

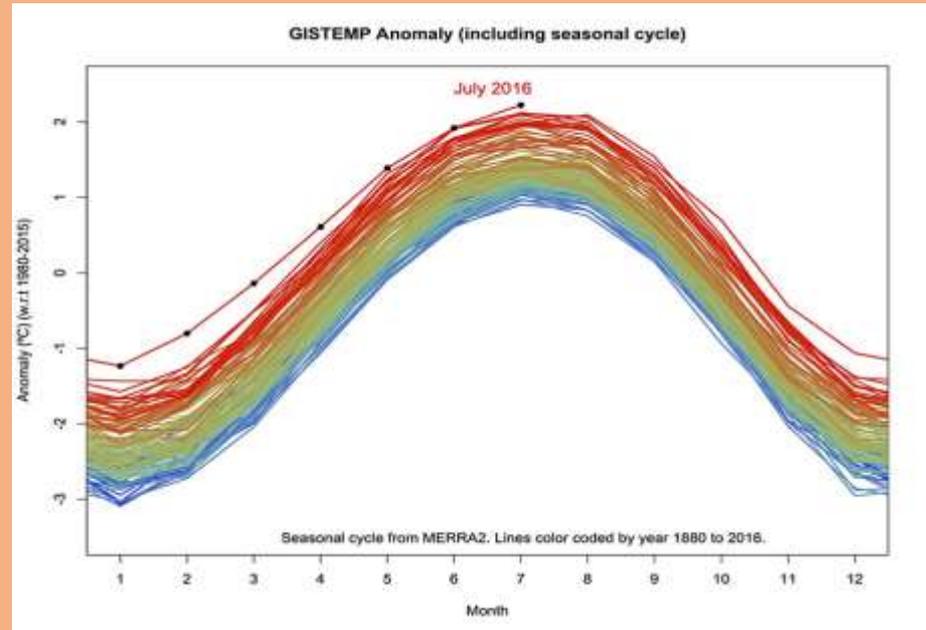
WCC Sustainability – What's New?

August 2016



July 2016 is warmest on record

www.climate.nasa.gov/news



Extreme Rain and Floods Along Gulf Coast

www.climate.gov/news-features



WCC Sustainability Council

Mission & Objectives

- **Guide the implementation of the WCC Climate Action and Sustainability Plan (CASP)**
- **Provide leadership in integrating sustainability concepts into all core functions of the college.**
- **Advise the President and Executive Leadership Team.**
- **Work collaboratively with college departments.**
- **Prepare progress reports for ACUPCC**
- **Communicate with the campus and broader community.**

WCC Sustainability Council



Sustainability Council Leadership

Representatives from Faculty, Staff and Administration facilitate the Working Groups of Council or serve at large.

Ingrid Ankerson

Barb Fillinger

Susan Ferraro

Damon Flowers

Phil Geyer

Bill Ghrist

Holly Herman

Bethany Kennedy

Peter Leshkevich

Sandy McCarthy

Roger Mourad

Dale Petty

Barry Wilkins

Please Join Us !!!

New Website: sustainable.wccnet.edu



At Washtenaw Community College we believe that striving to minimize our global warming impact and become environmentally sustainable is closely tied to the college's mission "to make a positive difference in people's lives through accessible and excellent educational programs and services."

In fulfilling our mission "we cooperate with other community organizations in seeking solutions to local economic and social problems."

As a primary educational resource in the community "we work to improve the quality of life in

Quicklinks

- [WCC Sustainability and Climate Action Plan](#)
- [WCC Greenhouse Gas Inventory 2014](#)
- [WCC Sustainability Update - Fall 2015 In-service](#)

WCC Sustainability Newsletter


planet blue
 UNIVERSITY OF MICHIGAN

JULY 2016







Industry Emissions Down, Transportation Up

While industry in the U.S. has made solid strides in reducing greenhouse gas emissions over the past 25 years, the transportation sector has increased its carbon footprint, say University of Michigan researchers.

[Read More](#)



Sustainable Lab Recognition Program Promotes Sustainable Operations

The average laboratory consumes 4 to 10 times more energy and resources than a classroom or an office. The Sustainability Laboratory recognition program promotes sustainability throughout the teaching and research labs across campus.

[Read More](#)

Issue number 36, August 2013
ISSN 2046-2442 (Printed)
NOW MONTHLY

Greenlines

The sustainability newsletter for the University

Green Impact is back

Green Impact is back and it's not too big and better than last year!

Last year 14 departments signed up to take part in the annually recognized accreditation scheme. Originally developed by the NERC for Graduate Teams in 2010, Green Impact has made a big return to prominence, with over 25 taking part this year.

Green Impact University of Cambridge 2013-14 will launch on 11 September at the Environment and Energy Coordination event. Get involved by registering a team online when you register for the event.

Green Impact can help you identify areas where you can save money and reduce your carbon footprint. All of these actions will be taken to reduce your department's greenhouse gas emissions. The actions range from reducing light switch use to labelling and recycling. Disposable cups with no lids are also a problem. All of these actions will be taken to reduce your department's greenhouse gas emissions.

Teams sign up to the scheme which has a number of criteria for increasing the sustainability of a building and more all aspects of sustainability, from energy and waste to biodiversity. The Environment and Energy Section will reach out to them from the large pool of students who are interested in the sustainability of the University, who there will be a lot of them at the event to ensure that everything is on an even keel to get things on a level to support. Students who are taking part in the scheme will be invited to attend the event and get involved in the process. All of these actions will be taken to reduce your department's greenhouse gas emissions.

Inside this Issue:

- Green Impact 1-2
- Environment and Energy Coordinator Network 3
- Using Lab Tables 4
- Research and Innovation for the environment 5
- British Heart Foundation collection 6

is very important to get things done and the programme involving with over 40% of people saying it was very successful.

Professor Jeremy Sanders, Pro Vice-Chancellor for Health, Social Affairs, and the Environment Strategy Committee, endorsed the scheme saying "It is a pleasure to see staff and students who take part in Green Impact activities, because by doing so you are giving examples to all us, reminding us and challenging us to do better, and thereby thereby helping to reduce the environmental impact of the University of Cambridge".

This year we are opening them up to all staff and students who take part in Green Impact. Colleges have many of the same

SUSTAINABILITY @BANGOR NEWSLETTER



DECEMBER 2015



THE SUSTAINABILITY LAB LAUNCH

FRESHERS FUN

#ECOAMGUEDDFA

INTERNSHIP OPPORTUNITY

MAKERERE AND BANGOR UNIVERSITIES LOOK TO THE WELLBEING OF FUTURE GENERATIONS ACROSS CONTINENTS

PURPLE & GREEN

Western's Sustainability Newsletter

Winter 2014

Western Team Takes on Toxic Trash

By Jeff Smith

When someone thinks about cigarettes and the dangers they pose, the adverse effects on human health usually come to mind. However, a growing concern in many cities is the danger the cigarette packs pose to the environment after it has been used and tossed away. Cigarette butts are not only unsightly, but they are also toxic. Contrary to popular belief, they are not made of cotton; they are made of a non-biodegradable plastic.



Members of Western's Anti-Smoking Campaign team: (from left) Julian, Kaitie, Nicole, Kaitie and Jeff Smith on the shores of Vancouver. Photo credit: Jeff Smith.

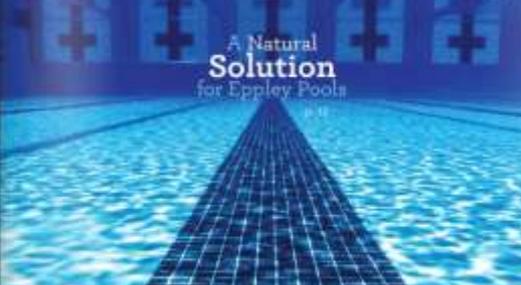


sustainableumd

University of Michigan

Sustaining for the Future

A Natural Solution for Eppley Pools



MSU SUSTAINABILITY NEWSLETTER

Sustainability news, efforts and ideas for the MSU community.






WCC Climate Action and Sustainability Plan



Climate Action & Sustainability Plan
January 15, 2014



AASHE Sustainability Tracking, Assessment & Rating System (STARS™)

- Academics
- Campus & Public Engagement
- Operations
- Dining Services
- Grounds
- Purchasing
- Transportation
- Waste
- Planning & Administration



Ask me how you can involve your classes!!!

Academics

- Courses that include sustainability
- An inventory of those courses publicly available.
- Degree programs that include sustainability as a learning outcome.



Campus Engagement

- Includes sustainability prominently in its student orientation activities and programming.
- Co-curricular sustainability programs and initiatives.
- Outreach materials that foster sustainability learning and knowledge.
- Outreach campaign directed at students that yields measurable, positive results in advancing sustainability.
- An ongoing faculty/staff peer-to-peer sustainability outreach and education program.



FEBRUARY 17, 2016
FUN WITH WINTER
SEED SOWING

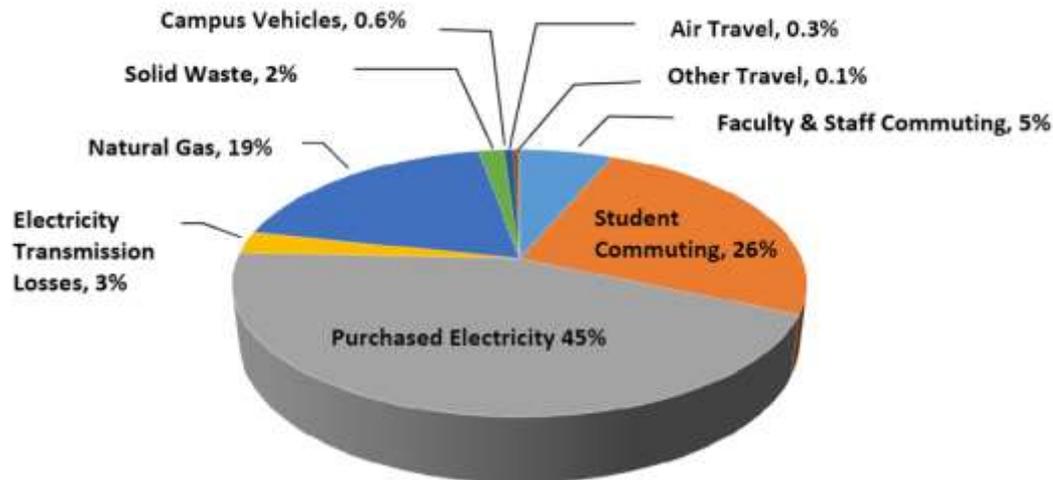
Community Partnerships

- One or more formal partnership(s) with the local community to work together to advance sustainability within the community.
- Collaborates with other colleges to support and help build the campus sustainability community.
- Continuing education courses that address sustainability.



Greenhouse Gas Emissions

- Institution has conducted a publicly available greenhouse gas (GHG) emissions inventory
- Institution reduced its adjusted net Scope 1 and Scope 2 GHG emissions per weighted campus user compared to a baseline. .
- Institution's annual adjusted GHG emissions are less than 0.02 MtCO₂e per gross square foot.



Buildings & Operations

- Certified under a green building rating system for new construction and major renovations (e.g. the LEED® for New Construction and Major Renovations)
- Operated and maintained in accordance with formally adopted sustainable operations and maintenance guidelines and policies
- Institution supports the development and use of clean and renewable energy sources
- Institution has an indoor air quality (IAQ) management program...



Landscape Management

Grounds include areas that are:

- Managed in accordance with an Integrated Pest Management Plan (IPM)
- Managed in accordance with a sustainable landscape management program

Rainwater Management

Rainwater management policy, plan, and strategies that mitigate the rainwater runoff and treat rainwater as a resource rather than as a waste product.



Biodiversity

- An assessment to identify endangered and vulnerable species with habitats on institution-owned land
- And/or an assessment to identify environmentally sensitive areas on institution-owned land



Purchasing

- Purchase computers and/or other electronic products that meet sustainability standards for electronic products.
- Purchase cleaning and janitorial products that are Green Seal™ or EcoLogo™ certified.
- Purchase food and beverages that are local and community-based and/or third party verified to be ecologically sound, fair and humane.



Campus Fleet

Institution supports alternative fuel and power technology by including in its motorized vehicle fleet vehicles that are:

- Gasoline-electric hybrid
- Diesel-electric hybrid
- Plug-in hybrid
- 100 percent electric
- Hydrogen fueled
- Fueled with Compressed Natural Gas (CNG)
- Fueled with B20 or higher biofuel
- Fueled with locally produced, low-level biofuel



Student & Employee Commute

Institution's employees use more sustainable commuting options such as walking, bicycling, vanpooling or carpooling, public transportation, motorcycles or scooters, telecommuting...

Support for Sustainable Transportation

Strategies to reduce the impact of student and employee commuting.

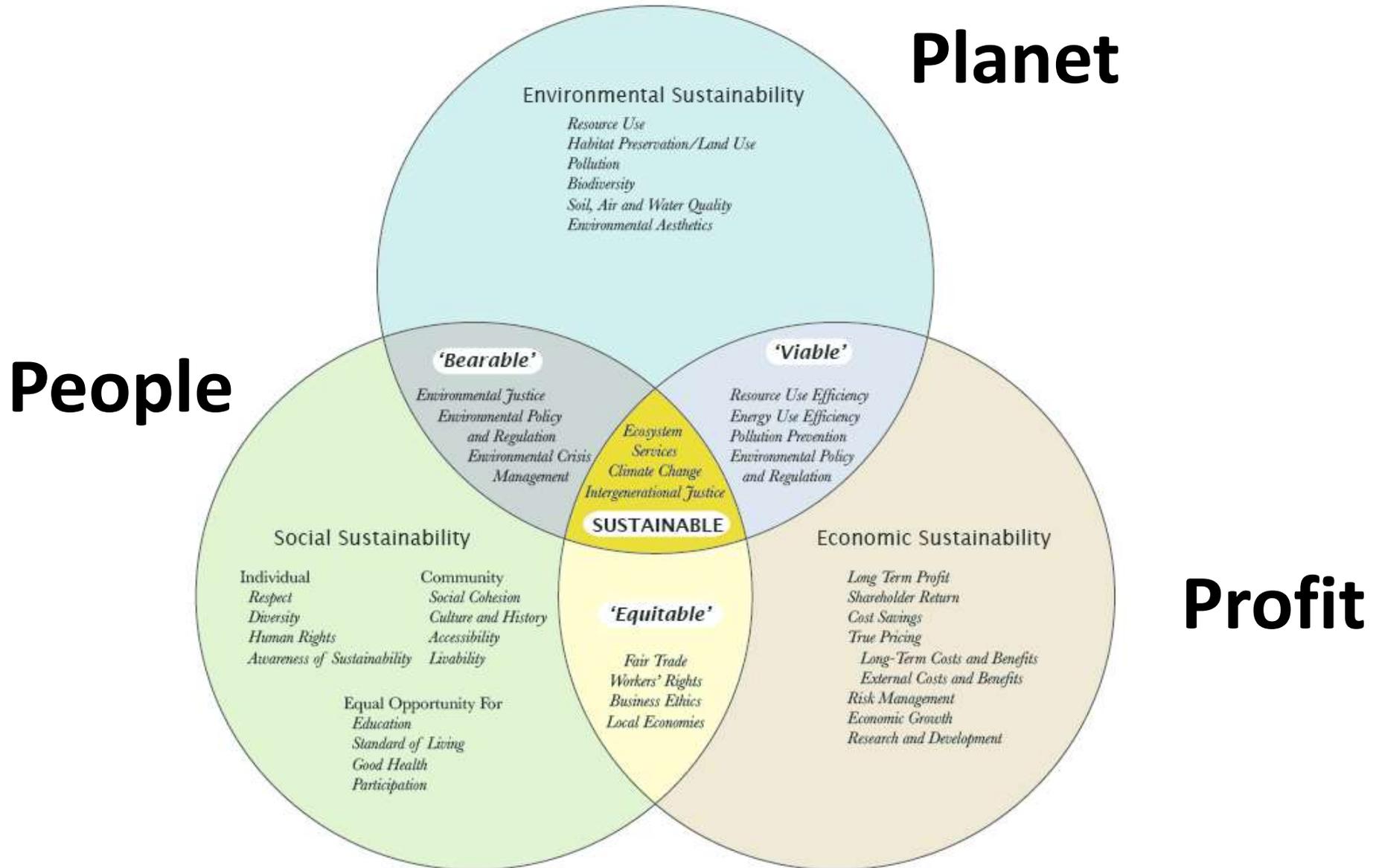


Waste Minimization

- Source reduction strategies to reduce the total amount of waste generated... per user compared to a baseline.
- Total annual waste generation is less than the minimum performance threshold of 0.45 tons per campus user.



Triple Bottom Line of Sustainability



Other - Where Does Your Curriculum Fit?

- **Coordination, Planning**
- **Governance**
- **Employee compensation and satisfaction**
- **Health & Safety**
- **Wellness**
- **Sustainable Investment & Disclosure**
- **Innovation**

Please Join Us !!!

Food – [Sandy McCarthy](#)

Zero Waste – [Barry Wilkins](#)

Purchasing – [Barb Fillinger](#)

Energy – [Bill Ghrist](#) or [Dale Petty](#)

Transportation – [Ingrid Ankerson](#)

Natural Resources – [Phil Geyer](#) or [Holly Herman](#)

Curriculum and Community Outreach – [Dale Petty](#)

