

Sustainability at Lane Community College: *Weaving Sustainability into the fabric of Lane Community College*

April 16, 2008

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How did we get started at Lane?

Let's think 2004

How did we get started at Lane?

- **Institutional/ Integrated Conversations**
- **Emerge not imposed**
- **Deliberate dedication of staff**
- **Identifying funding sources**
- **Financial viability framework**
- **Commitment of leadership and key stakeholders**



***Taking Responsibility
for***



Environmental Impact

Lane's Obligation

To the Public

To be good stewards of public resources by taking
into account the long-term financial benefit of
sustainable practices

Lane's Obligation

To the Community

To minimize the negative impacts the college has on
the local environment

Lane's Obligation

To Students, Employees & Visitors

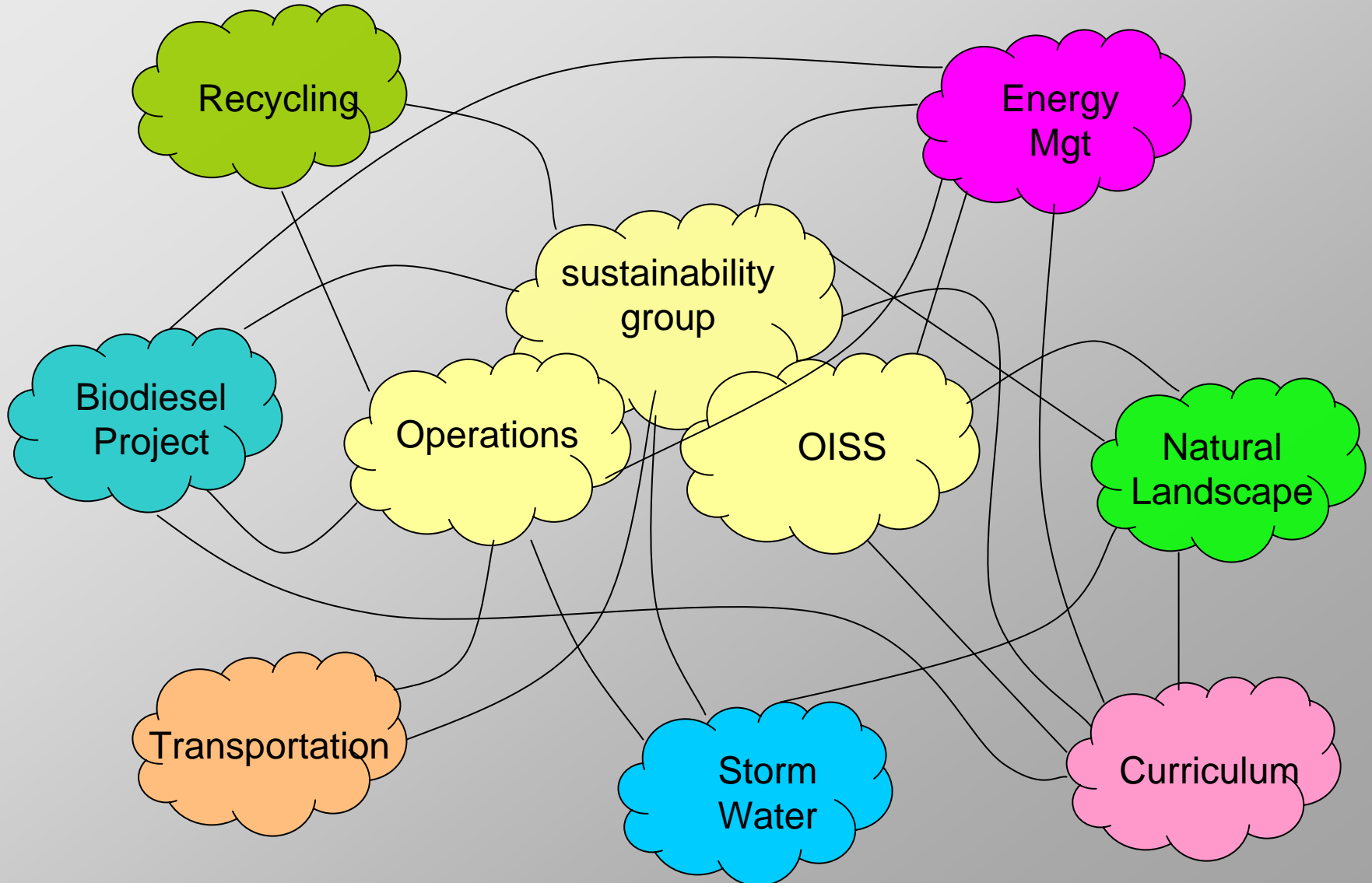
To provide a safe and healthy campus
environment

Lane's Obligation

To Students

To model sound sustainable practices that use environmental principles learned by students in the classroom

Organic “Organization”



The Champion!!

Sustainability at Lane: A Brief History

April 2004 to August 2007 Timeline

2004	2005	2006	2007	2008
Sustainability Office created Sustainability Group formed	Energy Analyst hired	Sustainability Policies adopted President's Climate Commitment signed	Core value adopted National speaking engagements Biodiesel production	Meyer Fund for a Sustainable Environment LEED design standards
Environmental Impact Reporting				
10% of Electricity Purchased as Wind				
Bioneers Conference				
	Tallories Declaration signed	Campus Sustainability Leadership Award	Statewide & League Conferences	Hosting National Conference on Sustainability for Community Colleges
		National Recycling Award	Sustainable learning garden est. and used in classes	
		County Recycling Award	1.8 KW solar power installed by students	
		1.4 KW solar power installed by students	Sustainable Business Development class	
		Recycling rate > 60%		

Sustainability at Lane

Sustainability Policies

- Recycling
- Energy Conservation
- Design & Construction

Sustainability Core Value

- Integrate practices that support and improve the health of systems that sustain life.
- Provide an interdisciplinary learning environment that builds understanding of sustainable ecological, social, and economic systems, concern for environmental justice, and the competence to act on such knowledge.
- Equip and encourage all students and staff to participate actively in building a socially diverse, just, and sustainable society, while cultivating connections to local, regional, and global communities.

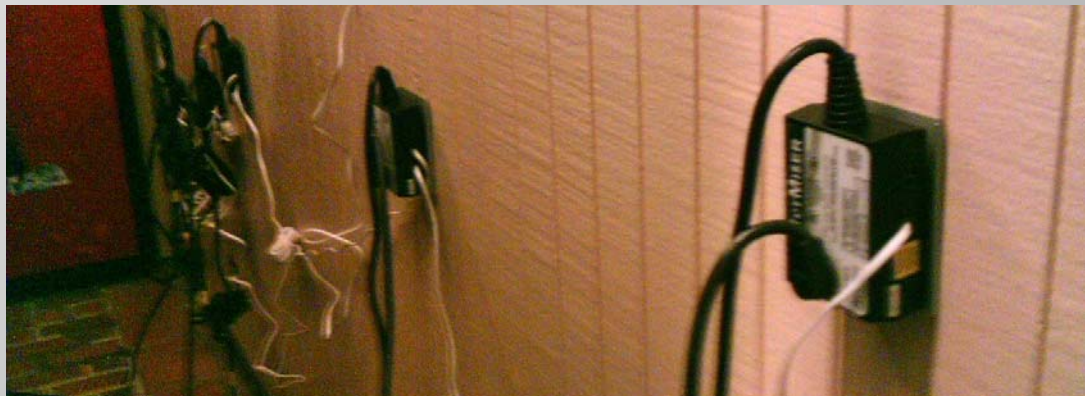
Climate Change

•American College and University Presidents Climate Commitment

- Energy Conservation
- Renewable Energy
- Recycling
- Transportation
- Other

Sustainability in Operations – Energy Conservation

- Strategy to fund energy conservation and renewable energy
- Full-time energy analyst
- Annual decrease in energy use



Sustainability in Operations – Renewable Energy

- 10% electricity purchased for Eugene facilities is wind energy from EWEB.
- 25% electricity purchased for Cottage Grove facility is renewable energy from EPUD.
- 20% biodiesel used in campus back up boilers.
- 3 kW on-site solar electricity.
- Ground source heat pump used to condition 4 small buildings.



Sustainability at Lane

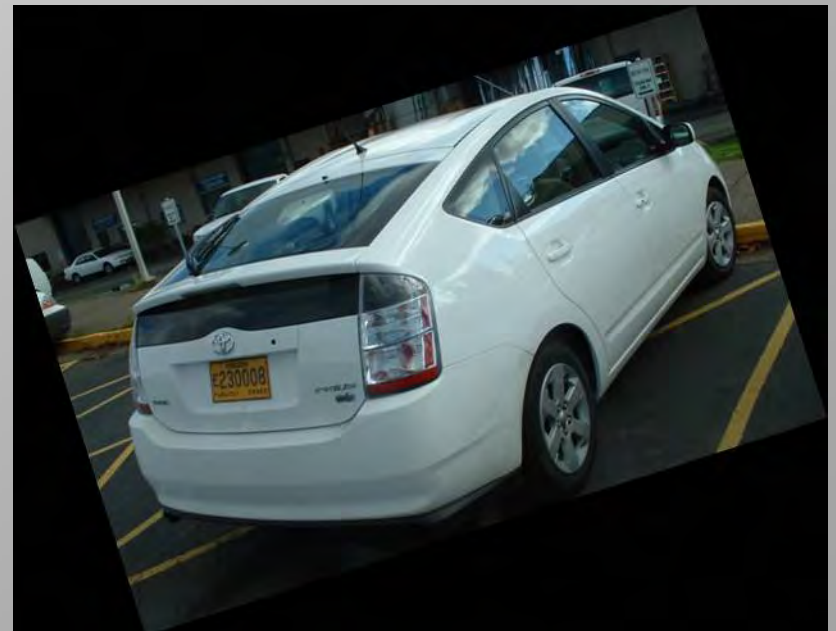
Sustainability in Operations - Recycling

- Full time Recycling Coordinator
- Focus on reuse – surplus property, office supplies, clothes
- Composting
- Very high recycling and reuse rate – 61%



Sustainability in Operations - Transportation

- Transportation demand management plan, including “free” bus passes for students
- Only “alternative” vehicles purchased for motorpool.



Sustainability in Operations - Other

- Green Cleaning products: Sustainable Earth
- No VOC paints, low odor markers, etc.
- Natural landscaping and minimal herbicide use.
- Focus on sustainability in Foodservices (local, organic, reusable service ware)
 - Herbs, veggies, and fruits grown on campus used in campus kitchens.



What's Next?

- Plan for becoming carbon neutral
- More solar installations & energy conservation
- Expanded recycling center and more recycling
- Expanded student learning garden
- LEED Certified Health and Wellness Building

Education for Sustainability at Lane

Sustainability Programs

- 2 year degree program in Energy Management
- 2 year degree program in Renewable Energy Technology
- 2 year degree program in Water Conservation Technology

Education for Sustainability at Lane

Classes about Sustainability

- Intro to Sustainability
- Global Health
- Global Climate Change
- Environmental Science
- Global Ecology
- Forest Ecology (plus over 20 additional biology classes that address sustainability topics)
- Nature Literature
- Nature, Religion, and Ecology
- Environmental Politics
- Peace and Conflict Studies
- Intro to Environmental and Natural Resources Economics
- Introduction to Water Resources

And More!

Education for Sustainability at Lane


Learning Communities

- Reconnecting with Nature: Science, Spirituality, and Political Activism
- Ecotrails: Ethnobotany and Composition

A New Learning Community




RECONNECTING WITH NATURE: Science, Spirituality, and Political Activism

Earth, our home, is endangered.
How can we help remedy this situation?
We, humankind, need to find a different relationship with the rest of nature.
Join us as we explore reconnecting with nature from the perspectives of science, spirituality, and political activism.



This Spring take the following 3 classes:
Global Ecology BI103G CRN40328, taught by Jerry Hall (1)
Nature, Religion, & Ecology REL243 CRN41047, taught by Clif Trolin (2)
Environmental Politics PS297 CRN40859, taught by Stan Taylor (3)

(1) partial fulfillment of biological/physical science with lab and fulfillment of ethnic/gender/cultural diversity AAOT requirements
(2) and (3) partial fulfillment of social science AAOT requirement



Spring 2005

Education for Sustainability at Lane

Classes that infuse sustainability

- Green Chemistry
- Biodiesel testing in Diesel Technology
- Ethanol conversion and testing in Automotive Technology
- Math – probability and statistics
- ESL
- GED

And More!

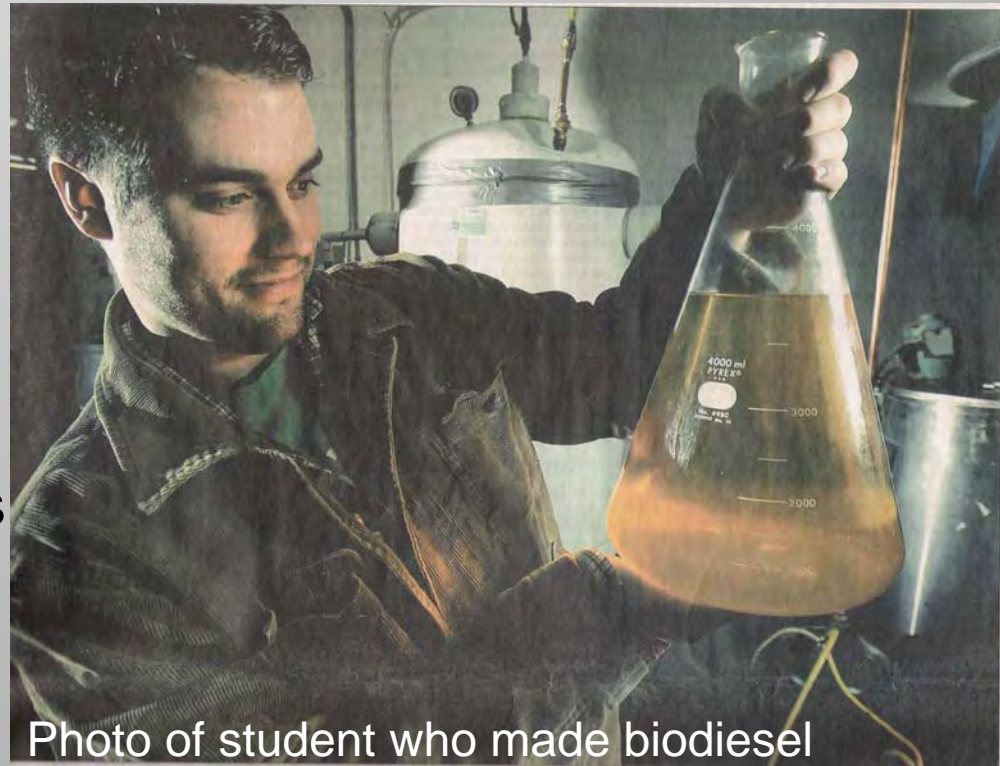


Photo of student who made biodiesel

Education for Sustainability at Lane

Continuing Education Classes – this spring

- Small Scale Solar Systems:

Explore small solar power systems suitable for your vacation cabin, RV or sailboat. Learn about batteries, charge controllers and solar panels...

- Grassroots Organizing – How to Save the World



Other continuing education classes have included instruction on building a home rainwater harvesting system

Education for Sustainability at Lane

Other Opportunities

- The Local Food Connection
- Peace Conference
- Energy Management Certification – July 14-25, 2008
- Building Operator Certification
- Sustainable Building Advisor Program – September 2008



**The Lane
Peace
Center**
Is Proud to Present the
**LANE COMMUNITY COLLEGE
PEACE & DEMOCRACY CONFERENCE**
February 29 - March 1, 2008

KEYNOTE SPEAKERS

Medea Benjamin
Cofounder of Global Exchange & CODEPINK

Bob Wing
Cofounder of **united for peace & justice**

The Lane Peace Center is committed to fostering peace in ourselves, our community, nation and world. We recognize that peace is rooted in social, economic, political, racial and environmental justice.

The annual conference will bring together educators, students, spiritual leaders, activists, community members, and political leaders dedicated to building a peaceful society and nation.

For more information and registration please contact:

PeaceCenter@lanecc.edu **www.lanecc.edu/peacecenter**



Peace Center
Lane
Community College

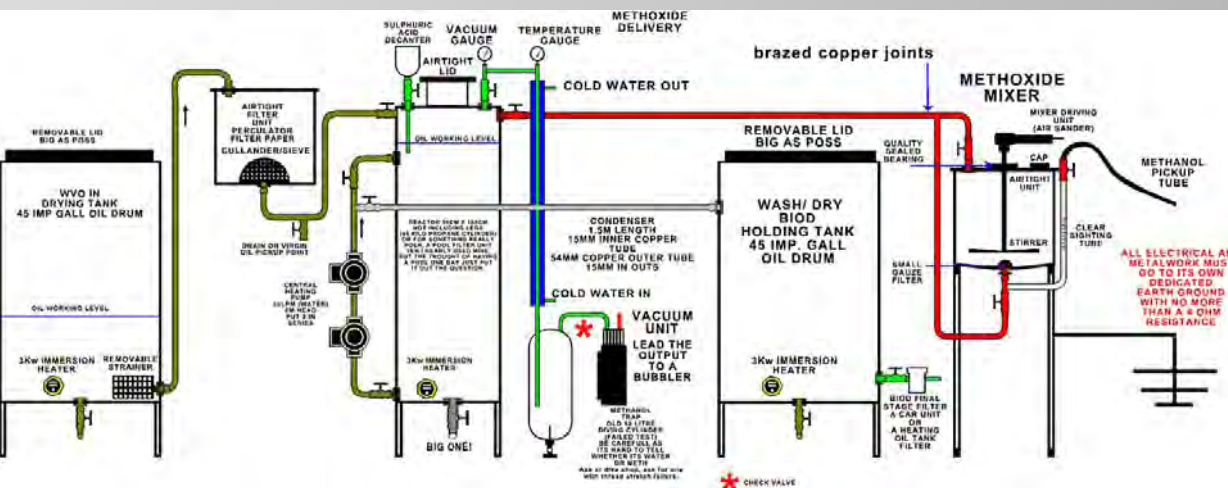
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Education for Sustainability at Lane

In the Future

- Green Stamp Classes
- More Sustainability Infusion
- Sustainability Course of Study
- Science Sustainability Recognition Award
- Sustainability Coordinator AAS

Laboratory for Students



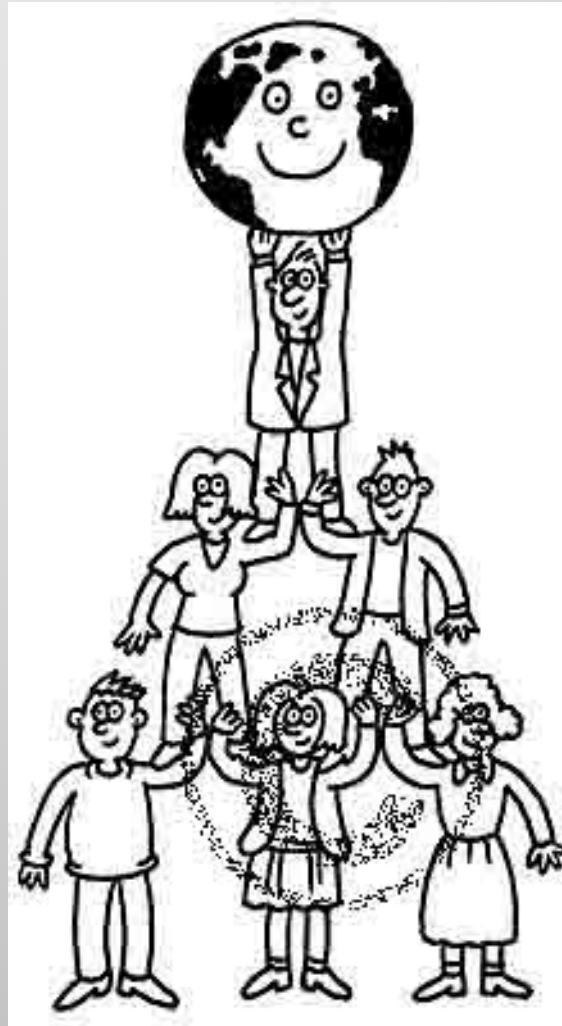
Laboratory for Students



College Operations

Community

Educational Partners



Instruction

Students

Business Partners

**Working together to weave sustainability into
the fabric of Lane Community College**