

striving for zero waste

Campus Recycling & Zero Waste Workshop

College and University Recycling Coalition



Room 518

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The Association for the Advancement of Sustainability in Higher Education

October 2012

State of California Legislation/ UC Policy

1989 Assembly Bill 939: Cities and Counties

Reduce Waste by 25% by 1995

Reduce Waste by 50% by 2000

1999 Assembly Bill 75: State Facilities

Reduce Waste by 25% by 2002

Reduce Waste by 50% by 2004

2004 UC Sustainability Policy

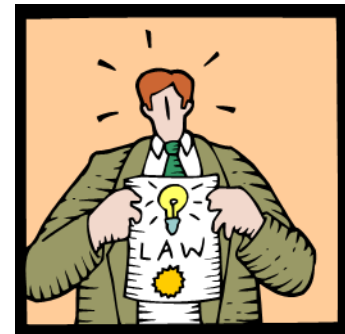
Reduce Waste by 50% by June 2008

Reduce Waste by 75% by June 2012

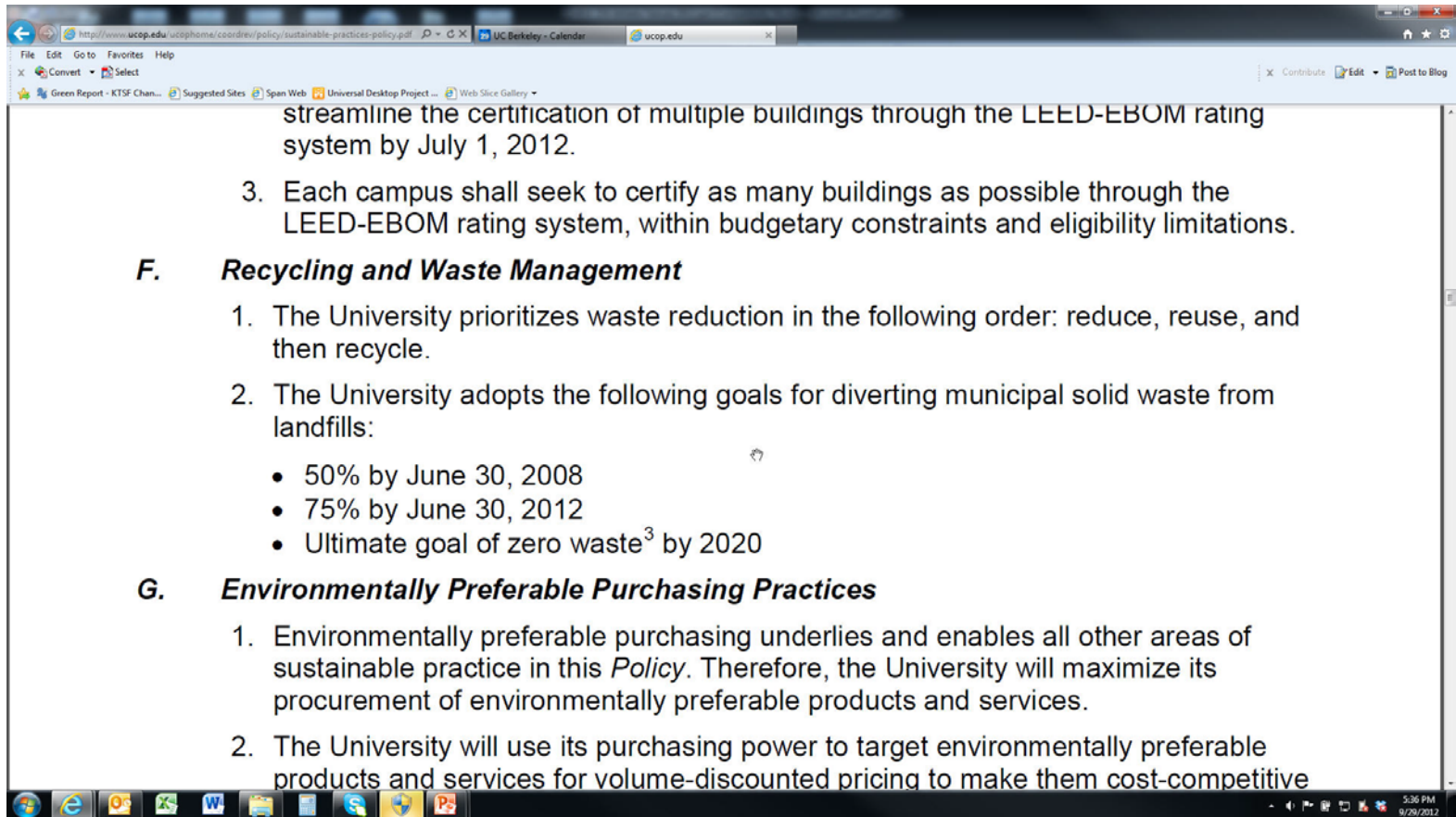
Zero Waste by 2020

2011 Assembly Bill 341

Reduce Waste by 75% by 2020



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streamline the certification of multiple buildings through the LEED-EBOM rating system by July 1, 2012.

3. Each campus shall seek to certify as many buildings as possible through the LEED-EBOM rating system, within budgetary constraints and eligibility limitations.

F. Recycling and Waste Management

1. The University prioritizes waste reduction in the following order: reduce, reuse, and then recycle.
2. The University adopts the following goals for diverting municipal solid waste from landfills:
 - 50% by June 30, 2008
 - 75% by June 30, 2012
 - Ultimate goal of zero waste³ by 2020

G. Environmentally Preferable Purchasing Practices

1. Environmentally preferable purchasing underlies and enables all other areas of sustainable practice in this *Policy*. Therefore, the University will maximize its procurement of environmentally preferable products and services.
2. The University will use its purchasing power to target environmentally preferable products and services for volume-discounted pricing to make them cost-competitive

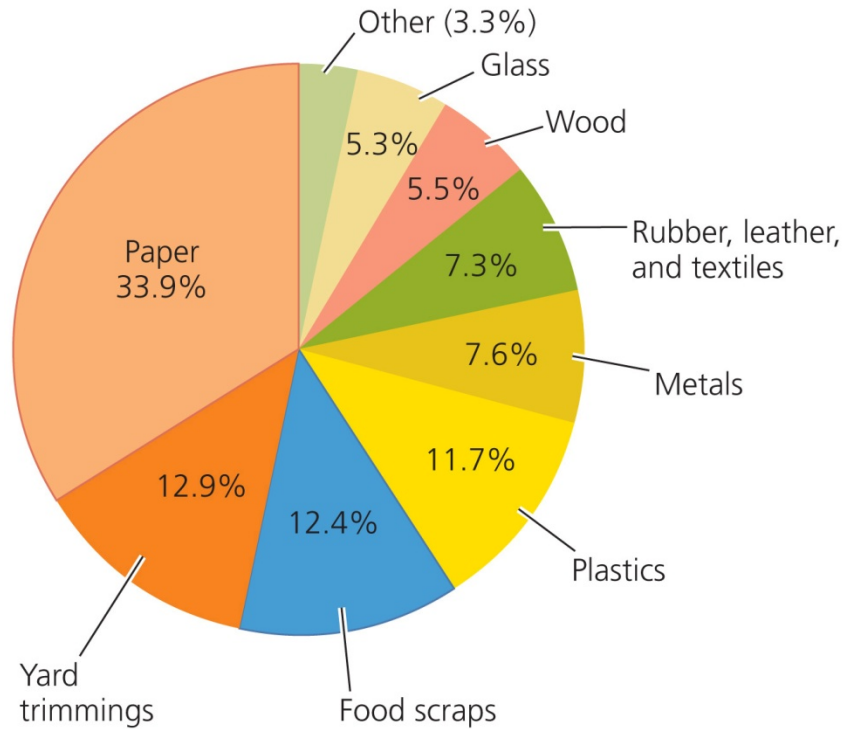
<http://sustainability.universityofcalifornia.edu/policy.html>

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Working our way to Zero Waste:

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The average American generates 2.1 kg (4.6 lb) of trash per day — more than citizens of any other nation.

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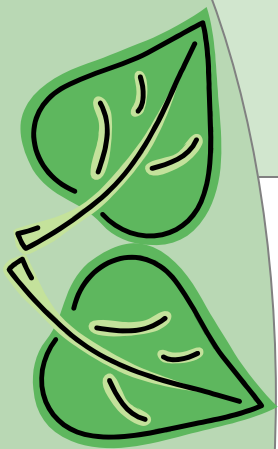
Zero waste:

For the purposes of measuring compliance with UC's zero waste goal, campuses need to at least meet or exceed 95% diversion of municipal solid waste. Ultimately, UC's zero waste goal strives for the elimination of all materials sent to the landfill by 2020.

Excludes:

1. Incineration or Waste To Energy (Burn)
2. Dirty MRF
3. Alternative Daily Cover

“Best and Highest Use of Resources”



Why Zero Waste?:

Eliminate Fuzzy Math:

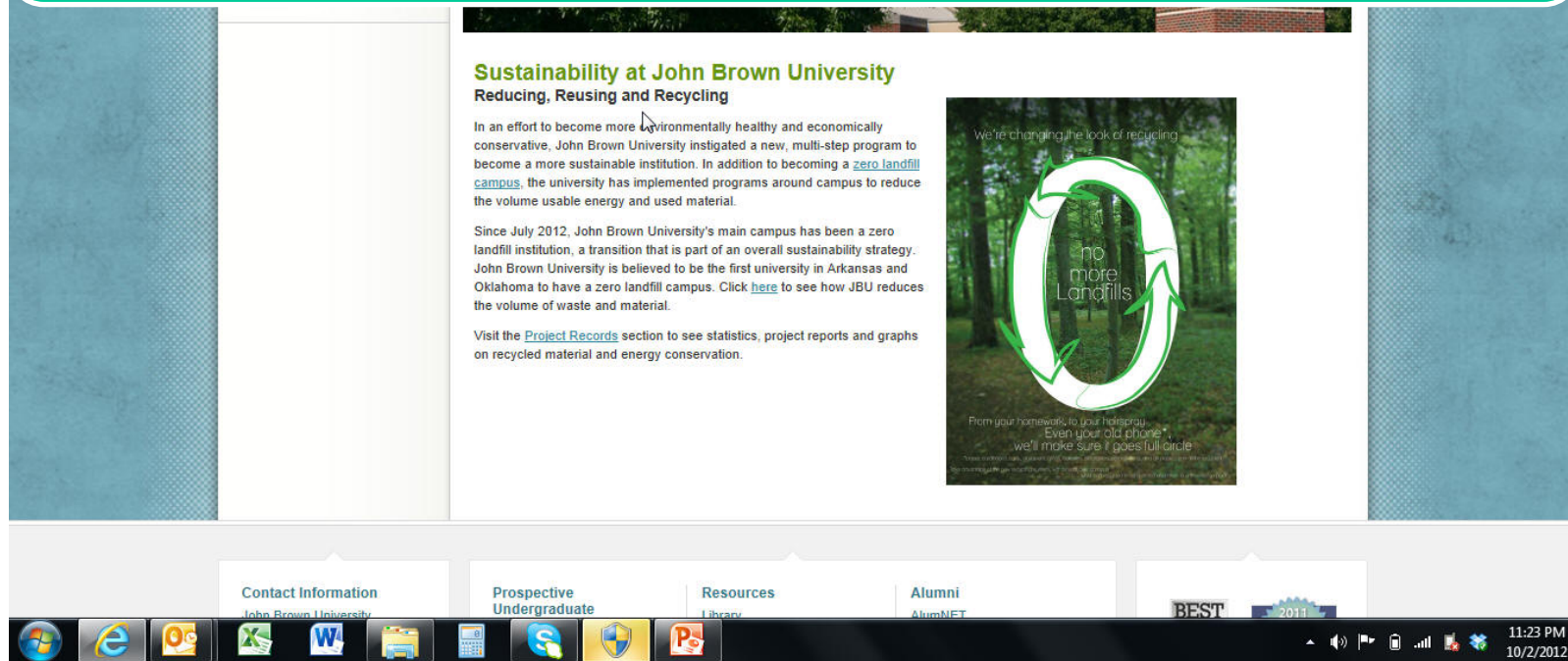
Switch from Diversion Numbers to Disposal Based Reporting



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What is "zero landfill"?

Zero landfill means any waste material from JBU is diverted from landfills either through recycling or non-emission incineration. More than 50% of JBU's trash is recycled, and the rest is compacted and incinerated with no emission.

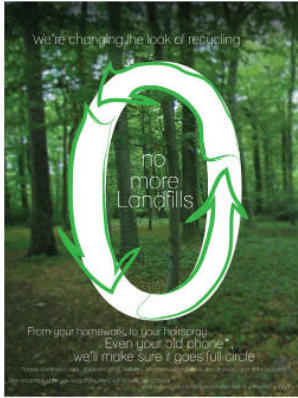


Sustainability at John Brown University
Reducing, Reusing and Recycling

In an effort to become more environmentally healthy and economically conservative, John Brown University instigated a new, multi-step program to become a more sustainable institution. In addition to becoming a [zero landfill campus](#), the university has implemented programs around campus to reduce the volume usable energy and used material.

Since July 2012, John Brown University's main campus has been a zero landfill institution, a transition that is part of an overall sustainability strategy. John Brown University is believed to be the first university in Arkansas and Oklahoma to have a zero landfill campus. Click [here](#) to see how JBU reduces the volume of waste and material.

Visit the [Project Records](#) section to see statistics, project reports and graphs on recycled material and energy conservation.



We're changing the look of recycling

no more Landfills

From your homework, to your hairspray...
Even your old phone...
we'll make sure it goes full circle.

CONTACT INFORMATION
John Brown University

PROSPECTIVE UNDERGRADUATE

RESOURCES
Library

ALUMNI
AlumNET

BEST 2011

11:23 PM 10/2/2012

Zero Landfill is not Zero Waste

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Achieving Zero Waste by 2020 Strategies

- Waste Reduction Initiatives
- Reuse
- Repair
- Recycling (Source Separation)
- Composting



Downstream

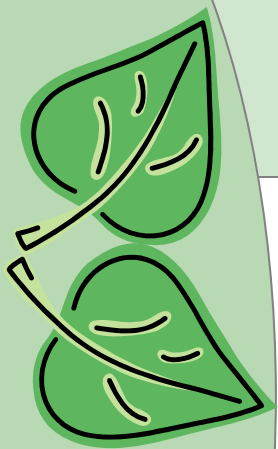
75%

- Purchasing/ ReDesign
- Behavior Incentives and Disincentives

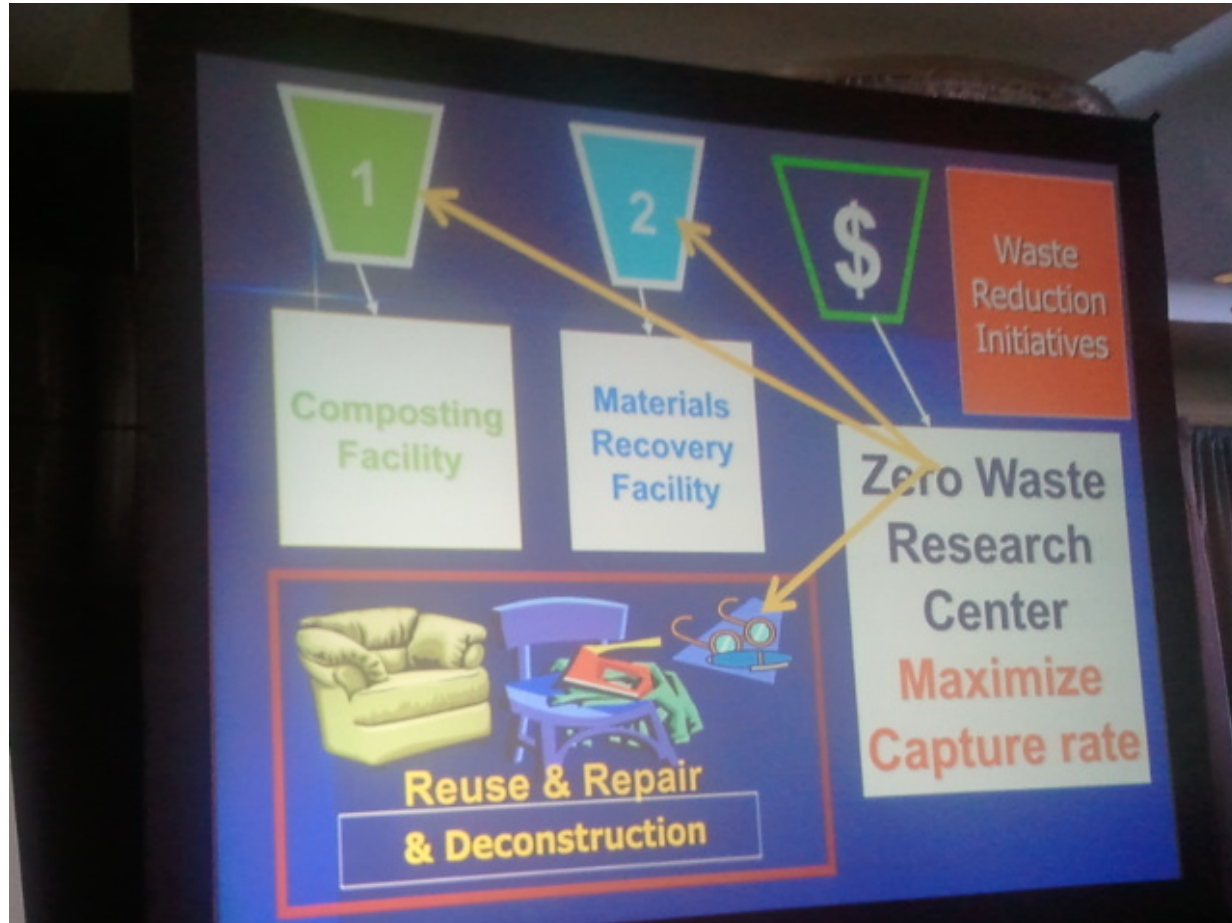


Upstream

25%



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Courtesy: Dr. Paul Connett

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Recovery and Collections

Clear and Consistent Signage



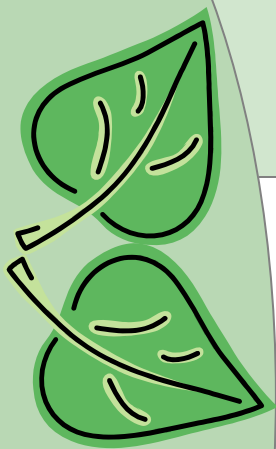
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Education, Outreach, & Volunteers



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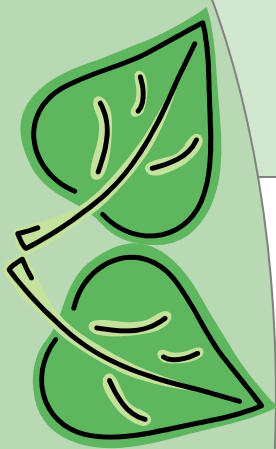
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Recovery and Collection Stations



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COMPOST M LANDFILL



01/18/2011



MIXED PAPER

LANDFILL

CANS & BOTTLES

01/18/2011

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Thank you



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The Evolution of the waste can



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