bicycle Friendly University
2. Bring about a Sustainability Technology and Model Residence Center
3. Expand our Recycling Programs at NMSU

# Graduation "Goal #1" Aligns with action items 3, 4 & 8 of Talloires Declaration



## 3. Educate for Environmentally Responsible Citizenship

Establish programs to produce expertise in environmental management, sustainable economic development, population, and related fields to ensure that all university graduates are environmentally literate and have the awareness and understanding to be ecologically responsible citizens.

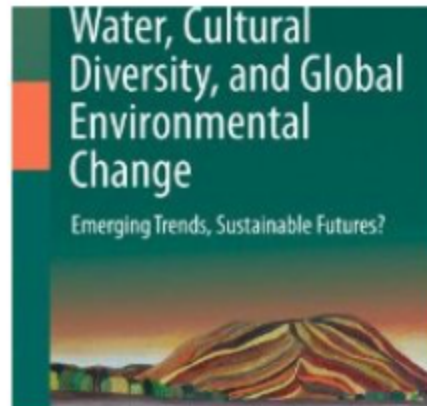
## 4. Foster Environmental Literacy For All


## 8. Enhance Capacity of Primary and Secondary Schools

Establish partnerships with primary and secondary schools to help develop the capacity for interdisciplinary teaching about population, environment, and sustainable development.

## Goal 2: Diversity

By integrating diverse perspectives from different cultures we can help achieve and promote student respect for diversity and sustainability at the same time





Goal 3: International Reach  
Talloires Declaration item 9  
is to broaden service and outreach for  
sustainability,  
nationally and internationally

Goal 4: Economic Engine  
Since 1977,  
NMSU has brought together  
sustainability initiatives  
and economic development

9. Broaden Service and Outreach  
Nationally and Internationally  
Work with national and international  
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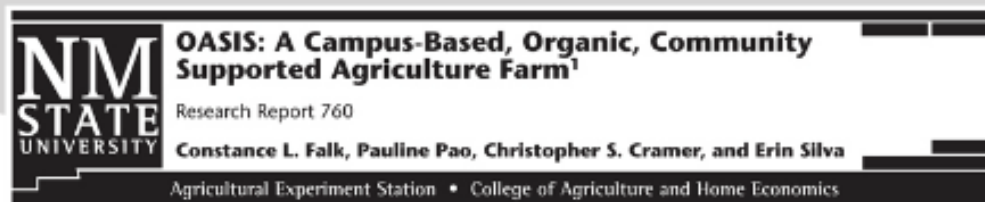
Goal 5: Effectiveness and Efficiency  
Sustainability considers NMSU's  
economic, environmental,  
and social-equity health

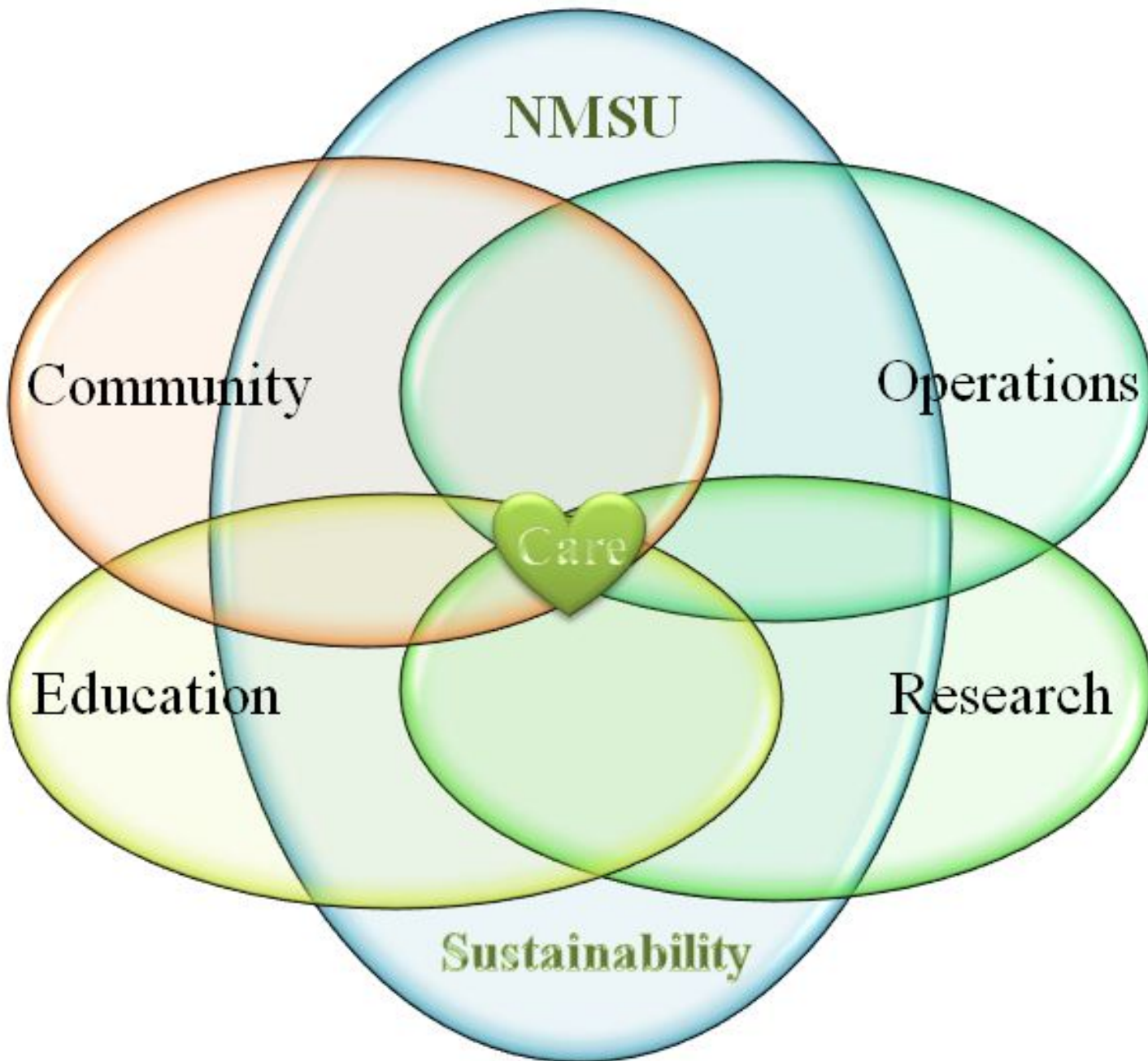


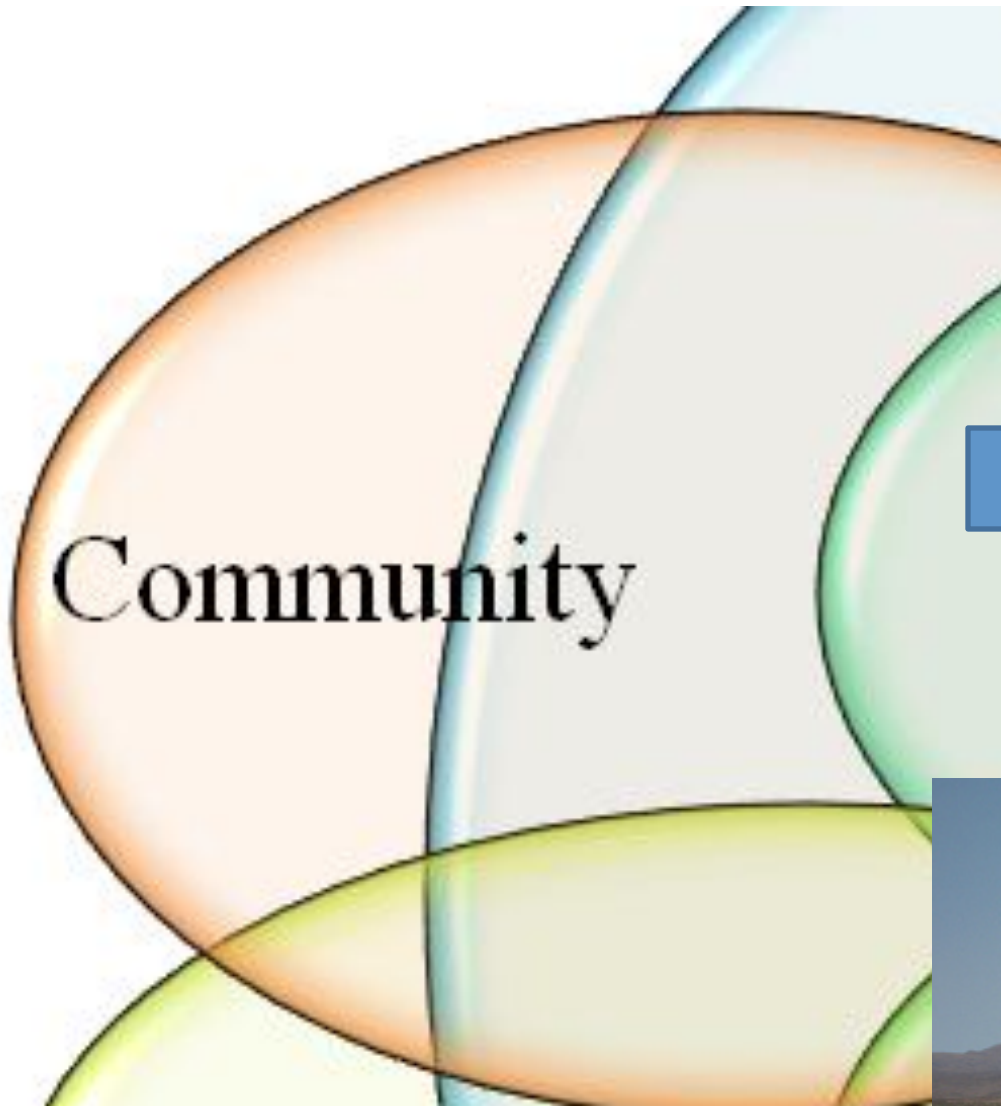
Goal 6: Alumni and Friends  
University could be positioned  
as way of donating to  
sustainable excellence



Goal 7: Culture of Pride  
The NMSU student population  
has embraced sustainability,  
faculty and administration can serve as mentors  
to a culture of Aggie pride in sustainability for  
generations of students to come







**Meet Needs of New Mexico with  
Heart of Care of Sustainability  
for Future Generations**

# First look at history

- On Nov 30 2012, NMSU earned a Gold Star rating for its sustainability. Interim President Dr. Pacheco wrote the “letter of approval” for the STARS® report





**Apr 16 2013**  
**NMSU named**  
**Bronze Bicycle**  
**Friendly**  
**University**



Congratulations  
to the BFU task  
force

# *2nd Look at Timeline*





# 2nd Look at Timeline



## New Water New Energy



**WRRRI**

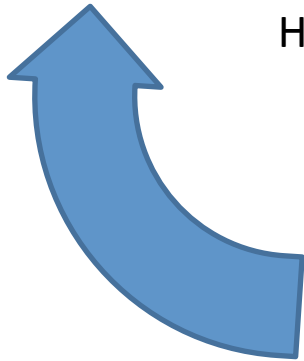
**RECLAMATION**  
*Managing Water in the West*

The NM WRRRI was established in 1963 by the New Mexico legislature and approved under the 1964 federal Water Resources Research Act.

# 2nd Look at Timeline



1977 New Mexico Solar Energy Institute was founded with Dr. Harry Zweibel as Director.



1977- The Southwest Technology Development Institute (SWTDI), a non-profit, university-based organization providing applied research and development services to private and public sector clients.

New name, New Mexico Solar Energy Institute ... in the College of Engineering, and has active research programs in energy and related systems.

2006 SWTDI became part of the Institute for Energy and the Environment.

# 2nd Look at Timeline

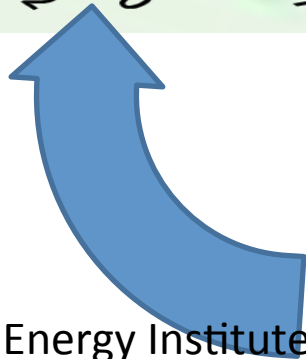


1981 NMSU Southwest Region Solar Experiment Station was founded as part of NMSEI with Dr. Vern Risser as Director.

1982- Jornada Basin Long Term Ecological Research – NMSU land is part of the Jornada Basin. This research examines the causes and consequences of desertification. LTER at NMSU is one of 25 sites funded by the NSF. Researchers come from all over the world to participate.

Energy Institute, founded ~ 1984 with Dr. Schoenmackers as Director.

# 2nd Look at Timeline

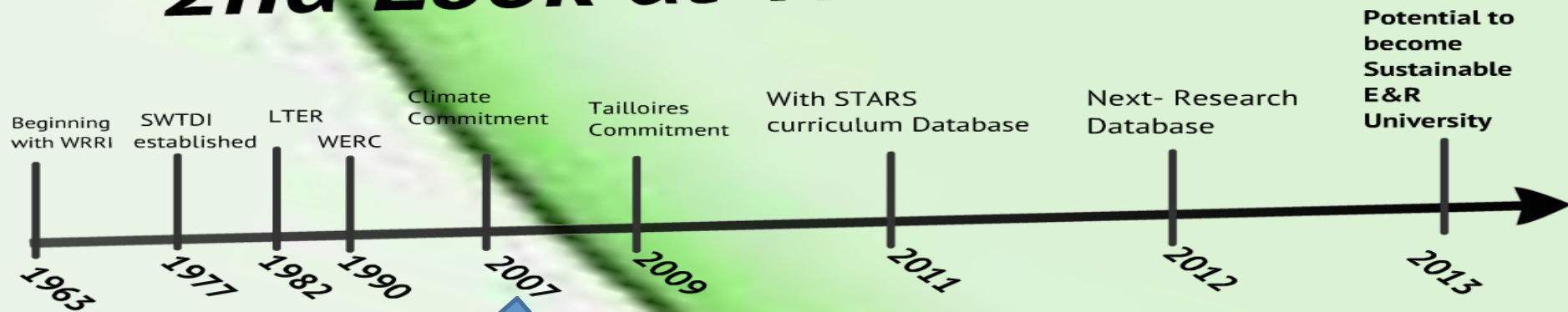


NMSEI, SRSES, & Energy Institute were combined into one as the SouthWest Technology Development Institute in 1988 with Dr. Schoenmackers as the Director.

1990- WERC established –  
WERC: A Consortium for  
Environmental Education and  
Technology Development

1992 SWTDI joins the NMSU College of  
Engineering with Dr. Schoenmackers as  
Director

# 2nd Look at Timeline

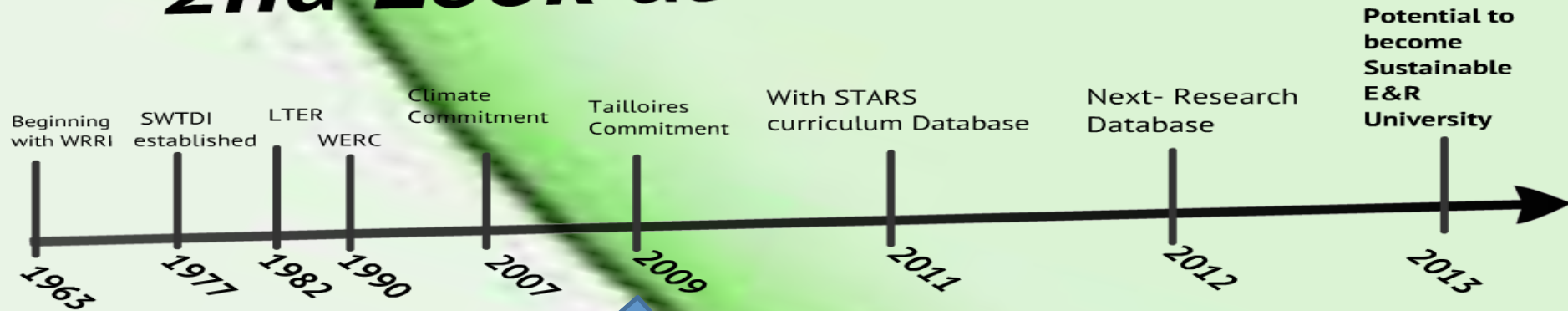


**2007 - President Martin of NMSU committed to developing an institutional action plan to achieve carbon neutrality by becoming a signatory to the American College and University Presidents' Climate Commitment.**





# 2nd Look at Timeline

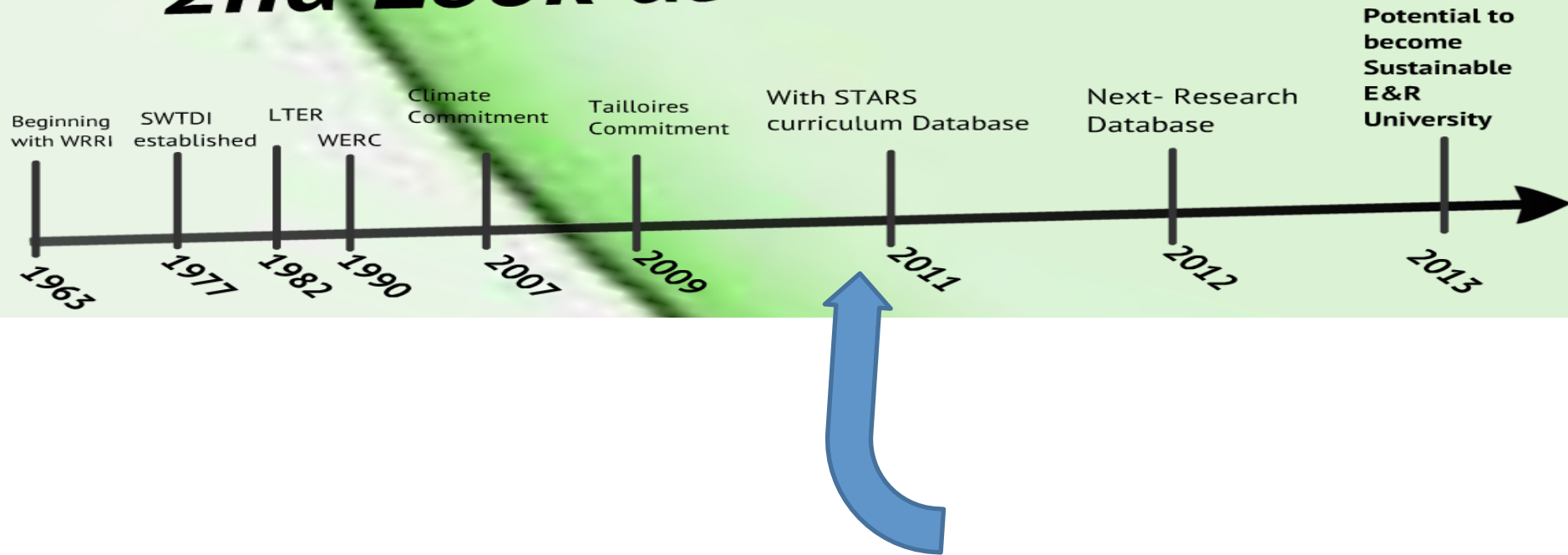


In 2006 the Institute for Energy & Environment was founded and it joined together WERC, SWTDI, and CEMRC (which again went their separate ways in 2012). Dr. Ghassemi is Director.

**Talloires Agreement**

Based on a presentation by OASIS students in 2008, Interim President Waded Cruzado signed the Talloires Declaration in 2009

# 2nd Look at Timeline

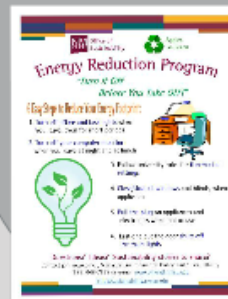


2011 - Faculty Senate unanimously passed a memorial (led by Professor Boje) to recognize the new Office of Sustainability (headed by joni newcomer [sic]) at NMSU and support the plans and goals of the Sustainability Council, February

# Operations

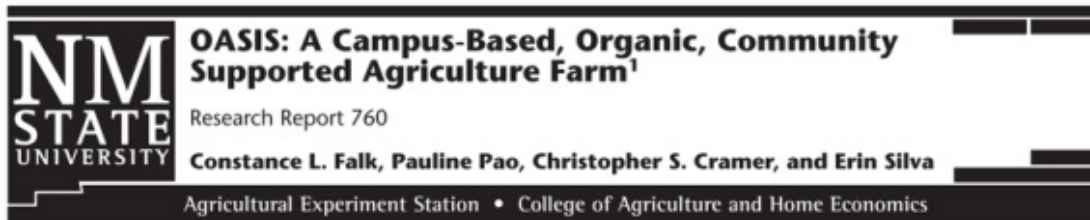
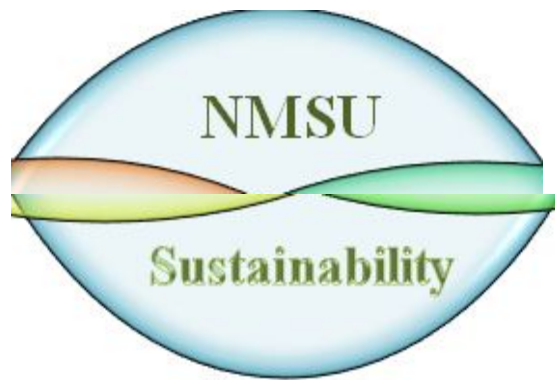


## Consumption Habits



**LEEDS CERTIFIED  
BUILDINGS**





2002- For five years (through 2006) OASIS (Organic Agriculture Students Inspiring Sustainability) organic Community Supported Agriculture class and project operated on NMSU main campus, initiated by Professor Connie Falk

# Thank you, Sustainability Council

joni newcomer	Past chair, SC
Rani Alexander	Education & Research (E+R) subcommittee, Chair
Rohny Saylor	E+R Student co-chair
Steve Self	Operations (OP) subcommittee Chair
Suzanne Montes	OP Student co-chair
Katrina Miner	Planning Administration and Engagement (PAE) Co-chair
joni newcomer	PAE Co-chair
Melissa Cast	PAE Student co-chair
Emily Kelley	Secretary of Sustainability Council

# Remarks - Provost Howard

- Followed by Q & A

# How to measure Sustainability Literacy

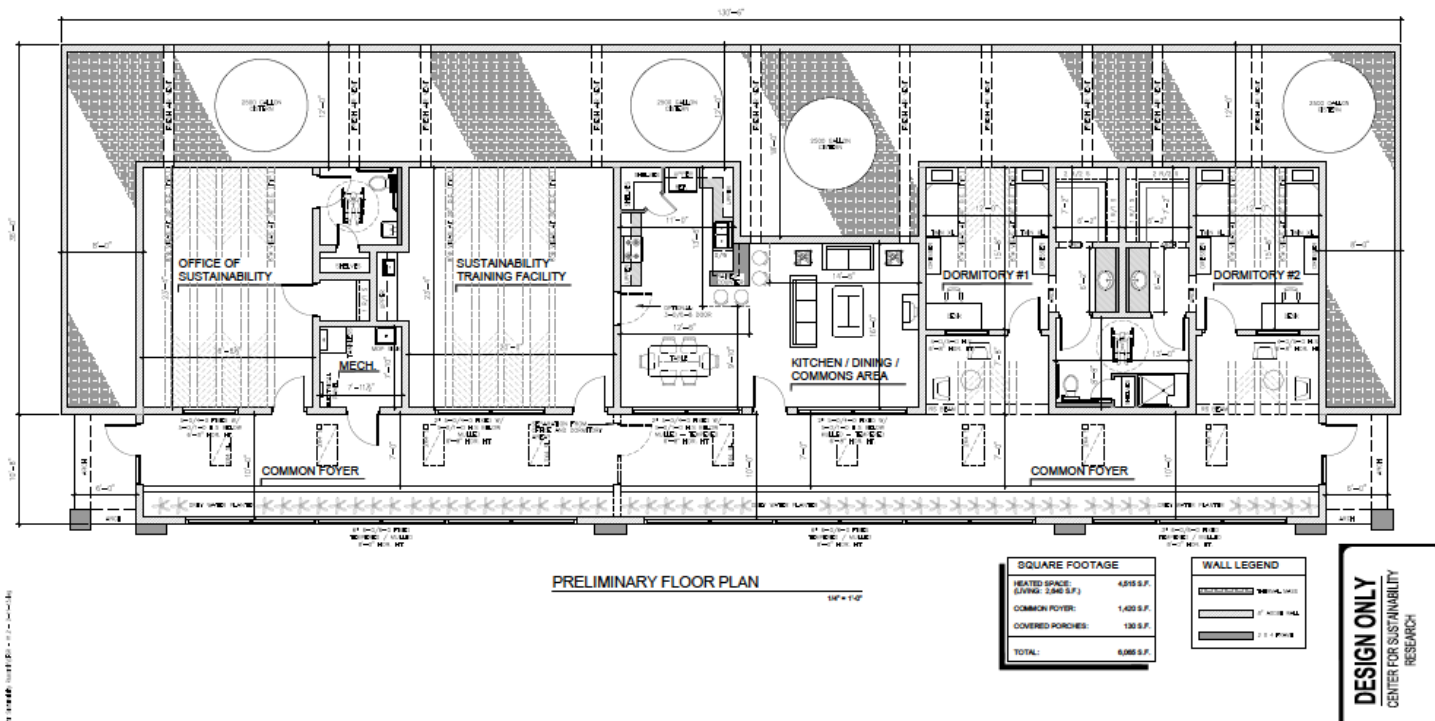
- Jennifer England

# Committee updates

- pick some priority items for the semester?
- Preparing for upcoming meetings with new President and Provost
- Developing a sustainability literacy online survey
- Adding link to sustainability classes to registration homepage
- Getting our Climate Action top 10 list to the students, staff, and faculty
- How to outreach to our community colleges
- Your other ideas

# Operations Committee Update

- Steve Self



# Update – PAE (outreach)

- Joni
- Reuse program

# Rani Alexander Education & Research co-chair

- update



# UPDATE NMSU Climate Action Taskforce

1. Competition between dorms on top 10 ways to reduce carbon footprint
2. Competition among academic and service departments to reduce carbon footprint.
3. Sustainability Council: what are the prizes for this competition?
4. When does it run
5. How do we promote it?

# NMSU top 10 list to reduce student's Carbon Footprint

1. Reducing use of energy/ water/ paper
2. Using reusable containers instead of one time use ones.
3. Ride a bike
4. Locate recycle bin locations for their adequate usage.
5. No plastic bags, use recycled material bags.
6. Use dishes instead on paper plates.
7. Use curtains to control temperature of room.
8. Unplug electronics and appliances when not in use.
9. Take a short shower
10. Use laptop instead of PC

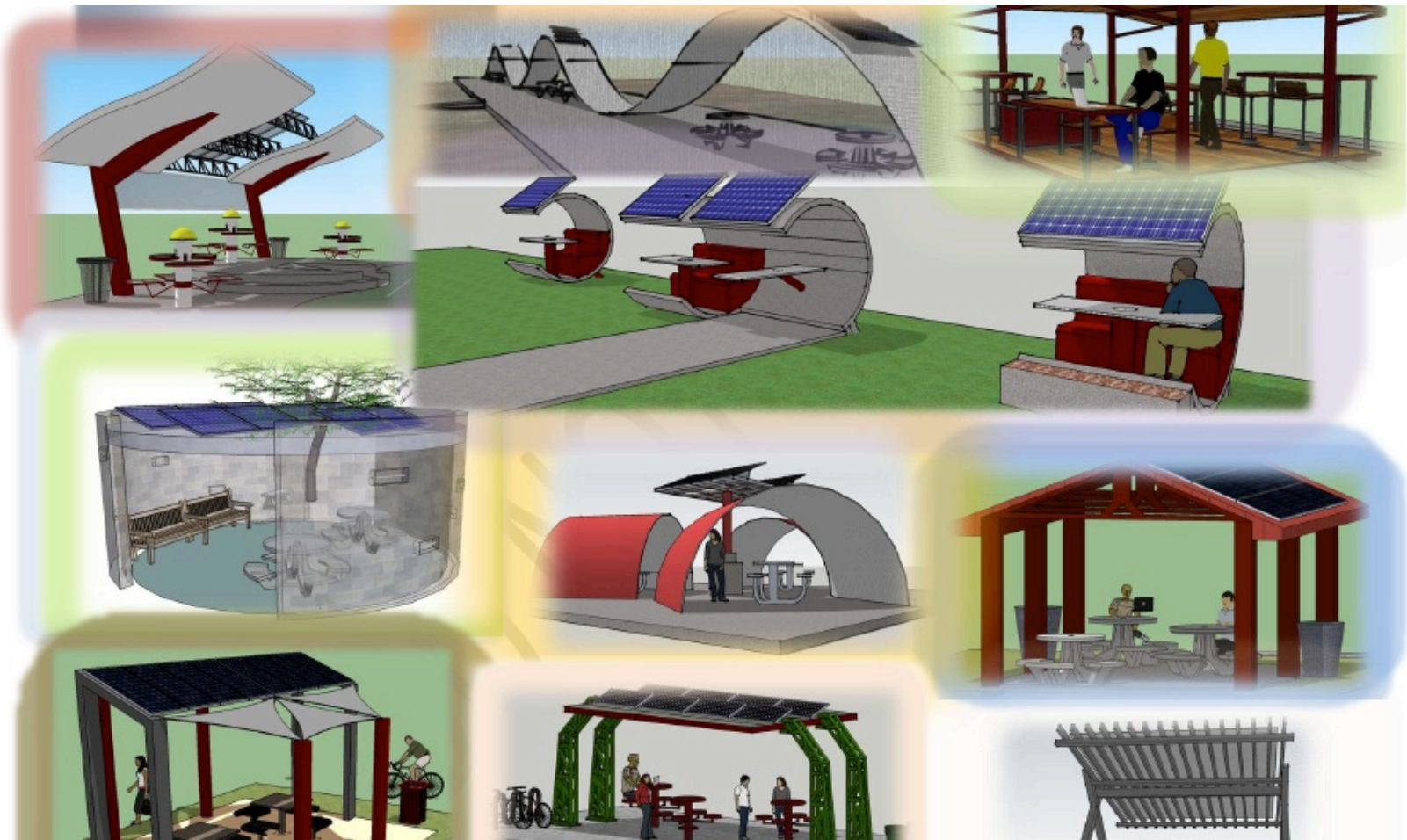
# Update Bicycle Friendly University

NMSU could consider this mode of transport for some services and not just FS operations, e.g. EH&S inspectors (maybe rad delivery, waste pickup), Custodial services. Others possible: Parking inspectors, Building security, Sodexo food delivery & sales, Intra-Campus delivery by UComm, RoundUp, Postal, CampusMail.



Utility Services at University of Notre Dame use tricycles on campus

# Outdoor Study Centers - update



# Upcoming Events and Announcements

- Campus Sustainability Day (10.23.13)
- Bags to Benches outreach to City of Las Cruces  
7.20 – 10.23
- America Recycles Day (11.15.13)

# Next Meeting

- Sept 11<sup>h</sup>
- Milton Hall Room 85
- 8:30-9:30 AM
  
- Thank you