

Presentation to Lane's Executive Team



Jennifer Hayward, Sustainability Coordinator

Anna Scott, Energy Analyst

Mike Sims, Recycling Coordinator

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Taking responsibility



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

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

To Students

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



Lane's Sustainability Commitments

- **Talloires Declaration**
- **Lane's Core Value**
- **Lane's Sustainability Policies**
 - **Energy Conservation**
 - **Recycling**
 - **Design and Construction**
- **College and University Presidents Climate Commitment**

College and University Presidents Climate Commitment

- Lane Community College commits to being climate neutral by 2050.
- 16% decrease in energy use from FY '05 to FY '06.
- 10% electricity purchased as wind from utility.
- 1.4 kw solar electricity in place and a plan to add more on-site renewables every year.



Energy Use and Cost

| Year | EUI (btu/ft ²) | Cost | Cost w/o ECM's |
|-----------|-------------------------------|-------------|-------------------|
| 2003/2004 | 91,460 | \$1,121,460 | N/A |
| 2004/2005 | 90,882 | \$1,226,766 | N/A |
| 2005/2006 | 76,167 | \$1,458,809 | \$1,700,000 |

Energy Unit Plan

- Building Systems Commissioning
 - HVAC and lighting equipment and controls
- Efficient Office Equipment
 - Computer Monitor and CF Lamp replacements
- Energy Efficiency Measures
 - Computer power management
 - Native American Longhouse
- Renewable Energy Projects
 - Solar hot water
 - for BLD 5 PE and BLD 7 Laundry
 - Instructional Opportunities – Spring 07 solar installation class

Energy Related Greenhouse Gas Emissions

| Year | Total CO2 per FTE students + FTE staff (lbs) | Total CO2 All Facilities (tons) |
|-----------|--|---------------------------------------|
| 2004/2005 | 544 lbs | 2951 tons |
| 2005/2006 | 487 lbs | 2783 tons |

Lane's Sustainability Recognition and Partnerships

- Recycler of the Year Award for an Organization from the Association of Oregon Recyclers
- Community Sustainability Award from City of Eugene Mayor Kitty Piercy
- Campus Sustainability Leadership Award from the Association for the Advancement of Sustainability in Higher Education
- Trashbuster Award for Nonprofits from Lane County Public Works
- National Recycling Coalition Award for Outstanding Recycling Program

Possibly to come: State of Oregon Sustainability Award & work with Governor's office



Reuse and Recycling Rate for FY 05-06: 61%

Comparative Reuse and Recycling Rate/Savings

| FY | Rate | Recycled | Landfilled | Savings/Revenue |
|-------|------|--------------|------------|------------------|
| 03-04 | 52% | 340 | 317 | \$45,631 |
| 04-05 | 58% | 458 | 358 | \$49,402 |
| 05-06 | 61% | 485 | 314 | \$60,374 |
| 06-07 | 63% | 525 | 300 | \$64,733 |
| | | 1,283 | 989 | \$220,140 |

Revenue and Savings Summary FY 05-06

| | |
|--|-----------------|
| Revenue from paper sales | \$1,458 |
| Revenue from surplus property sales | \$18,630 |
| Revenue from container deposits | \$1,834 |
| Revenue from mixed plastic/e-recycling | \$41 |
| Revenue from metal recycling | \$6,076 |
| Cost savings from reuse of material | \$10,260 |
| Cost savings from landfill avoidance | \$22,075 |
| | \$60,374 |

Recycling's Growing Contribution

Five Year Plan:

2005-2006 (Actual): \$60,333 savings and revenue

2006-2007 (Projected): \$64,733 savings and revenue

2009-2010 (Projected): \$87,000 savings and revenue

By 2010, Recycling projects it will cover approximately 90% of its expenses in addition to providing instructional activities and demonstration projects that bring people to campus.

Instructional Opportunities:

Recycling and Waste Management employment statistics rival those of the auto industry (EPA/NRC Joint Report, 2007).

Target Groups: Lane County Master Recyclers, BRING Recycling

Sustainability at Lane is...

- **Good for the college's bottom line**
- **Good publicity**
- **Good for student, faculty, and staff recruitment**
- **Good for Lane's long-term financial stability**
- **Good for the long-term health of our community**


Some Future Actions and Outcomes

ACTIONS

- Managers Forum – Instituting Sustainability in Departments
- Planning for Health and Wellness and Bond 2008
- Sustainability Conferences
 - May 18, 2007
 - October 15 & 16, 2007
 - April 16 & 27, 2008

OUTCOMES

- Environmental literacy degree requirement
- Sustainability training/degree program
- LEED Certified Buildings
- Zero waste
- Carbon Neutral by 2050
- Net – Energy Producing campus

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- LEADING CHANGE TOWARD
Sustainability
- A Change Management Guide for
Business, Government, and Civil Society*
- Bob Doppelt
- with a foreword by William K. Rouse

