

Office of Sustainability Update



Outline

- Auburn's Commitment to Sustainability
- Office of Sustainability
 - Structure
 - Role
 - Messaging
- What we are doing (and how it might involve you)
- Our opportunity

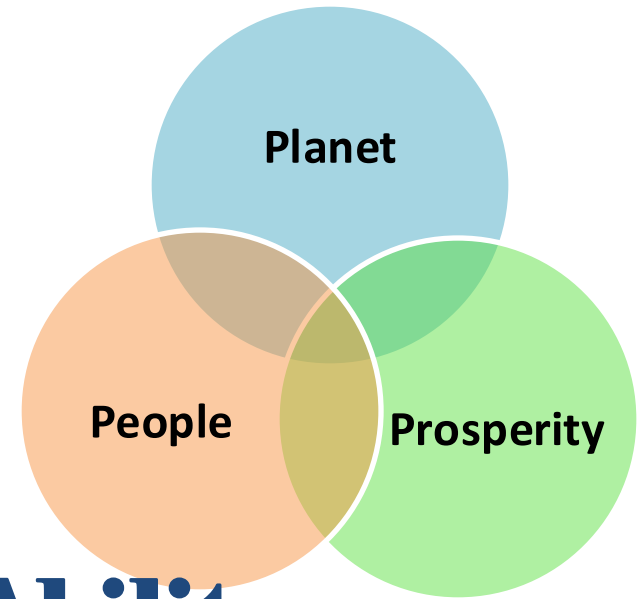
Auburn's Commitment to Sustainability: **Auburn University** Strategic Plan

“...we recognize the importance of sustainability as crucial for this century, and we are integrating this theme into our work”



Auburn's Commitment to Sustainability: **Auburn University** Sustainability Policy

“Auburn University is committed to integrating sustainability into all aspects of the University including: operations, instruction, research, and outreach activities. Auburn University considers sustainability a core value and strives for excellence in sustainability through continuous assessment and improvement.”



Office of SustainAbility

Academic Sustainability Programs

Dr. Nanette Chadwick, Director

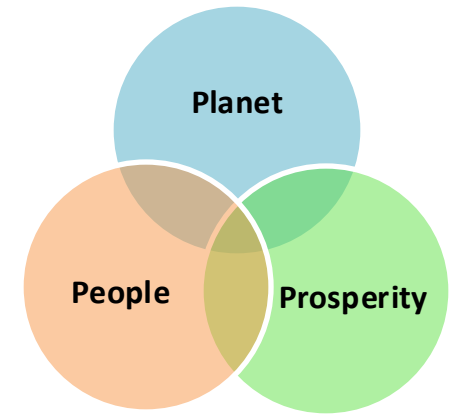
Campus Sustainability Operations

Mike Kensler, Director

Matt Williams, Program Manager

Jen Morse, Communications and Outreach

Interns



Office of SustainAbility

Mission

Cultivate an ethic and practice of Sustainability at Auburn

Send graduates out into the world as Sustainability Practitioners

Approach

**Possibility, Aspiration, Future-focused:
solving problems in the context of the future we aspire to create**

Collaboration, Engagement, Empowerment, Advocacy

Leadership as Social Architecture



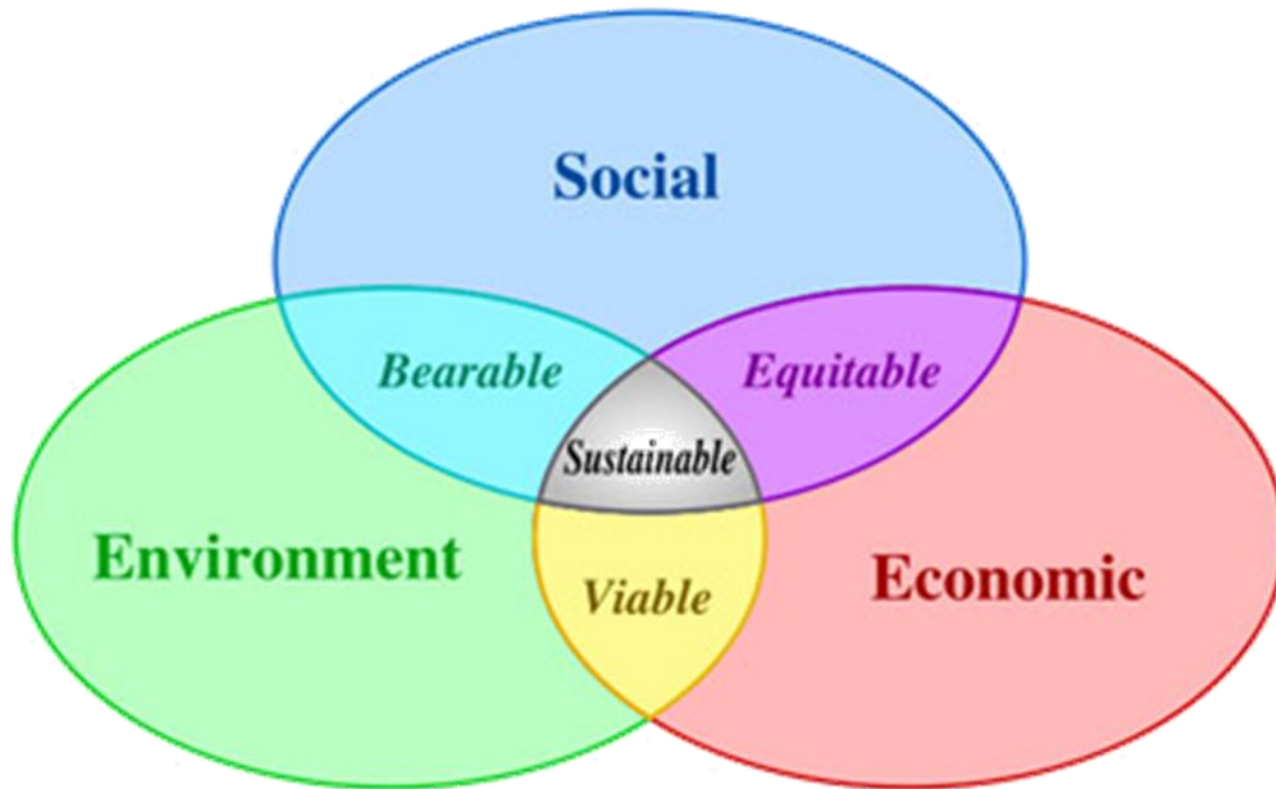
Sustainability

“Meeting human needs in a fair, just, and equitable way

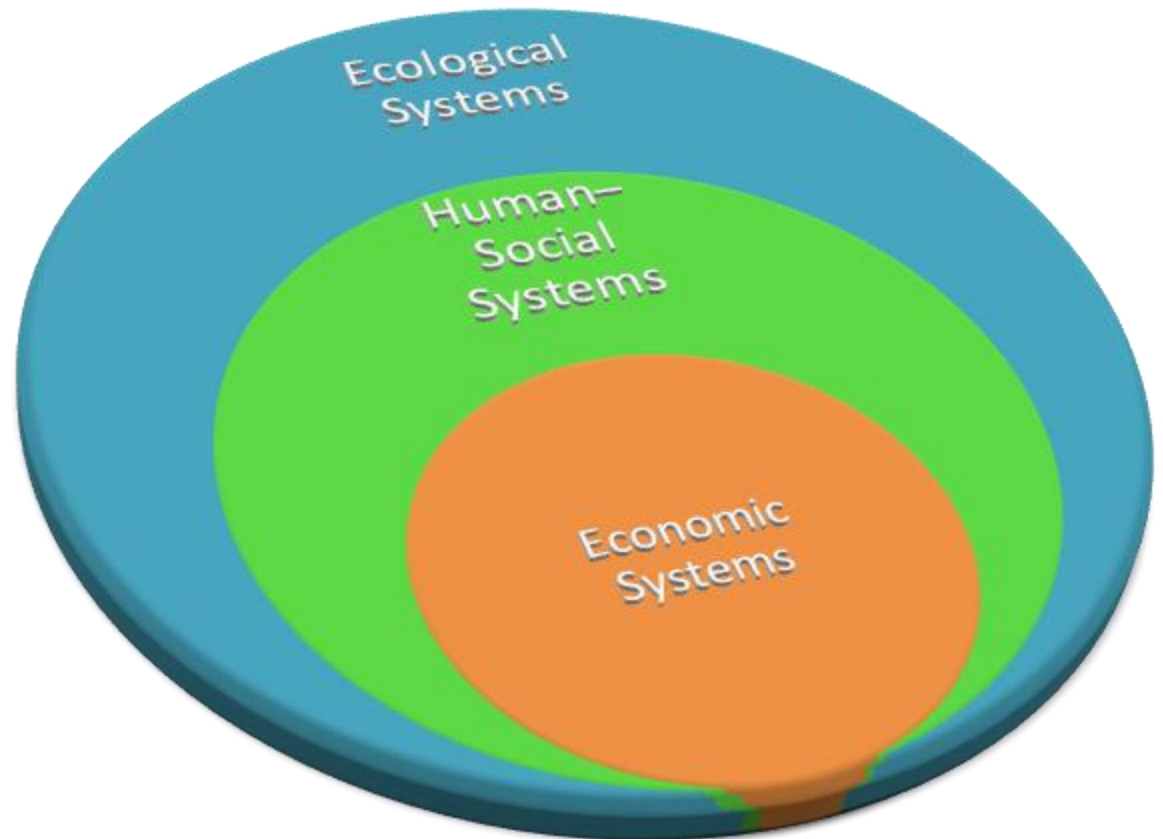
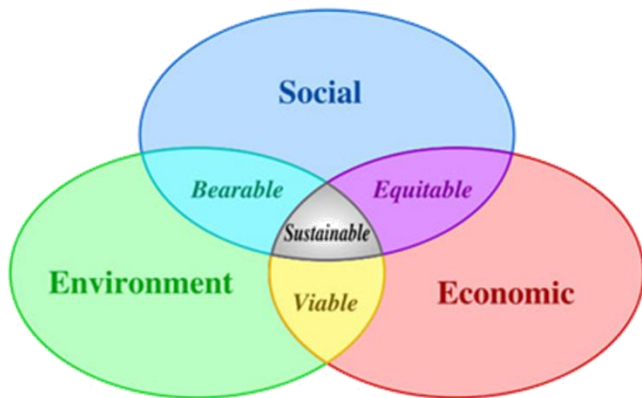
that enables future generations to meet their own needs,

while protecting and maintaining healthy ecosystems in perpetuity.”

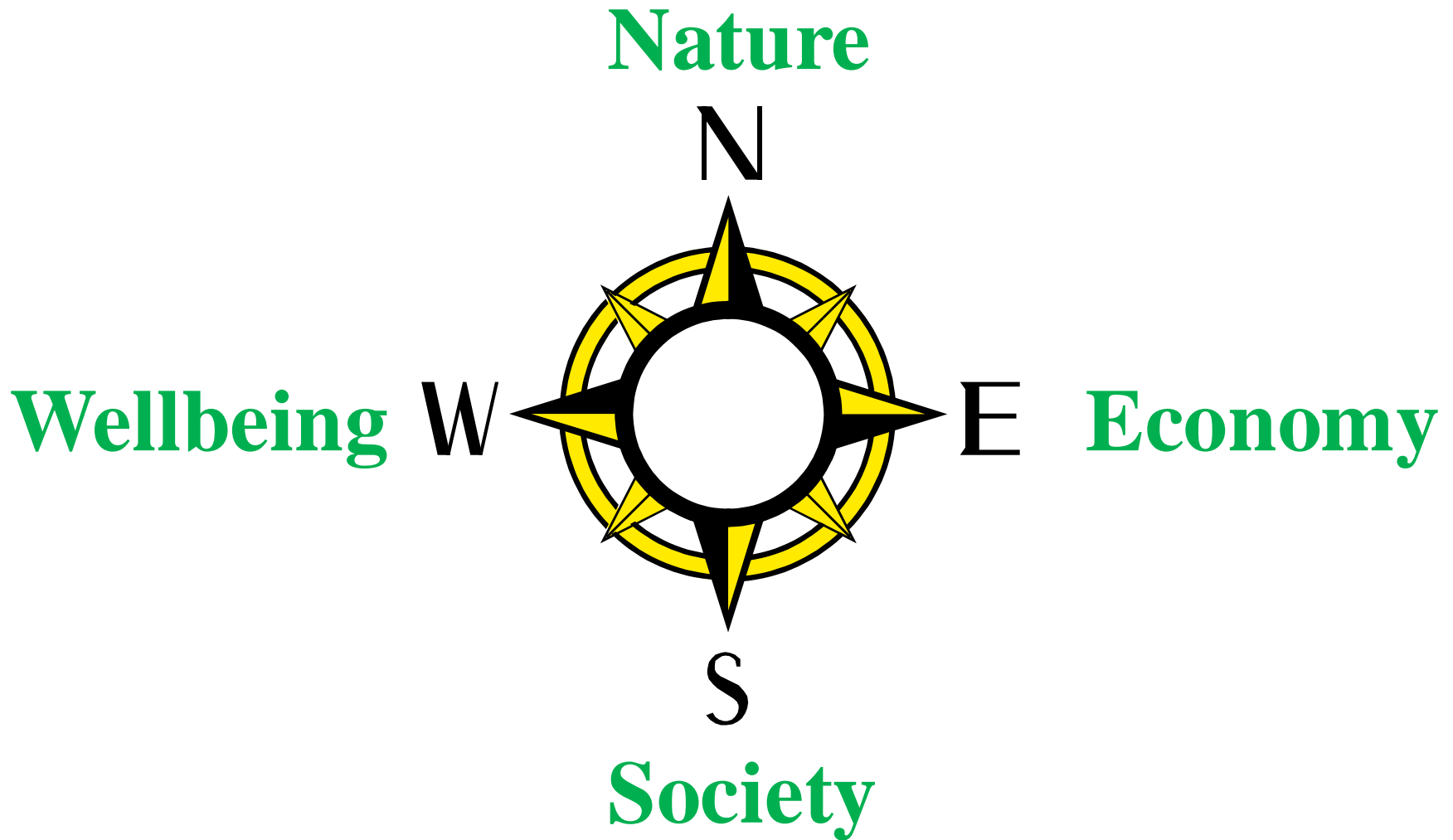
The Three Integrated Spheres of Sustainability



Sustainability



Compass of Sustainability

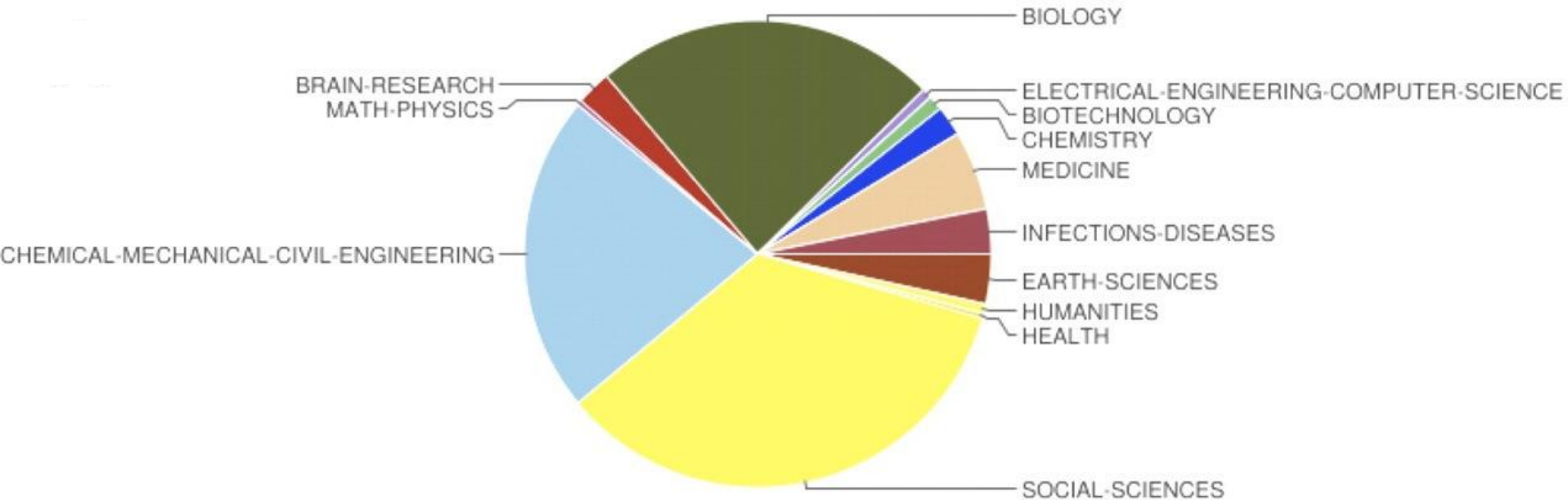


4 Basic System Conditions for Sustainability

1. Live within Earth's physical and biological limits
2. Maintain a vital, prosperous, inclusive economy
3. Cultivate social connectedness, caring, equity, and engagement
4. Make individual opportunity, fulfillment, and happiness possible.



The Science of Sustainability



*“Laws and institutions must go
hand in hand with the
progress of the human mind.”*

Thomas Jefferson

Learning Organizations:

**“...organizations where people continually expand their capacity to create the results they truly desire...
and where people are continually learning to see the whole together.”**

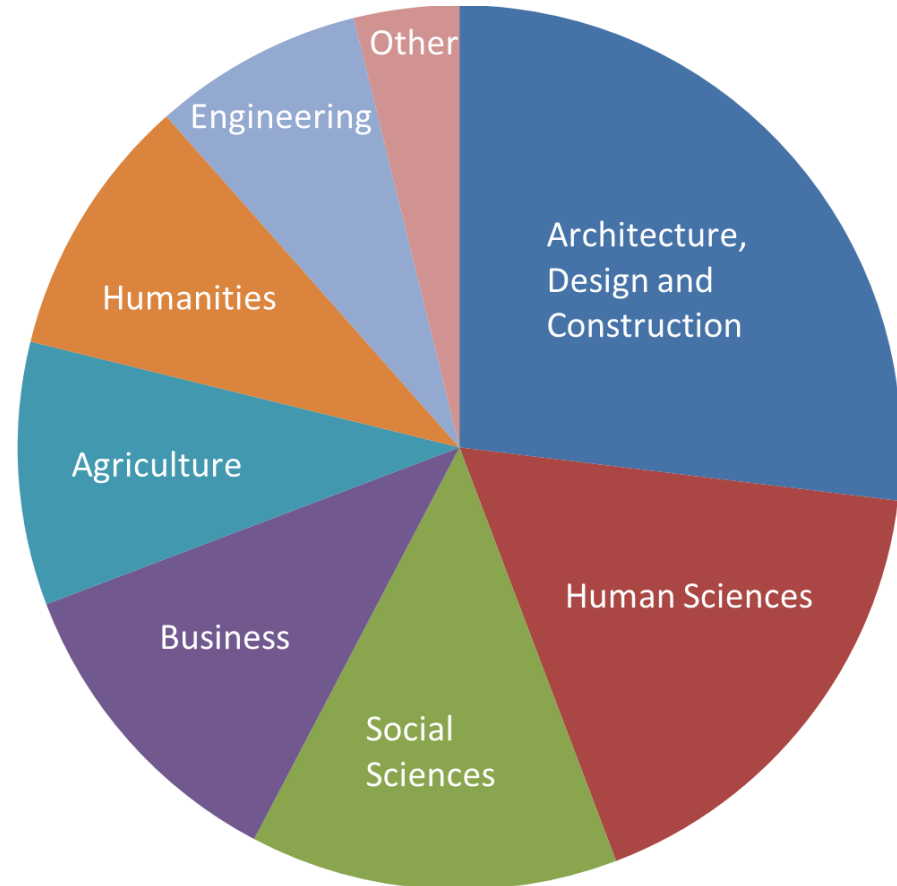
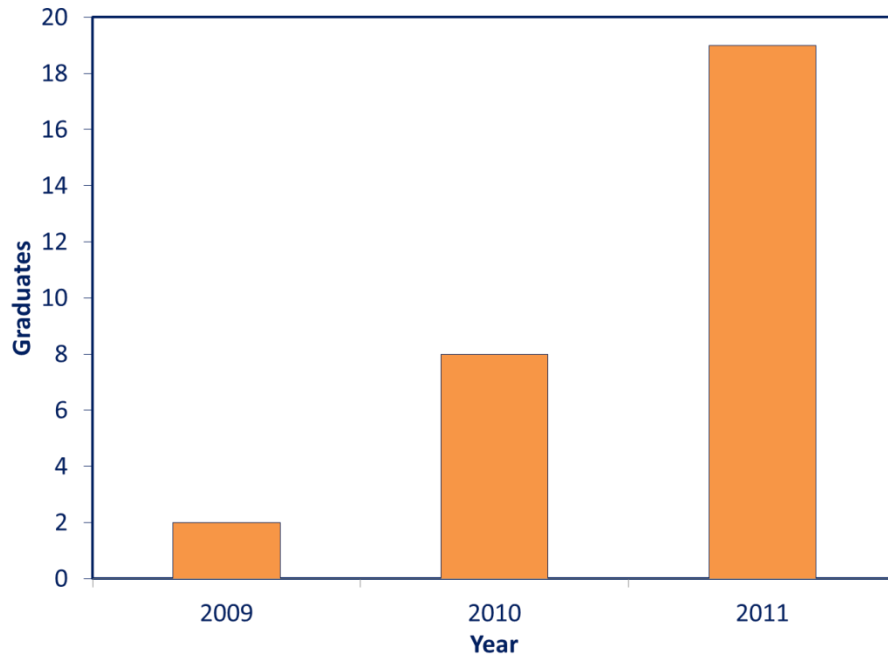
Peter Senge

Office of Sustainability

- What are we up to?
- How will it affect you?

Minor in Sustainability Studies

- Began in 2008
- Rapid growth over past 3 years
- **Interdisciplinary:** Students from 34 majors in 9 Colleges at Auburn



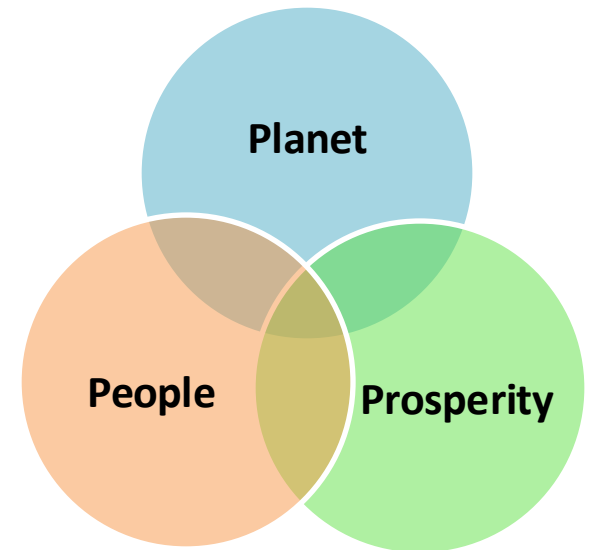
Minor in Sustainability Studies

Wide diversity of student majors:

Agricultural Economics, Animal Science, Architecture, Building Science, Business, Design (Apparel, Graphic, Industrial, Interior), Economics, Education, Engineering (Biosystems, Chemical, Civil, Mechanical), Environmental Science, French, Geography, History, Horticulture, Hotel & Restaurant Management, Interdisciplinary Studies, Marine Biology, Marketing, Nutrition, Philosophy, Political Science, Pre-Med, Psychology, Public Administration, Radio/Telecommunications/Film, Sociology

Popular elective courses in the minor:

- » Global Consumer Culture
- » Ecotourism
- » Bioenergy and the Environment
- » Physical Geography
- » Landscape and Culture
- » Religion and the Environment
- » Environmental History
- » Environmental Ethics
- » **Add your course as an elective:**



http://www.auburn.edu/projects/sustainability/website/student_resources/student_minor.php

Sustainability in the Curriculum

5th Annual Faculty Training Workshop: May 9-10, 2012

Participants:

20 faculty from 12 departments in 7 colleges across campus

Website:

[http://www.auburn.edu/projects/sustainability/website/staff
faculty_resources/workshops.php](http://www.auburn.edu/projects/sustainability/website/staff_faculty_resources/workshops.php)

Learn how to incorporate
sustainability into your courses!

Contact:

Dr. Nanette Chadwick

Director of Academic

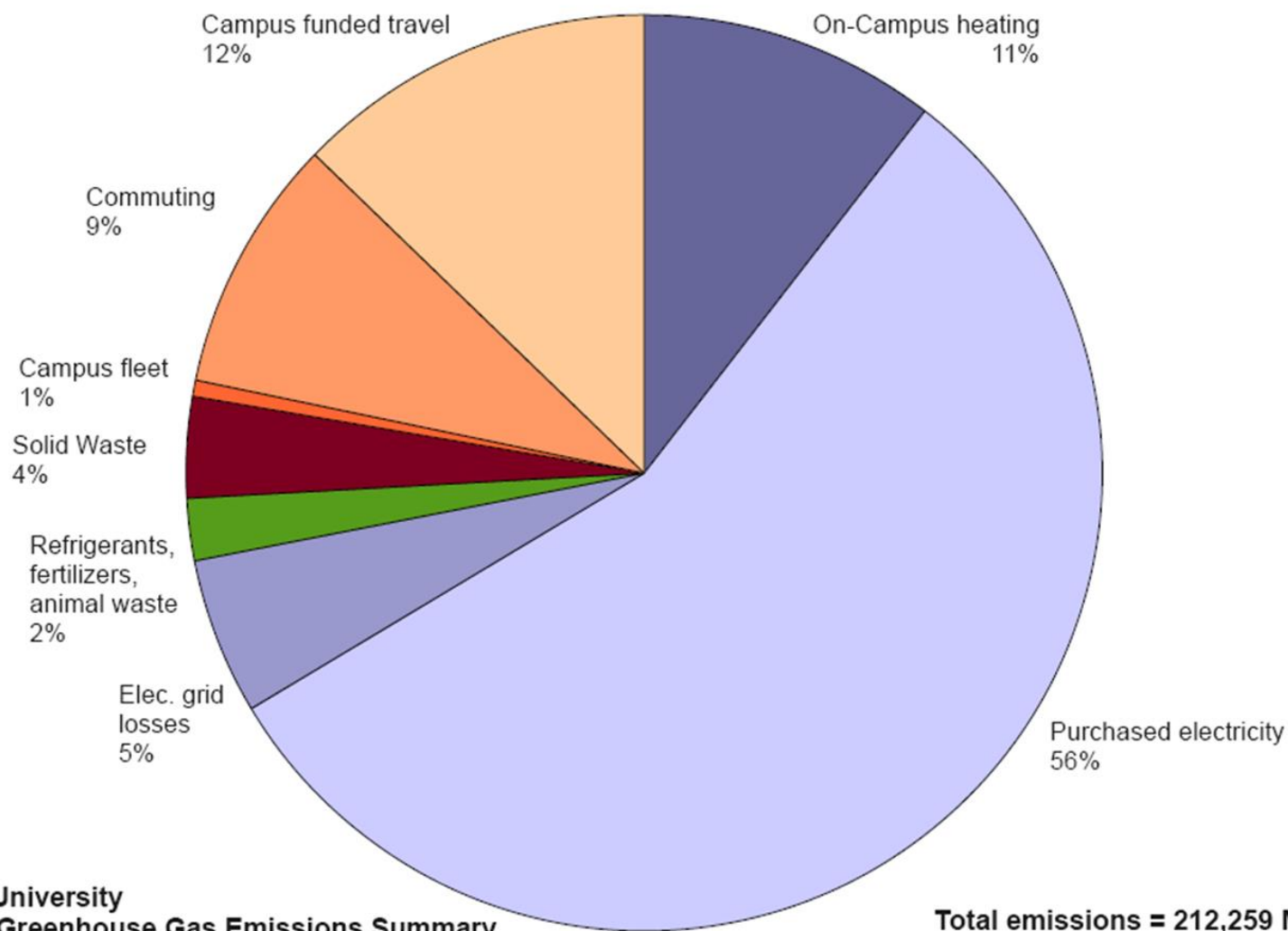
Sustainability Programs

Email: chadwna@auburn.edu

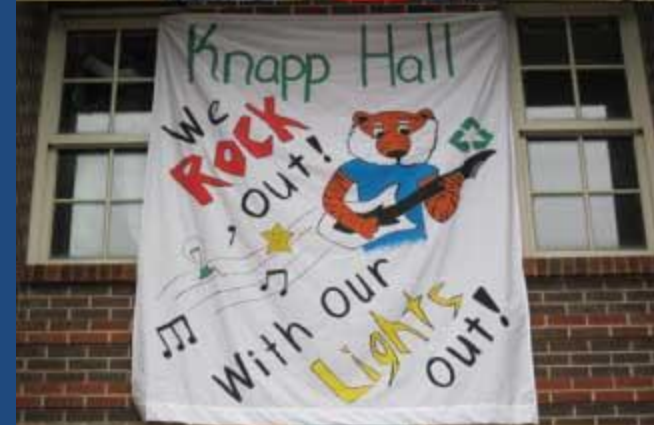
Phone: 844-8184



Climate Action Plan

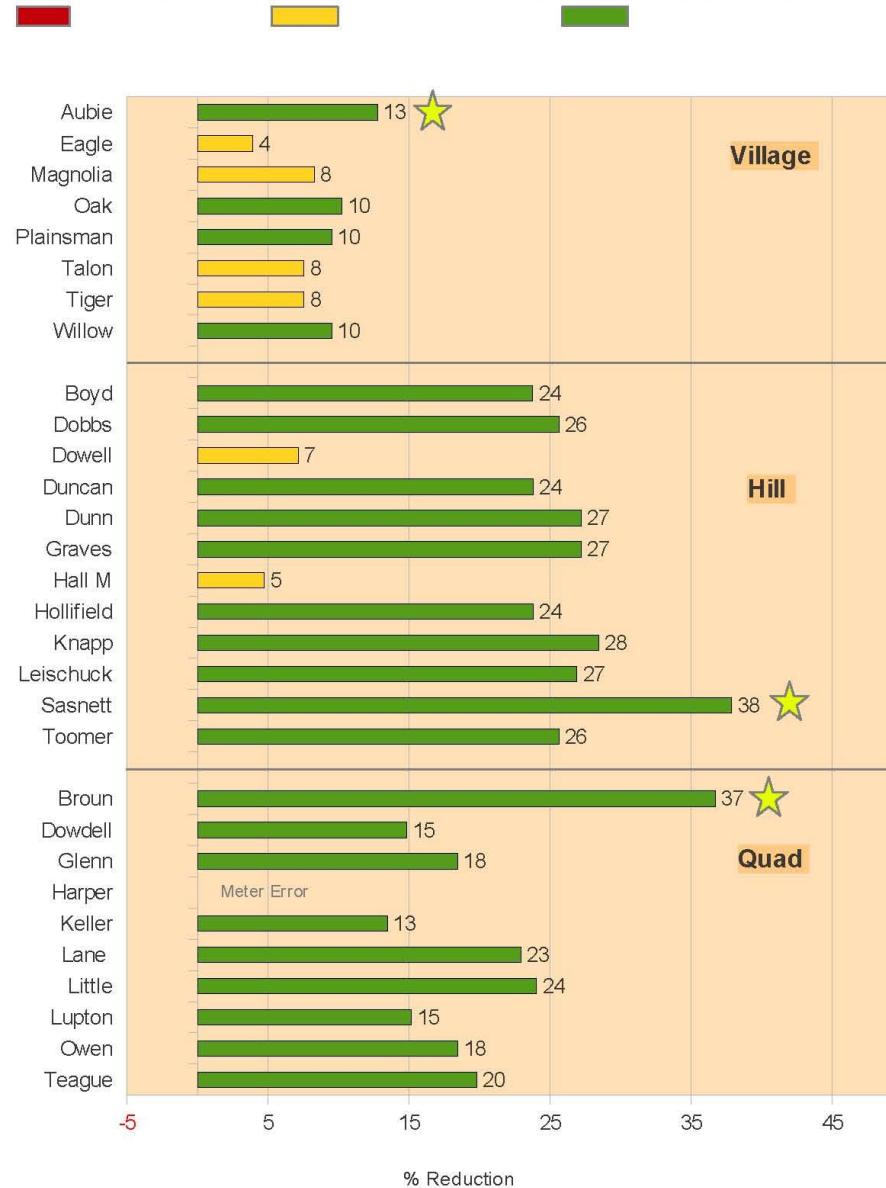


Sustain-A-Bowl in Residential Community



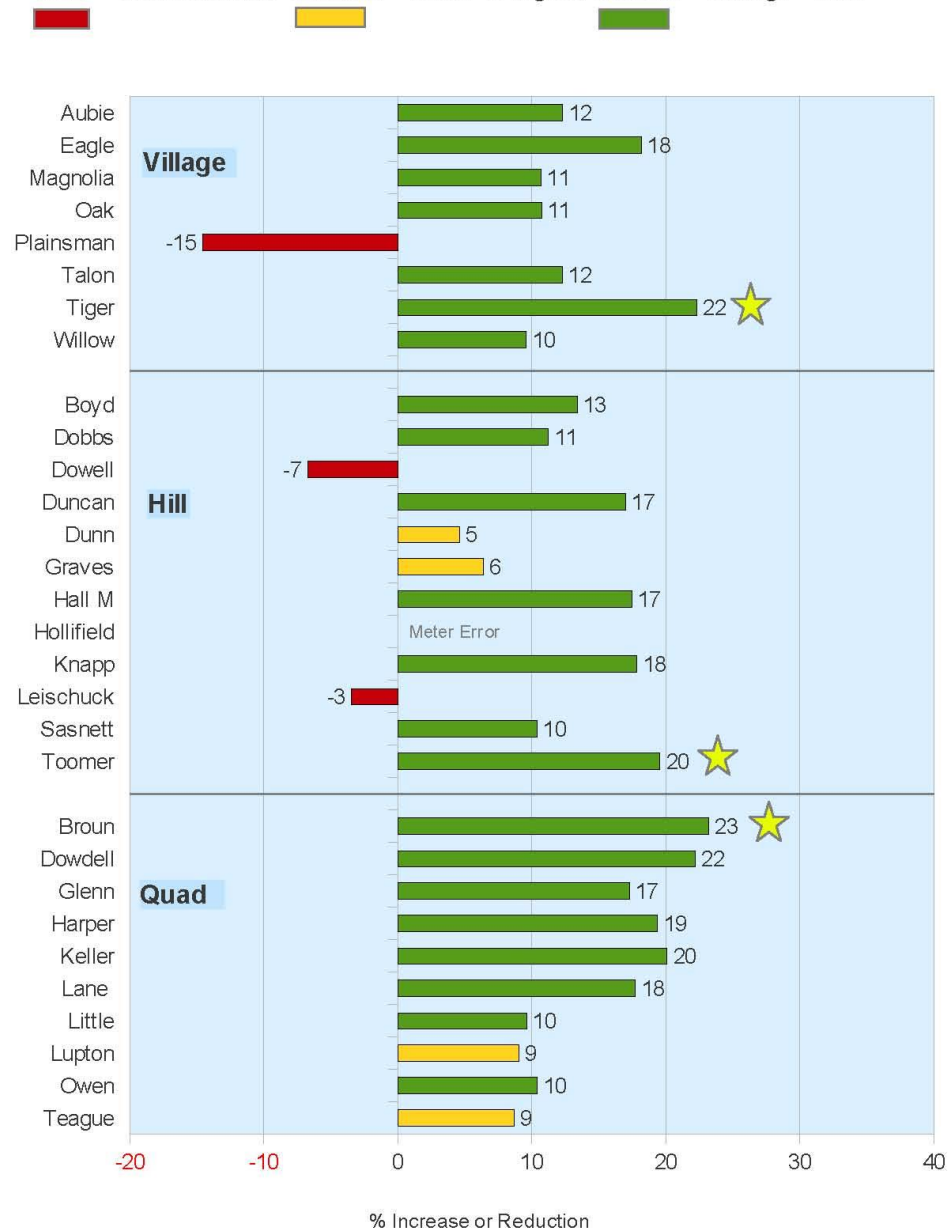
FINAL - Cumulative Electricity Reduction Compared to Baseline for Each Hall Sustain-A-Bowl 2012

RED = increased use, YELLOW = under 10% goal, GREEN = savings >10%



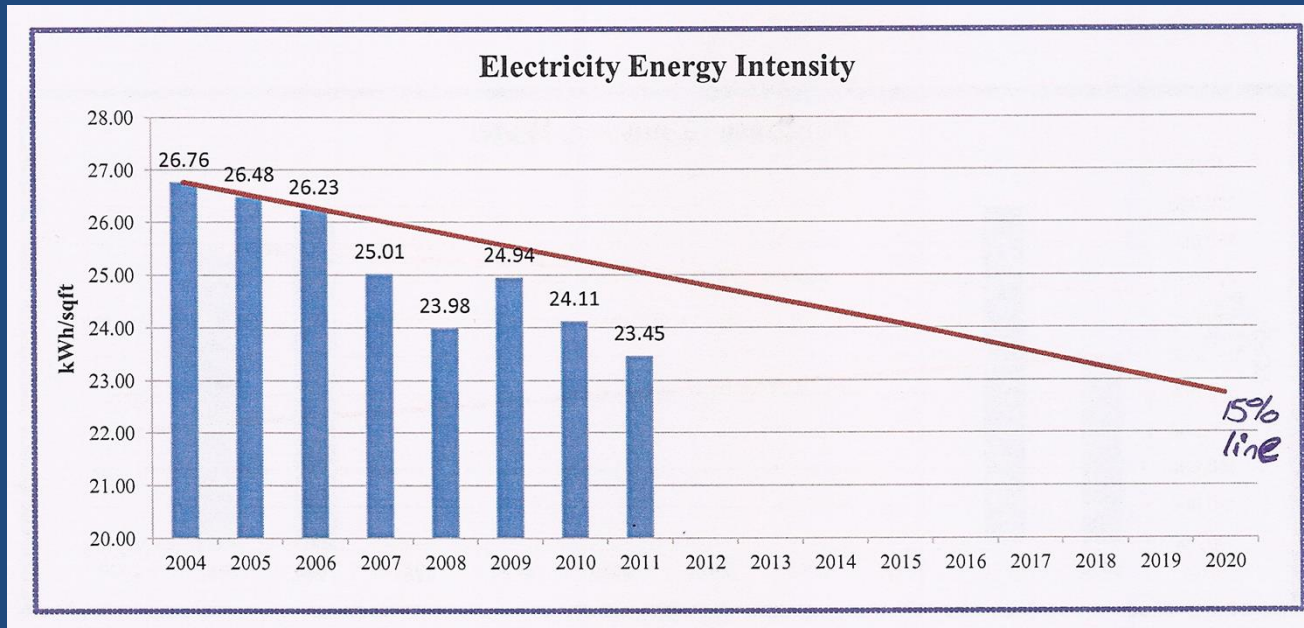
FINAL - Cumulative Water Reduction Compared to Baseline for Each Hall Sustain-A-Bowl 2012

RED = increased use, YELLOW = under 10% goal, GREEN = savings >10%

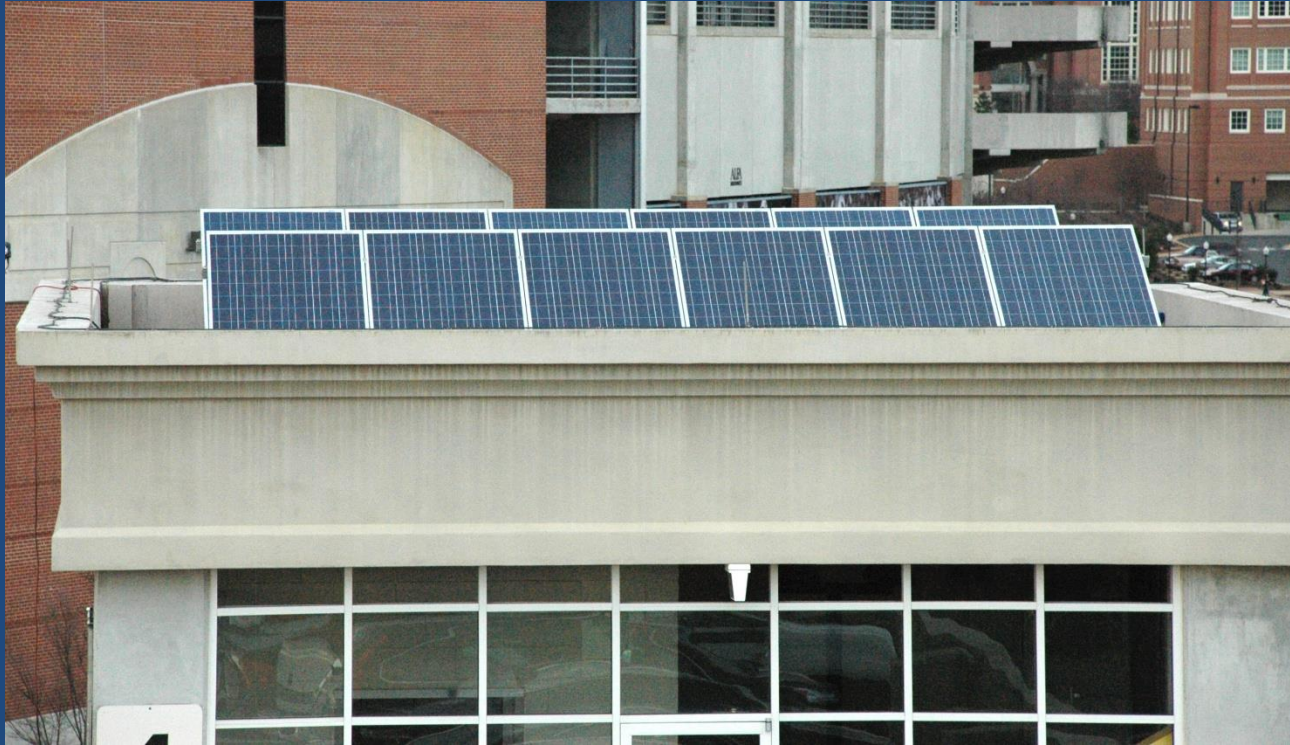


Energy Reduction

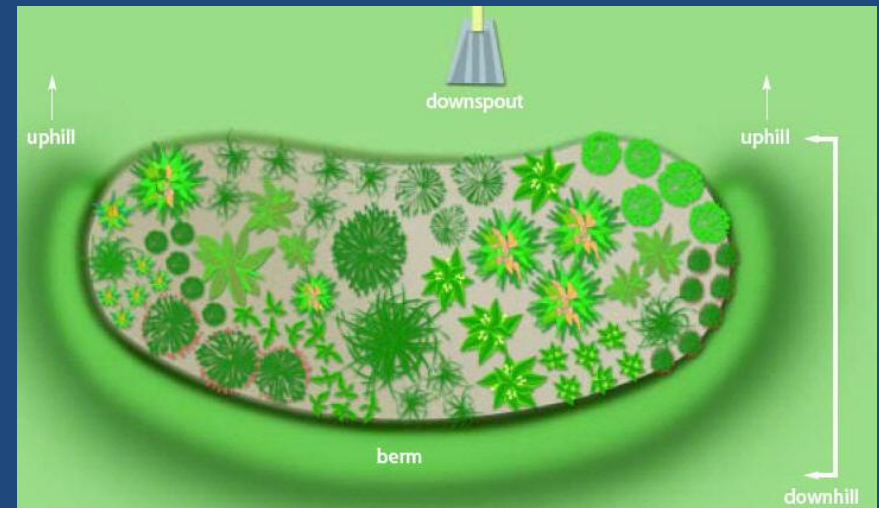
- 5% reduction in purchased electricity
- By 2020
- From 2010 baseline



Prototype Projects



Prototype Projects



Sustainable Landscape Forum



Leadership in Energy & Environmental Design



Sustainable Office Certification Program

S.O.A.R.

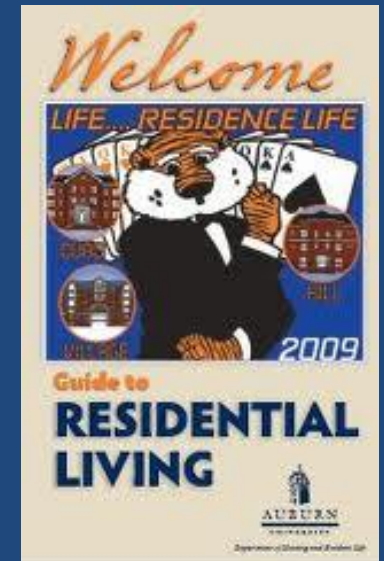
Sustainable Offices Achieving Recognition

- **Energy**
- **Water**
- **Purchasing**
- **Waste**
- **Recycling**
- **Transportation**
- **Innovation**

Sustainability Awards Program



Sustainability in Action



Campus Conversations



Sustainability Training



Sustainability Tracking, Assessment, and Rating System



Categories within STARS

- Education & Research
 - Co-Curricular Education; Curriculum; Research
- Operations
 - Buildings; Climate; Dining Services; Energy; Grounds; Purchasing; Transportation; Waste; Water
- Planning, Administration & Engagement
 - Coordination & Planning; Diversity and Affordability; Human Resources; Investment; Public Engagement
- Innovation



Long Term Sustainability Goals

“Auburn will establish specific goals for sustainability based on national metrics.”

Auburn University Strategic Plan

STARS Assessment

Sustainability Goals



Current Conditions

Desired Future

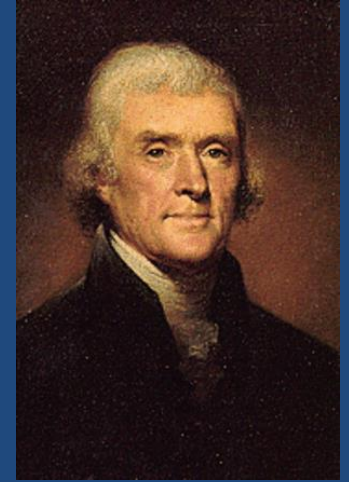


Campus
Sustainability
Action Plan

Auburn's Commitment to Sustainability:
Auburn University Sustainability Policy

“Auburn University’s goal is to be acknowledged as a national leader in sustainability teaching, research, outreach, and practice.”

Think Long Term, and Create the Future: Reimagine, Reconsider, Aspire



“In every deliberation we must consider the impact on the seventh generation... even if it requires having skin as thick as the bark of a pine.”

Great Law of the Iroquois