HOKKAIDO UNIVERSITY

Title	Sustainability at the University of Oregon
Author(s)	Mital, Steve
Citation	サステイナブルキャンパス国際シンポジウム2011 = Sustainable Campus International Symposium 2011. 2011年10月26日（水）. 北海道大学学術交流会館 講堂, 札幌市.
Issue Date	2011-10-26
Doc URL	http://hdl.handle.net/2115/49769
Type	conference presentation
File Information	02Mital.pdf

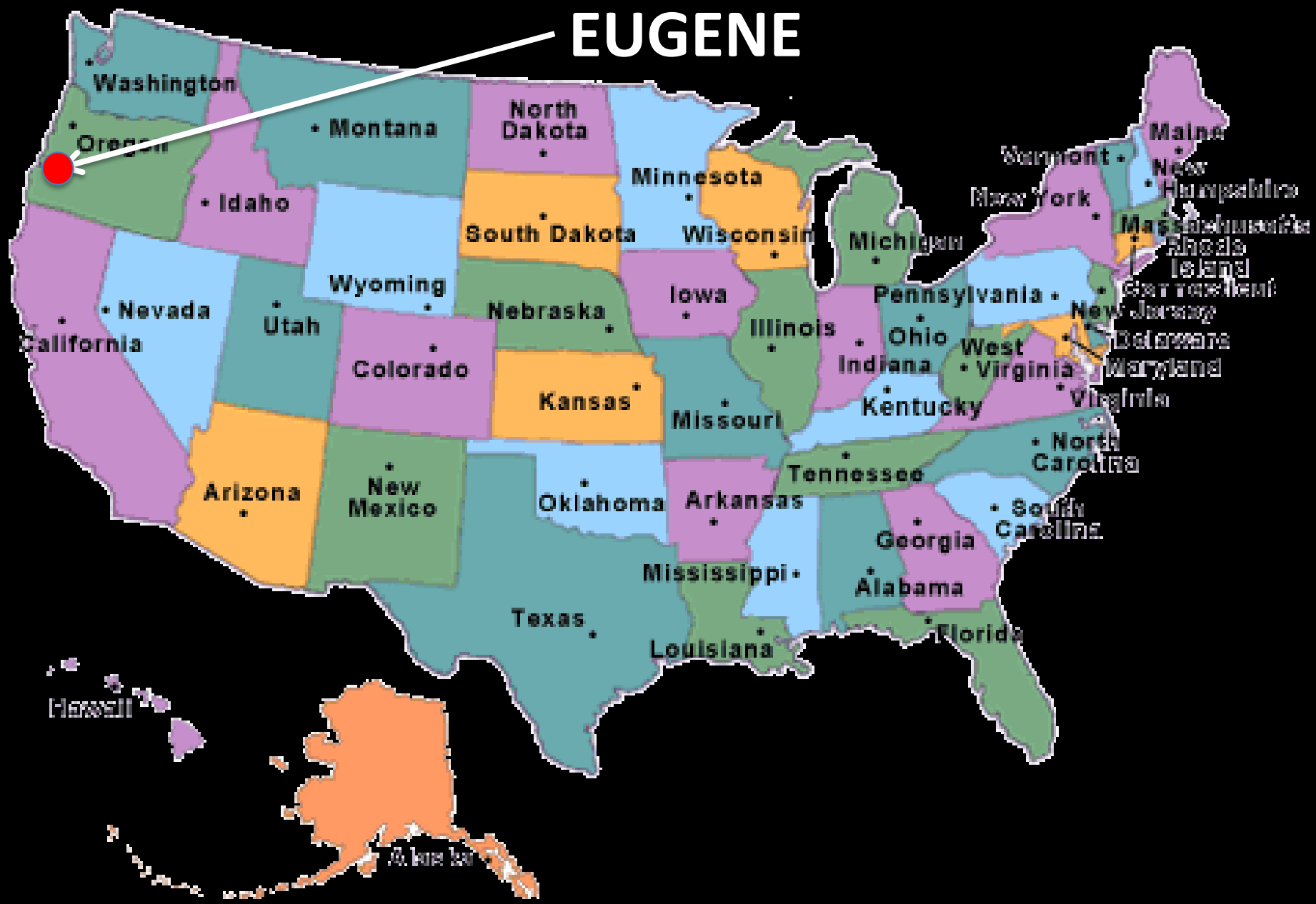
Instructions for use

Hokkaido University Collection of Scholarly and Academic Papers : HUSCAP

Sustainability at the University of Oregon

Steve Mital
University of Oregon
Director of Sustainability

International Symposium on Campus Sustainability
Hokkaido University Sapporo, Japan
October 26, 2011


EUGENE
Washington
Oregon
Montana
North Dakota
Minnesota
Idaho
South Dakota
Wisconsin
Michigan
Vermont
Maine
New Hampshire
New York
Massachusetts
Rhode Island
Wyoming
Nevada
Utah
Nebraska
Iowa
Pennsylvania
Connecticut
New Jersey
California
Illinois
Ohio
Delaware
Colorado
Indiana
West Virginia
Maryland
Kansas
Kentucky
Virginia
Missouri
North Carolina
Tennessee
Arizona
New Mexico
Oklahoma
Arkansas
South Carolina
Georgia
Mississippi
Alabama
Texas
Florida
Louisiana
Hawaii
Alaska

Institutional Profile

- 295 acres
- 6.5 million sq. ft. of building space
- 4,000 employees
- 24,000 students

University of Oregon

オレゴン大学に於けるサステイナビリティ

所在地	オレゴン州ユージン市
大学創立	1876年（北大と同じ年）
敷地面積	１１９ha
建物延べ床面積	６０万㎡
教職員	４，０００人
学生	２４，０００人

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

サステイナビリティ オフィの役割		
オフィスの使命		サステイナビリティを運営管理、主教科、副教科、研究に結びつけ、地域コミュニティと連携する

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

MAJOR FOCUS AREAS

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

MONITORING & REPORTING	**GOALS**	Establish metrics and track institutional sustainability performance. Create and manage comprehensive inventory of institutional sustainability initiatives.
モニタリングと報告	目　　標	サステイナビリティの運営管理面での成果を計測評価し、追跡調査を行う。 包括的な評価項目を創り、管理する。

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

MAJOR FOCUS AREAS

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

MONITORING & REPORTING	**GOALS**	Establish metrics and track institutional sustainability performance. Create and manage comprehensive inventory of institutional sustainability initiatives.
POLICY DEVELOPMENT	**GOALS**	Develop policies that promote environmentally sensitive behavior and environmentally responsible development and stewardship of campus assets.
政策の展開	**目　標**	**環境配慮行動と責任感、キャンパスの財産管理を推進する施策を展開する。**

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

MAJOR FOCUS AREAS

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

MONITORING & REPORTING	**GOALS**	Establish metrics and track institutional sustainability performance. Create and manage comprehensive inventory of institutional sustainability initiatives.
POLICY DEVELOPMENT	**GOALS**	Develop policies that promote environmentally sensitive behavior and environmentally responsible development and stewardship of campus assets.
ADVISE & SUPPORT	**GOALS**	Support faculty, staff, and students working to integrate sustainability practices and policies into their programming.
アドバイスとサポート		学部（教員）、職員、学生がサステイナビリティに関する実地活動と施策を彼らの計画に盛り込むサポートを行う。

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

MAJOR FOCUS AREAS

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

MONITORING & REPORTING	**GOALS**	Establish metrics and track institutional sustainability performance. Create and manage comprehensive inventory of institutional sustainability initiatives.
POLICY DEVELOPMENT	**GOALS**	Develop policies that promote environmentally sensitive behavior and environmentally responsible development and stewardship of campus assets.
ADVISE & SUPPORT	**GOALS**	Support faculty, staff, and students working to integrate sustainability practices and policies into their programming.
PROGRAM DEVELOPMENT & MANAGEMENT	**GOALS**	Create and manage innovative programs and events, in partnership with other campus units whenever possible, that integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

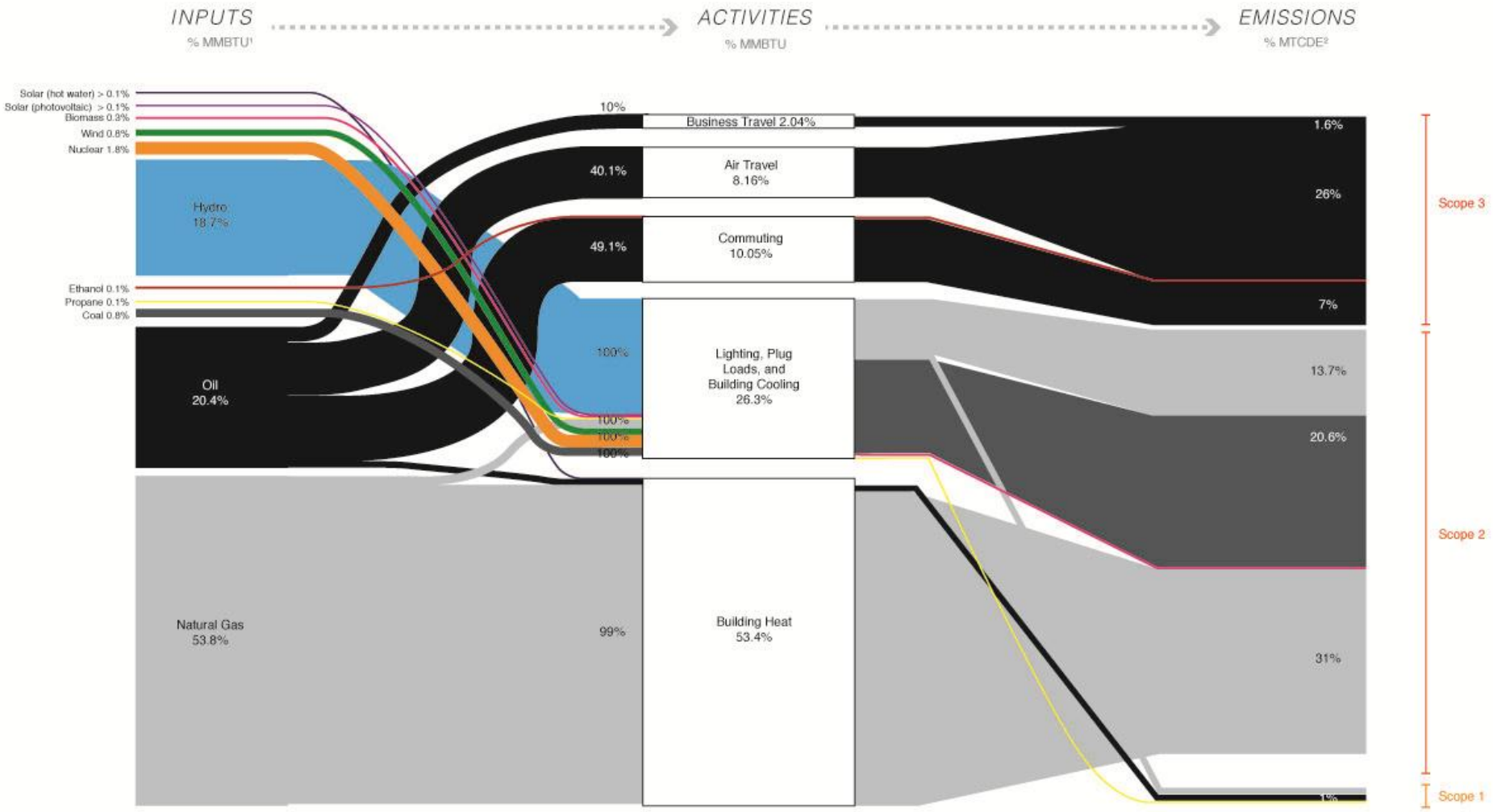
MAJOR FOCUS AREAS

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

MONITORING & REPORTING	**GOALS**	Establish metrics and track institutional sustainability performance. Create and manage comprehensive inventory of institutional sustainability initiatives.
POLICY DEVELOPMENT	**GOALS**	Develop policies that promote environmentally sensitive behavior and environmentally responsible development and stewardship of campus assets.
ADVISE & SUPPORT	**GOALS**	Support faculty, staff, and students working to integrate sustainability practices and policies into their programming.
PROGRAM DEVELOPMENT & MANAGEMENT	**GOALS**	Create and manage innovative programs and events, in partnership with other campus units whenever possible, that integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.
PROMOTION & COMMUNICATION	**GOALS**	Communicate progress to internal and external audiences. Position UO as leader in campus sustainability.

Office of Sustainability

University of Oregon Energy Flow in 2008: Inputs, Activities, and Emissions



UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

プログラム作りとマネージメント		斬新なプログラムやイベントを、可能な限り大学内部の他部署と共同で創出し、運営管理を行う。その結果、サステイナビリティを包括的に運営、主教科、副次教科、研究に結びつけ、地域のコミュニティとの結びつきを強める
プロモーション活動とコミュニケーション		大学内部及び外部（第三者）関係者とのコミュニケーションを推進し、キャンパスサステイナビリティにおけるオレゴン大学の指導的立場を確立する。

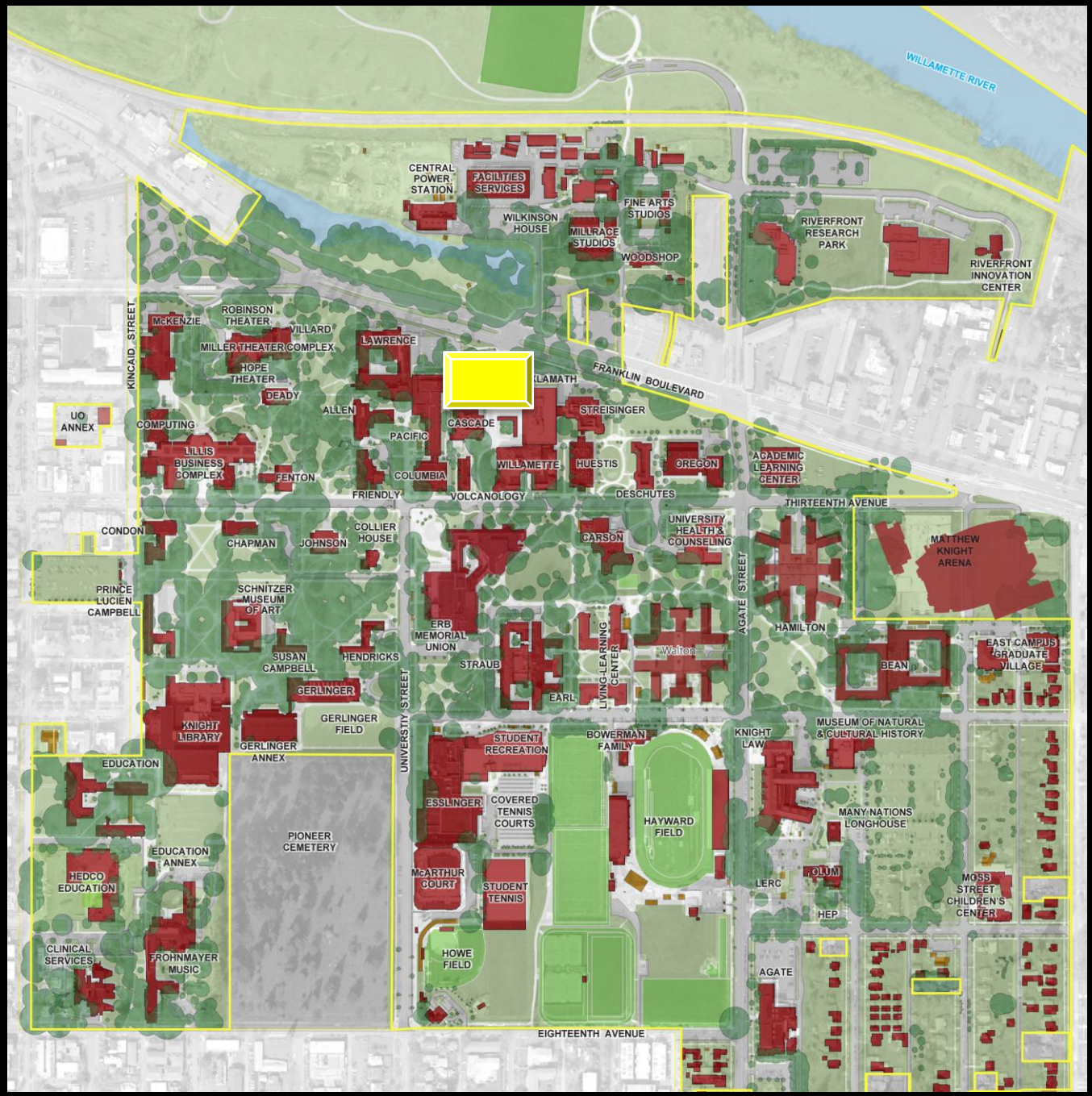
Oregon Model for Sustainable Design

POLICY:

No new purchased energy

MECHANISMS:

1. All new buildings meet LEED GOLD
2. Buildings must perform 35% better than code



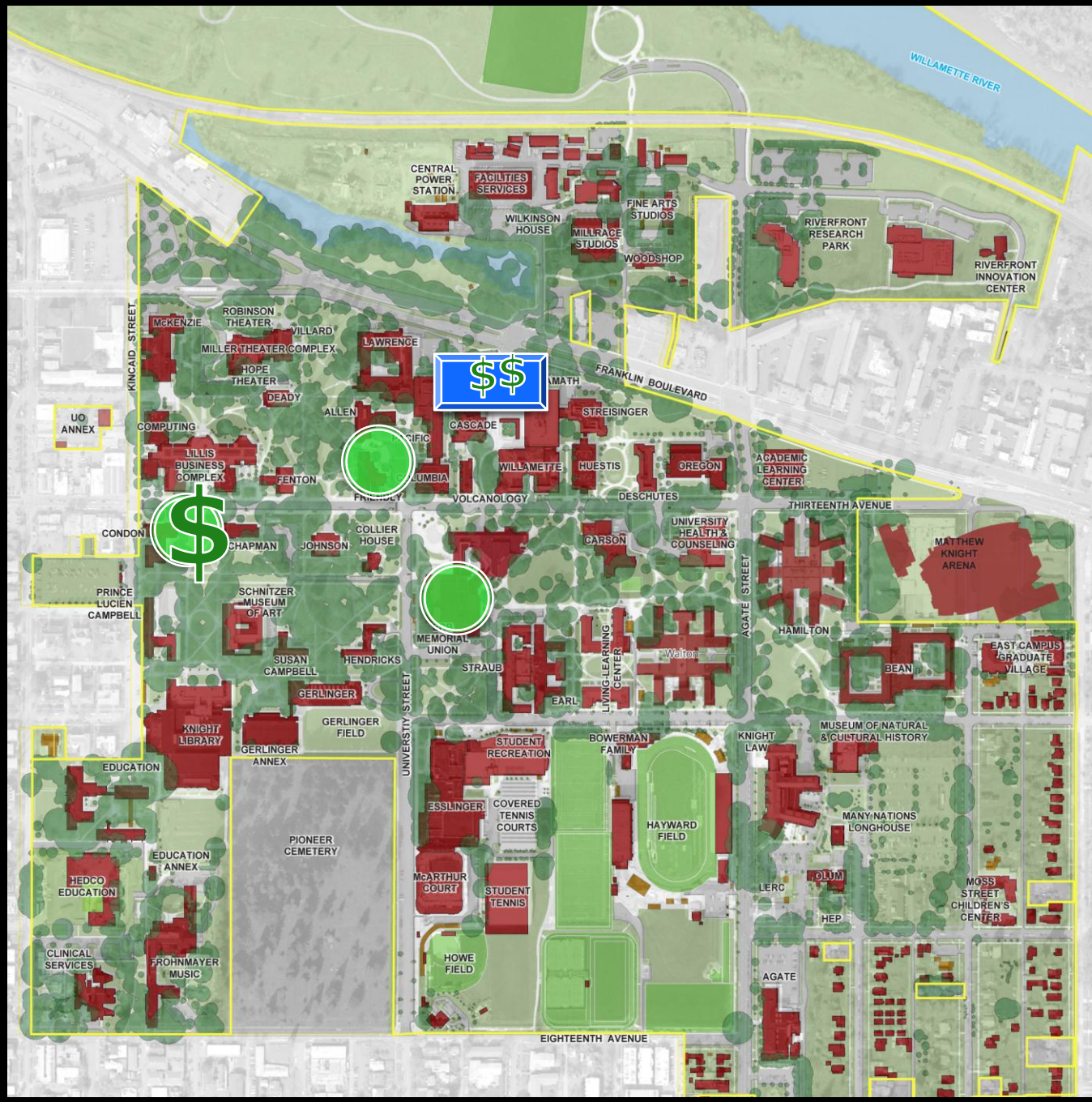
Oregon Model for Sustainable Design

POLICY:

No new purchased energy

MECHANISMS:

1. All new buildings meet LEED GOLD
2. Buildings must perform 35% better than code
3. All energy must be harvested from existing campus buildings



Oregon Model for Sustainable Design

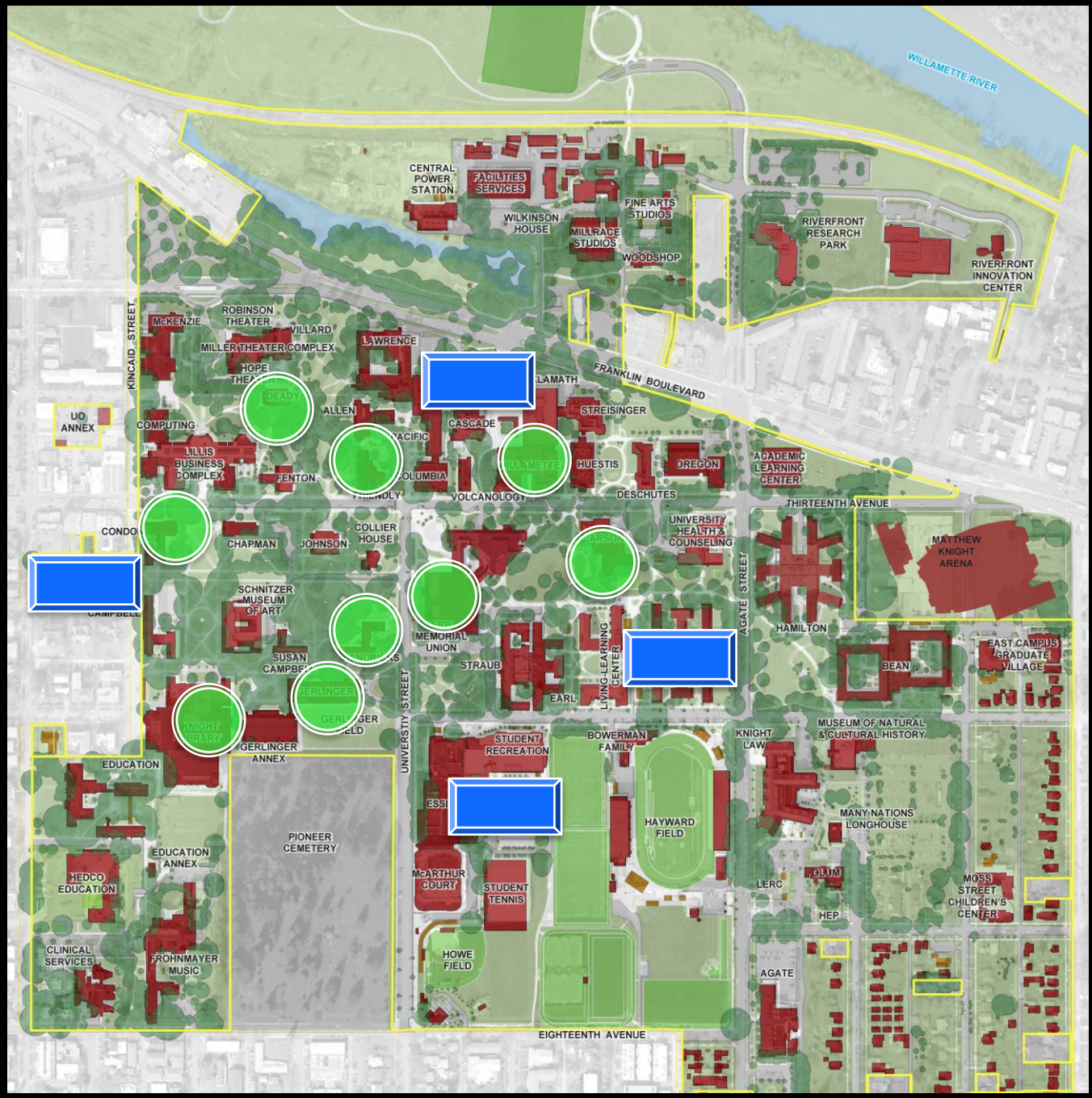
POLICY:

No new purchased energy

MECHANISMS:

1. All new buildings meet LEED GOLD
2. Buildings must perform 35% better than code
3. All energy must be harvested from existing campus buildings

IMPACT:



University of Oregon

オレゴン大学に於けるサステイナブルデザイン

ポリシー　　新規のエネルギー購入はゼロとする

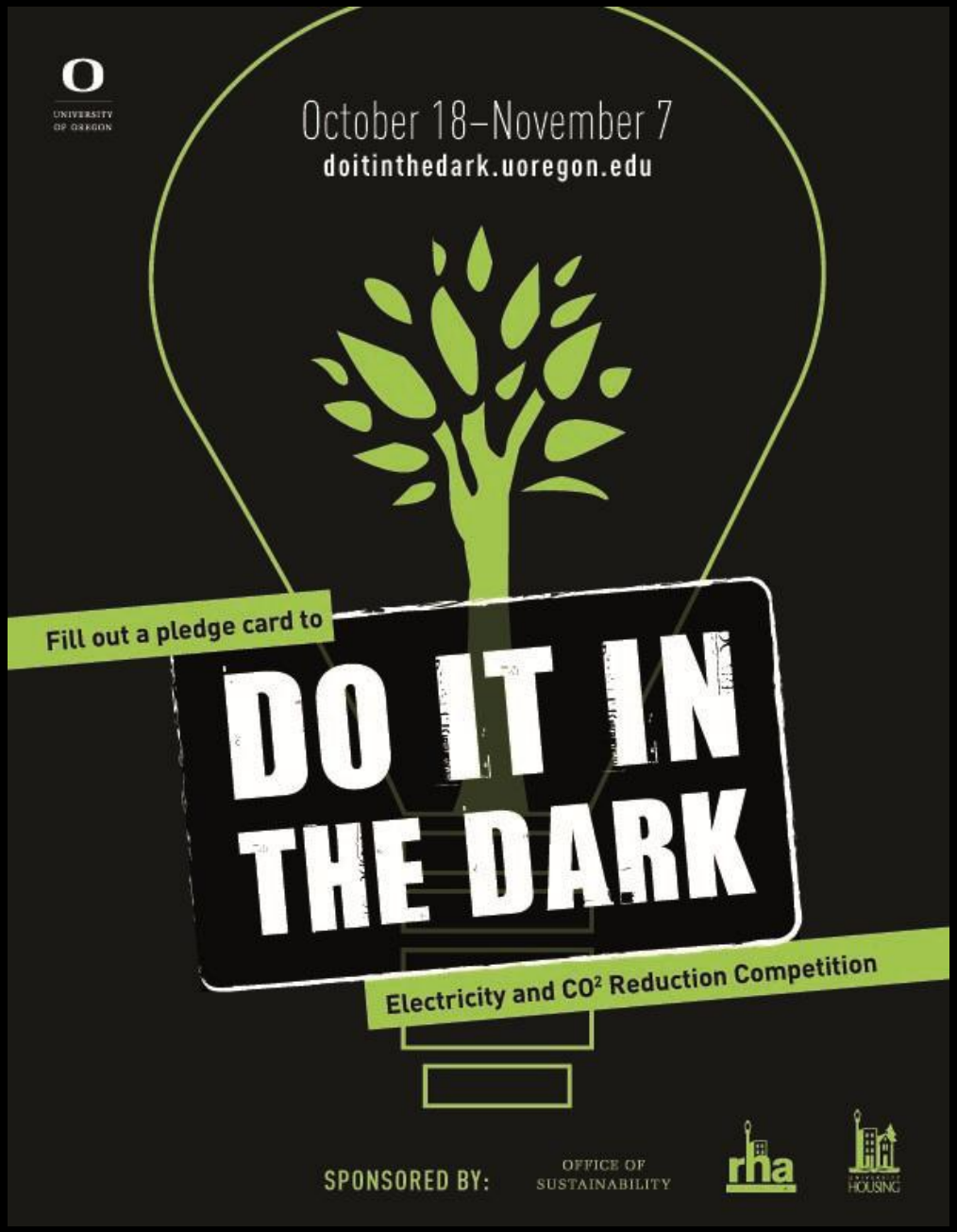
実行手段　　・新築する建物は全てLEEDのGOLDとする。
建物は全てエネルギー効率の規準より
・35%上回るようにする。
・全てのエネルギーは既存のキャンパスの
建物から産み出さねばならない

環境負荷

Sustainable Cities Year

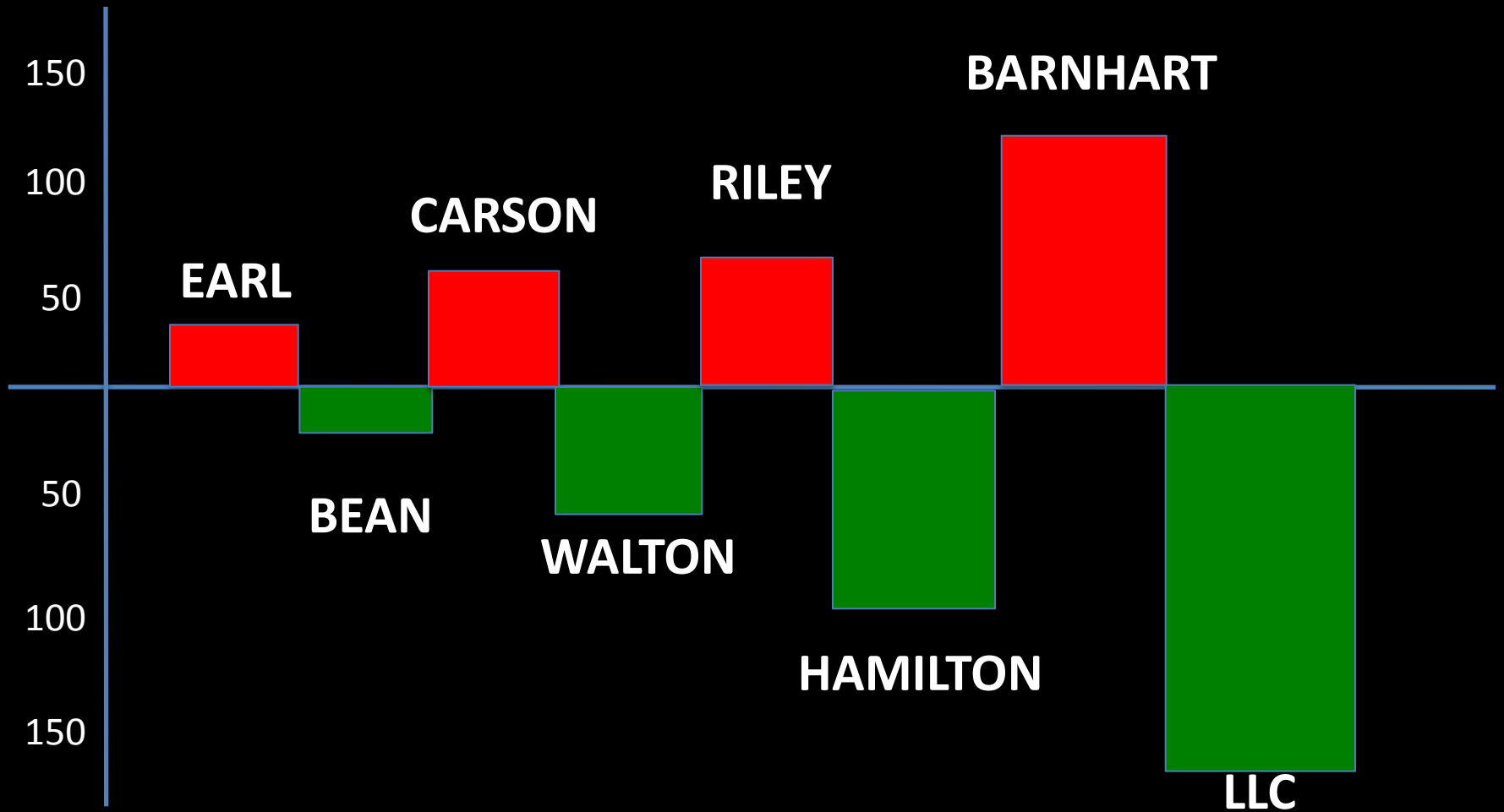
- *SCY applied **28 courses across 10 disciplines with more than 500 students for 80-100,000 hours of work toward 16 city-identified projects.***

- The New York Times called SCY “perhaps the most comprehensive effort by a U.S. university to infuse sustainability into its curricula and community outreach.”


UNIVERSITY OF OREGON
October 18–November 7
doitinthedark.uoregon.edu
Fill out a pledge card to
DO IT IN THE DARK
Electricity and CO² Reduction Competition
SPONSORED BY:
OFFICE OF SUSTAINABILITY
rha
HOUSING

2010 Results

Average number of watt-hours per student below (or above) baseline



University of Oregon

「サステイナブルな都市」年―SCY

・SCYは、１０の研究分野を横断する２８のコースを当てはめ、市との共同の16プロジェクトに、500人以上の学生に延べ8万時間から10万時間の作業を課した。

・ニューヨークタイムス紙は、SCYを表して、「おそらく米国の大学よる、サステイナビリティを教科に取り込むと同時にコミュニティに拡げていく、最も幅の広い努力である」と報じた。

「電力節約、二酸化炭素排出量削減キャンペーン」
暗闇の中でどこまで出来るか？

・ ２０１０年の結果　参加学生の電力使用量（whr）平均からの乖離

UNIVERSITY OF OREGON

UO Home | Dept Index

LOGIN/REGISTER

ECOCHALLENGE

LOGIN/REGISTER ABOUT CHOOSE YOUR ECOCHALLENGE PARTICIPANTS IMPACT UO OFFICE OF SUSTAINABILITY

About

The **UO ECOCHALLENGE** celebrates **Earth Week** with hundreds of individual actions by UO faculty, staff, and students. Participation is simple. It takes just minutes to register and select from dozens of simple actions you can take during Earth Week. Then customize your selection to fit your lifestyle. By committing to an Ecochallenge, you'll find out how to reduce your impact, create lasting new habits, and hopefully open up dialogues about sustainability at the University of Oregon and with your family and friends too.

Whether the Ecochallenge is your first step toward a lower impact lifestyle, or you've been around the environmental block many times, we invite you to challenge yourself this **April 18 – 24**. We all have important roles to play in creating a sustainable future. Register today, and join a growing community of people who are taking action on behalf of our common future!

RECENT BLOG POSTS

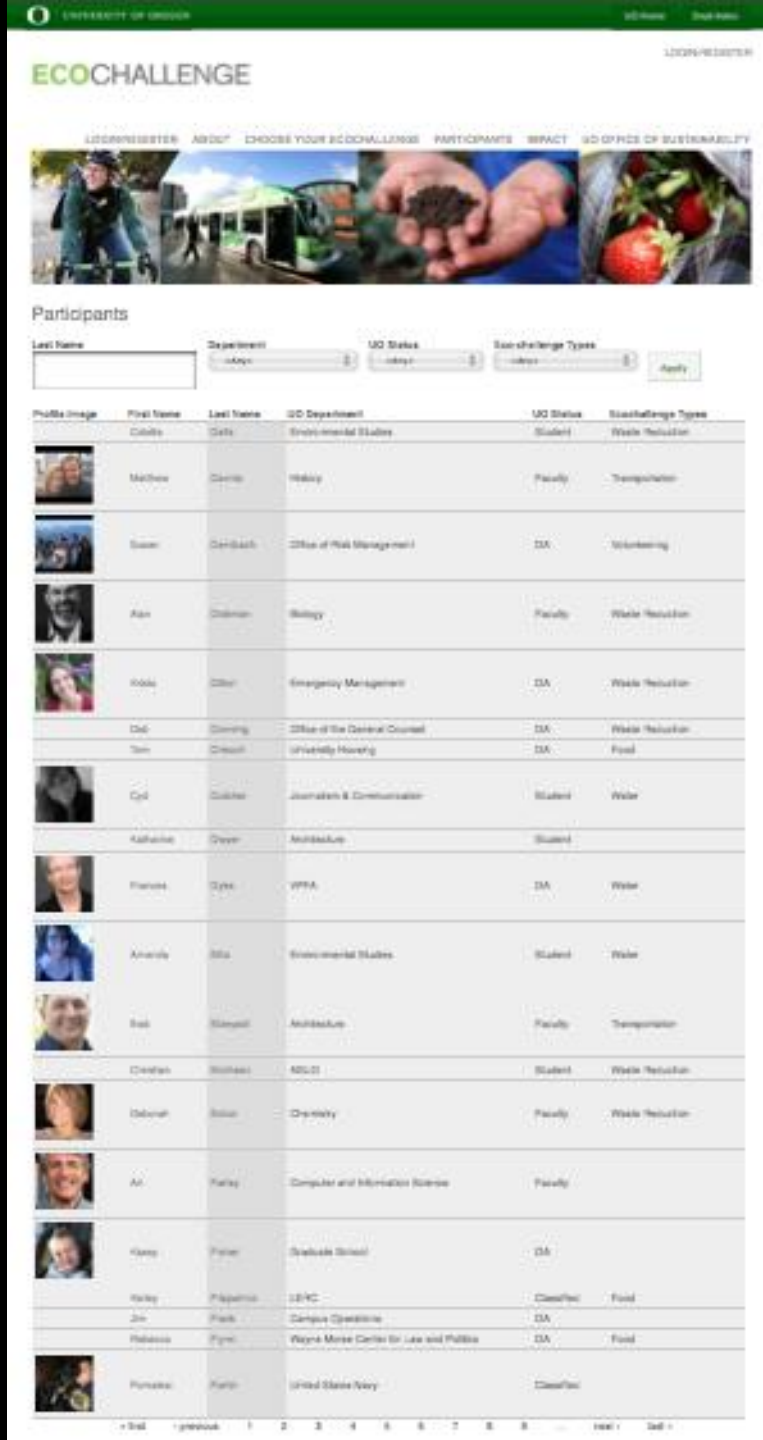
more eco-friendly painting

posted by: Skye Blaine -4/25/2011

This weekend we painted the living room. We found some paint with almost no smell, with zero VOCs: Benjamin Moore Natura. Painted the room yesterday morning, had a group of people over yesterday evening, who couldn't even tell that we had painted. Now our room has a beautiful cranberry wall, and we didn't poison

http://uoecochallenge.org/

- Website development cost: $6,500
- 200 Participants in Year One
- Year Two outreach includes UO alumni network of 160,000 people
- Great engagement/culture change program with limited staff investement



Some Context

- 670 universities signed the Presidents' Climate Commitment
- Hundreds of institutions have sustainability directors
- 1305 universities have completed GHG inventories
- 320 Universities committed to completing STARS reports
- Etc., Etc.

University of Oregon

エコチャレンジ：参加型プログラム

・教職員、学生による数百の個別の活動でエコ・ウィークを祝う

ウェブサイトの開発コスト：6,500ドル

・初年度の参加者200名

・2年目には、オレゴン大学同窓生16万人のネットワークを含む規模に広がった。

・限られたスタッフの投資で、大きな参加型＋雰囲気を変えるプログラムとなった。

〇670大学が「学長の環境宣言」に合意した。

〇数百の研究機関が、サステイナビリティ責任者を任命。

〇1305大学が、完全に温室効果ガス排出原因表を制作した。

〇320大学がSTARSレポート提出を約束した。

UO Sustainability Website

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

MAJOR FOCUS AREAS

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

MONITORING & REPORTING	GOALS	Establish metrics and track institutional sustainability performance. Create and manage comprehensive inventory of institutional sustainability initiatives.
	TASKS	STARS report, Greenhouse gas reporting, Climate Action Plan, UO Sustainability Initiatives database
POLICY DEVELOPMENT	GOALS	Develop and manage policies that promote environmentally sensitive behavoir by campus users and environmentally responsible development and stewardship of campus assets.
	TASKS	Comprehensive Environmental Policy, Oregon Model for Sustainable Development, Recycled Paper Policy, No Idling policy, and commuting policies
ADVISE & SUPPORT	GOALS	Support faculty, staff, and students working to integrate sustainability practices and policies into their programming.
	TASKS	Guide and support Sustainability Council, guide and support Environmental Issues Committee, support development of campus energy dashboard, support development of Athletics sustainability plan, support Oregon Leadership in Sustainability graduate certificate, develop and present new staff training materials, respond to general information requests
PROGRAM DEVELOPMENT & MANAGEMENT	GOALS	Create and manage innovative programs and events, in partnership with other campus units whenever possible, that integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.
	TASKS	Meyer Fund for Sustainable Development, Student Sustainability Fund, "Do it in the Dark", ECOchallenge, Eugene Business Commute, Civil War Energy Bowl, Green Purchasing Network, Green Office Certification, UO Solarize, Student Sustainability Award, Summer Sustainability Camp, Weekend Sustainability Trips
PROMOTION & COMMUNICATION	GOALS	Communicate progress to internal and external audiences. Position UO as leader in campus sustainability.
	TASKS	Website, local and regional press, OUS sustainability summit, AASHE, ISCN, New student newsletter

UNIVERSITY OF OREGON OFFICE OF SUSTAINABILITY

Mission: Integrate "sustainability" into operations, curriculum, co-curriculum, research, and engagement with the broader community.

MONITORING & REPORTING	TASKS	**STARS報告、温室効果ガス報告、環境行動計画、オレゴン大学サステイナビリティ活動データベース**
POLICY DEVELOPMENT	TASKS	**包括的(総合)環境ポリシー(理念)、持続可能な発展の為のオレゴンモデル、再生紙利用促進施策、アイドリングストップ施策、通勤通学施策**
ADVISE & SUPPORT	TASKS	**サステイナビリティ会議、環境問題委員会、エネルギー見える化パネル開発、アスレチック(陸上競技)の持続的発展計画、大学院課程でのオレゴン大の指導的立場、新人教育教材開発、一般的質問への対応**
PROGRAM DEVELOPMENT & MANGEMENT	TASKS	**サステチイナビリティに関する基金の管理、エコチャレンジなどのイベント企画運営、グリー調達ネットワークなどの外部機関との対応、**
PROMOTION & COMMUNICATION	TASKS	**ウェブサイト管理、地方新聞対応、AASHE対応、ISCN対応、OUSサステイナビリティサミット対応**