



HOKKAIDO UNIVERSITY

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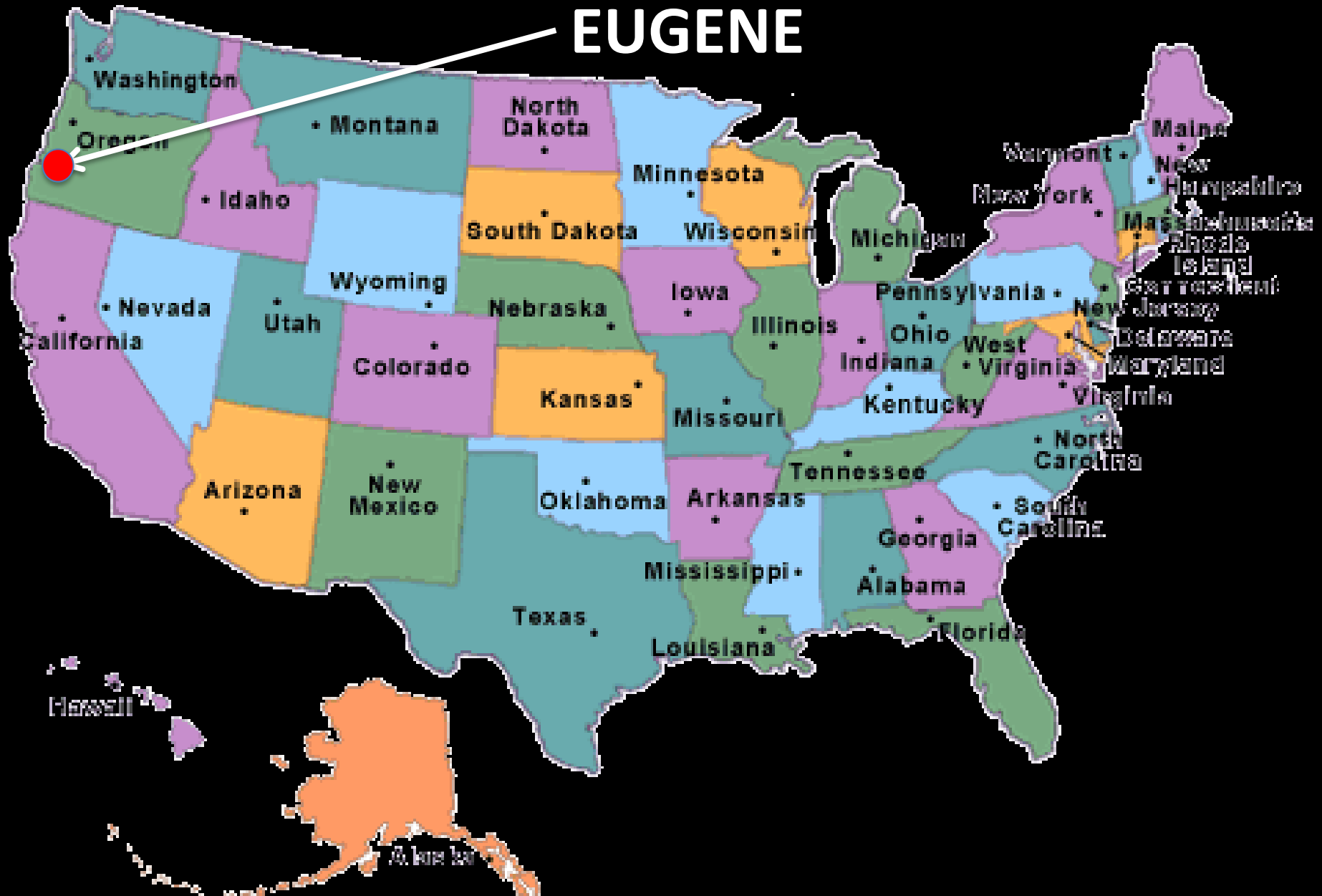
Sustainability at the University of Oregon

**Steve Mital
University of Oregon
Director of Sustainability**



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

EUGENE



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m ²
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.

サステナビリティ オ
フィの役割

オフィスの使命

サステ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

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MAJOR FOCUS AREAS

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。

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POLICY DEVELOPMENT

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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。

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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。

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PROGRAM DEVELOPMENT & MANAGEMENT

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PROMOTION & COMMUNICATION

GOALS

Communicate progress to internal and external audiences. Position UO as leader in campus sustainability.

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

INPUTS

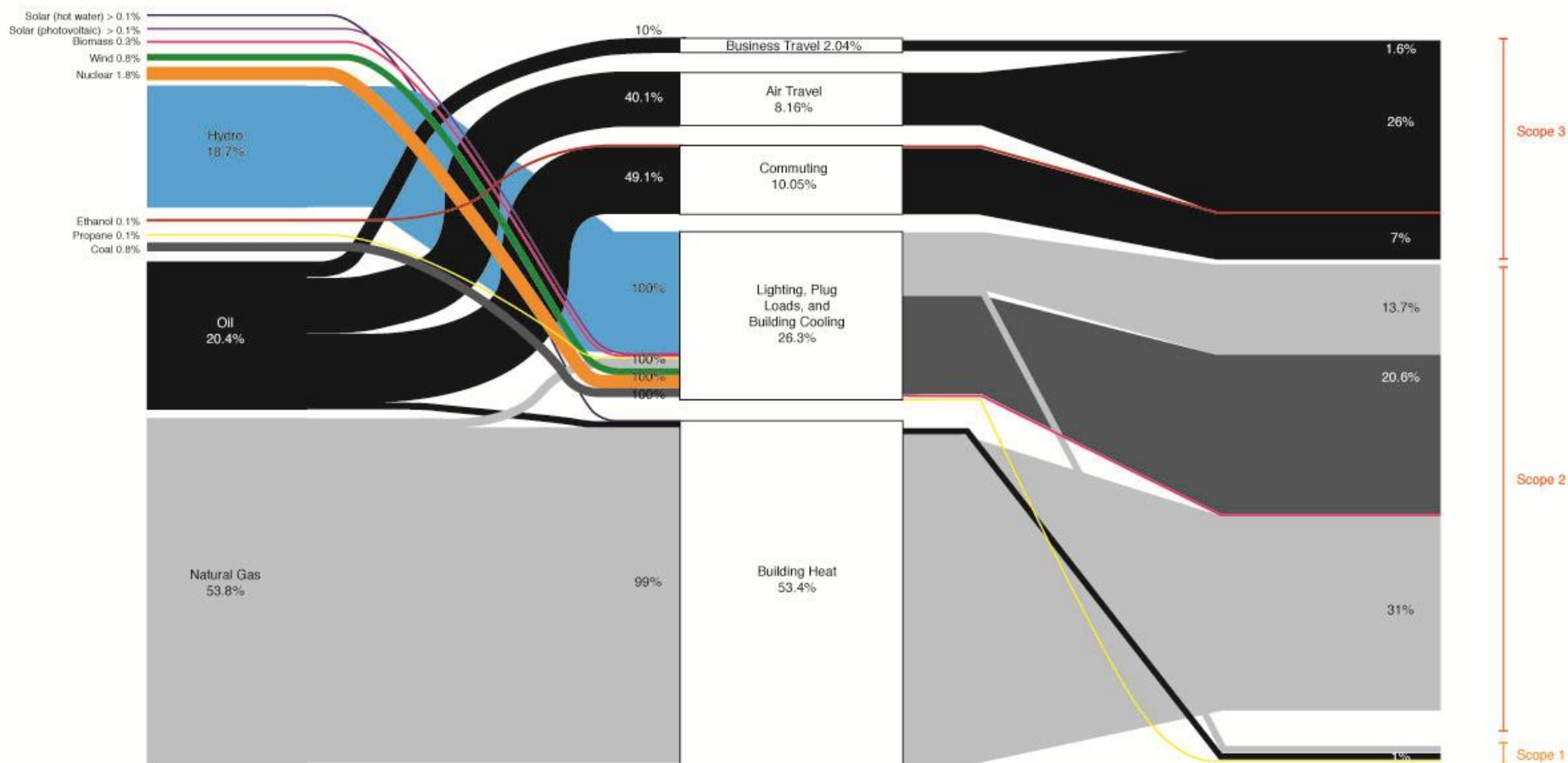
% MMBTU¹

ACTIVITIES

% MMBTU

EMISSIONS

% MTCDE²



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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。

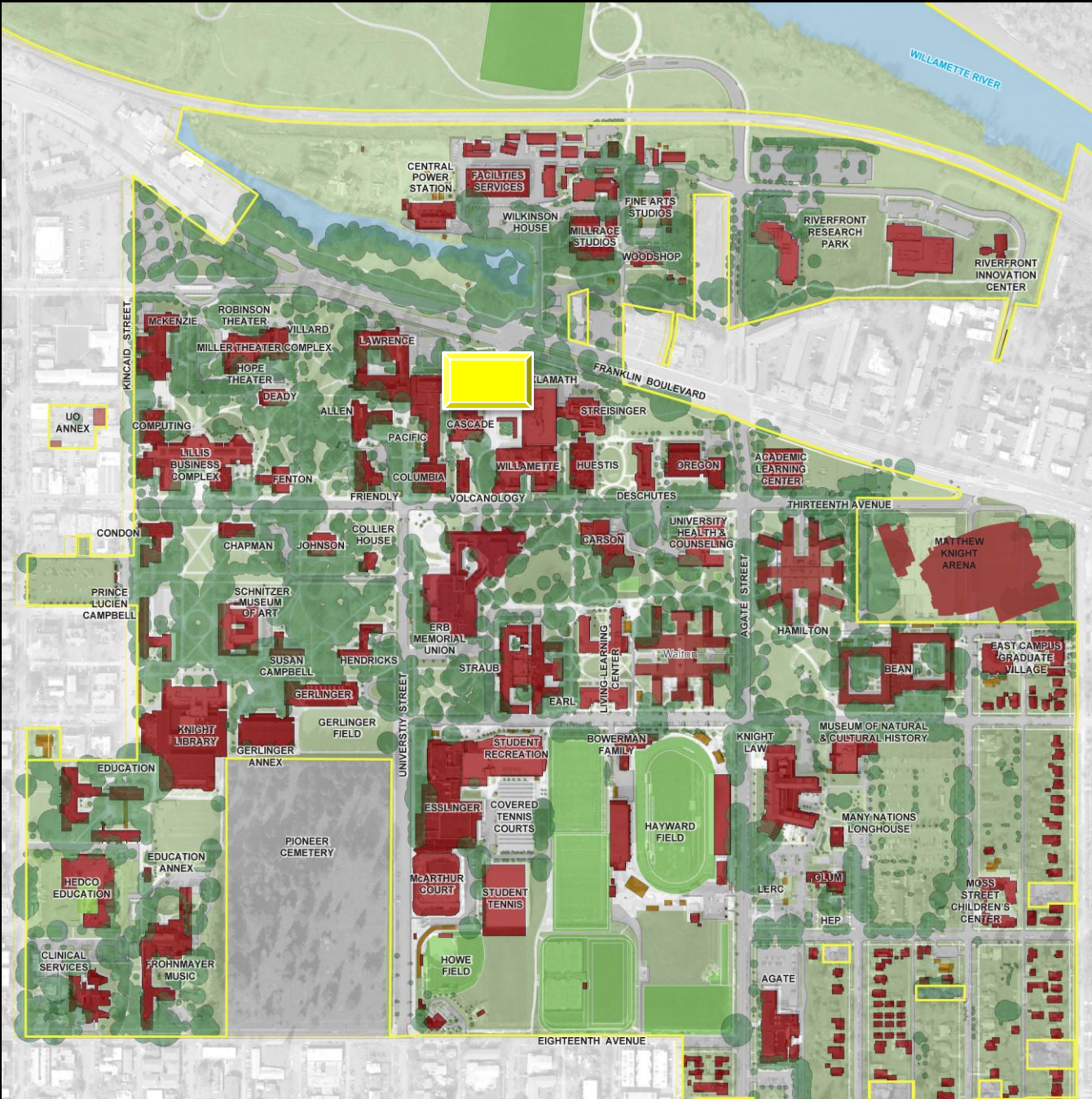
Oregon Model for Sustainable Design

POLICY:

No new purchased energy

MECHANISMS:

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



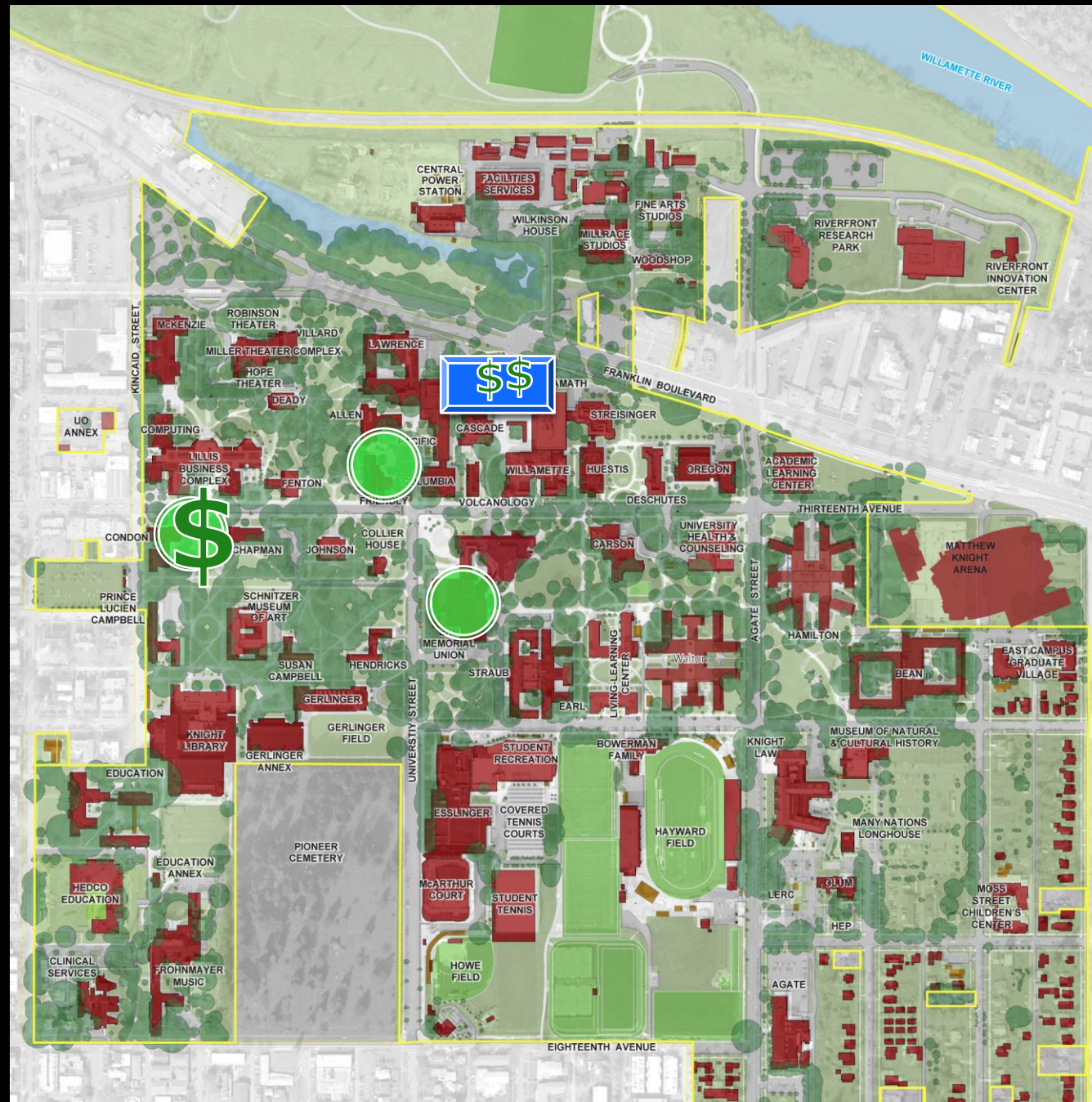
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Oregon Model for Sustainable Design

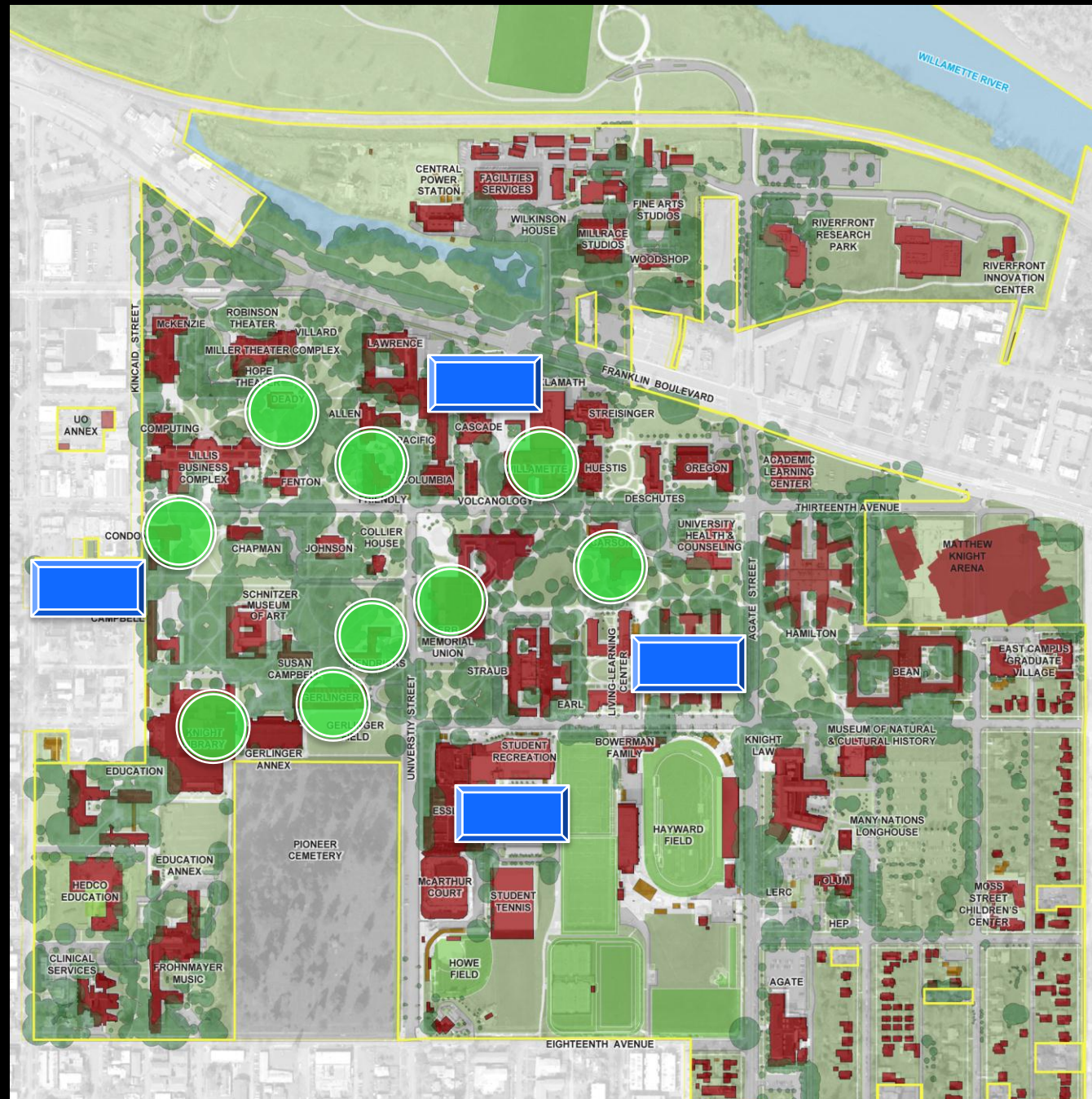
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IMPACT:



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

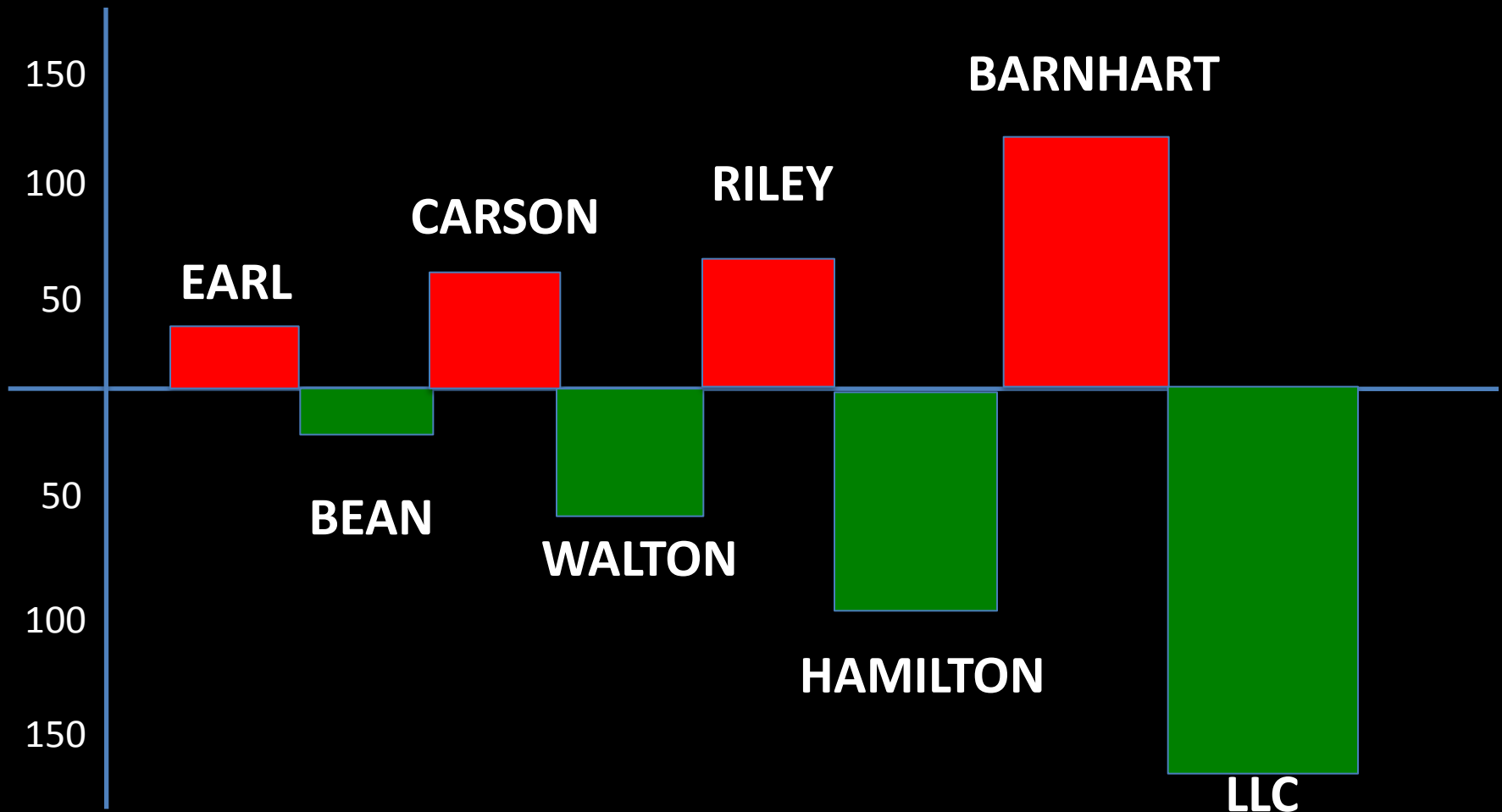
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SUSTAINABILITY



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」年一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



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 ourselves in the process.

<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 investment

UNIVERSITY OF OREGON

ECOCHALLENGE

LOG IN / REGISTER ABOUT CHOOSE YOUR ECOCHALLENGE PARTICIPANTS IMPACT GO OFFICE OF SUSTAINABILITY



Participants

Last Name: Department: UO Status: Ecochallenge Type:

Profile Image	First Name	Last Name	UO Department	UO Status	Ecochallenge Type
	Colby	Colby	Environmental Studies	Student	Waste Reduction
	Madison	Carroll	History	Faculty	Transportation
	Scott	Carlsbach	Office of Risk Management	DA	Volunteering
	Adam	Chakman	Biology	Faculty	Waste Reduction
	Kodi	Chen	Emergency Management	DA	Waste Reduction
	Dan	Clawing	Office of the General Counsel	DA	Waste Reduction
	Tom	Clawson	University Housing	DA	Food
	Cyd	Culbert	Journalism & Communication	Student	Water
	Katherine	Cyren	Architecture	Student	
	Francis	Cyren	YFPA	DA	Water
	Anastasia	Dia	Environmental Studies	Student	Water
	Bob	Diamond	Architecture	Faculty	Transportation
	Christian	Dobson	MLCS	Student	Waste Reduction
	Deborah	Dolan	Chemistry	Faculty	Waste Reduction
	Art	Fahmy	Computer and Information Science	Faculty	
	Karen	Farrar	Graduate School	DA	
	Wesley	Flanagan	CEHC	Classified	Food
	Jim	Ford	Campus Operations	DA	
	Roberta	Fryer	Wayne Morse Center for Law and Politics	DA	Food
	Penelope	Furti	United States Navy	Classified	

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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。

○670大学が「学長の環境宣言」に合意した。

○数百の研究機関が、サステナビリティ責任者を任命。

○1305大学が、完全に温室効果ガス排出原因表を制作した。

○320大学がSTARSレポート提出を約束した。



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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 behavior 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

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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、グリーン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サステナビリティサミット対応