




UM
sustainability



As a UM student, where have you seen or interacted with sustainability on campus?

Office of Sustainability
Eva Rocke

Residence Life
Sustainability
Quality Circle

UM Dining Director of
Sustainability
VACANT

Zero Waste Program
Coordinator
Derek Kanwischer

Recycling
Coordinator
Jim Lyon

Facilities engineers & staff

Garden Manager
Stasia Orkwiszewski

Climate Change Studies
Peter McDonough

Climate
Response Club

Sustainability
Engagement
Coordinator
Tayli Hillyard

Sustainable Campus
Committee

Campus Diversity
Committee

KLESS
Committee

ASUM
Sustainability
Committee



**ZERO WASTE
PURCHASING
RECYCLING
COMPOSTING
DIVERSION**



Landfill

Plastics & Cans

Newspaper and Magazines

White Paper

LANDFILL

PLASTICS & CANS

NEWSPAPERS & MAGAZINES

WHITE PAPER



Brown paper belongs with cardboard
Color paper cannot be recycled
Shredded paper must be bagged separately











How do we measure sustainability?



2014 = Silver (49.07 points)

2017= Bronze (42.13 points)

2021 = Silver (60.89 points)

MSU's 2019 score = 57.84 (Silver)

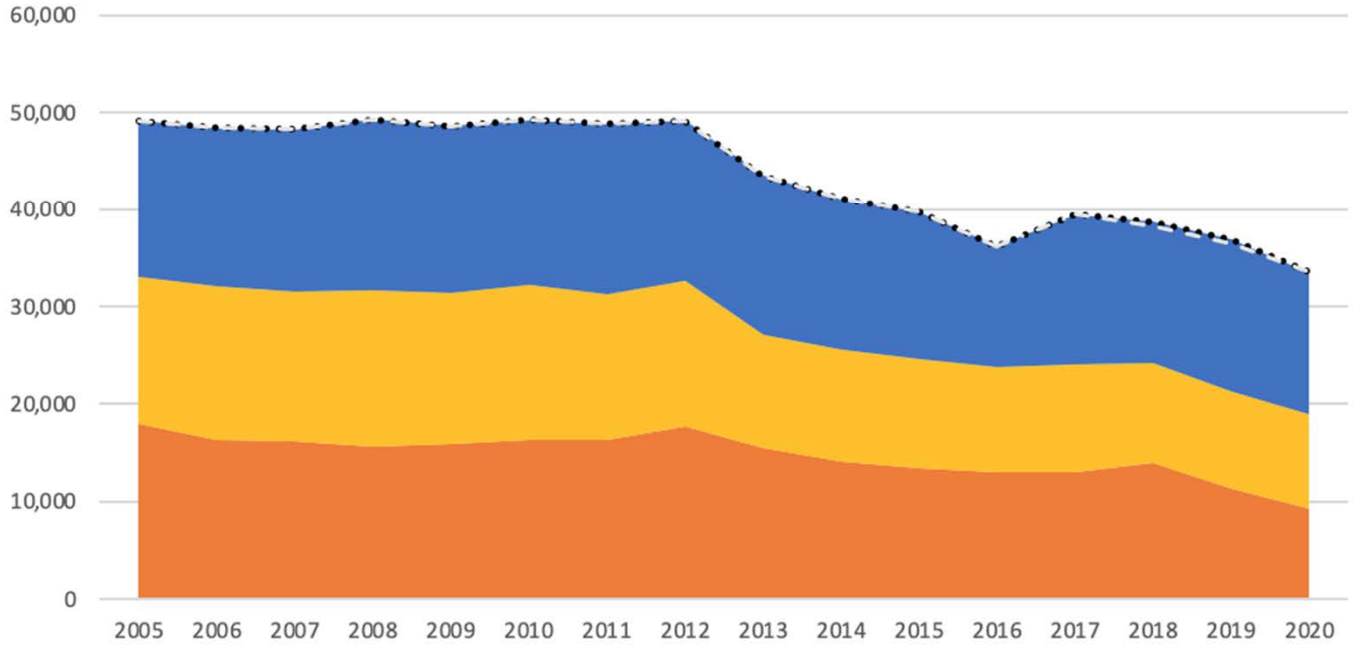
Gold rating is a minimum of 65 points

Where do we go from here??

Employee engagement, waste tracking & diversion, dining

MTCO₂e

- Scope 3 - Other Indirect Emissions
- Scope 2 - Indirect Energy Emissions
- Scope 1 - Direct Emissions
- Gross Emissions
- Net Emissions



Scope 1: Direct Emissions.

Natural gas, diesel/gas from UM fleet, fertilizer

Scope 2: Indirect Emissions.

Purchased electricity from NWE

Scope 3: Other UM Emissions.

Solid waste, directly financed air travel, commuting, purchased goods.

Three Key Points:

- UM has **invested significantly in energy conservation** efforts, resulting in \$\$ savings and lower emissions
- 2012-2016 = 2-3% emissions **reduction** each year. 2017/2018 = **increased** emissions, but going **down** 2018-2020. Need for ZERO NET GROWTH policy?
- Large-scale clean energy + Conservation + Offsets = Neutrality

Current Projects



LED retrofits in SRC & UC
Building recommissioning
Mansfield Library solar

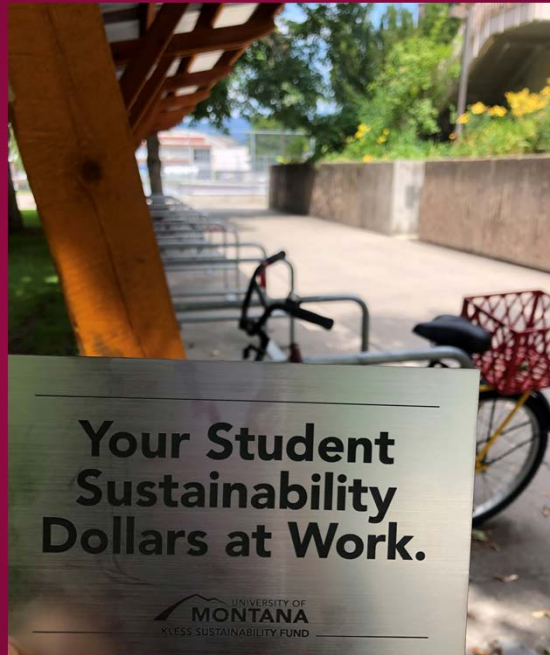


What You Can Do

- Submit a Kless Sustainability Fund Proposal
- Attend Sustainable Campus Committee meetings
- Climate Response Club (@umcrc on Insta)
- We hire paid positions- keep an eye on Handshake!
- Follow us on social media
 - @asum.sustainability
 - Facebook: University of Montana Sustainability



Kless Sustainability Fund





Kelsey Jencso
State Climatologist
in the Montana
Climate Office



Laurie Yung
Professor of Natural
Resource Social
Science



Phoebe Bean
PhD candidate in
Clinical Psychology



Katrina Mullan
Associate Professor of
Economics



Rachel Williamson
Assistant Professor of
Clinical Psychology

Local Research for Global Change

Tues, Sept 19 | 5:30p-7p
Goodworks Ventures

Join UM researchers for a panel discussion, showcasing their diverse research addressing climate change. Featuring faculty from psychology, economics, hydrology and social sciences.

#ClimateSolutionsWeek

Details + RSVP: MissoulaClimate.org/calendar



CLIMATE SMART
MISSOULA



UNIVERSITY OF
MONTANA
SUSTAINABILITY



INTERESTED IN LEARNING ABOUT ENERGY AT UM?

***Tour the NEW Combined Heat
& Power Plant!***

SEPT 19, 20, 27, & 28TH

***Sign up on Grizhub to
reserve your spot.***





Storm water

What is storm water? Storm water is untreated water created from rain or melting snow that does not soak into the ground, but runs into nearby waterways.

Help us do our part to keep the Clark Fork clean:

- Check your vehicle regularly for leaking fluids
- Pick up pet waste
- Limit use of fertilizer and pesticides
- Don't litter



Eva Rocke, UM Sustainability Director
eva.rocke@umontana.edu
www.umt.edu/sustainability/



Tayli Hillyard
Sustainability Engagement Coordinator
Tayli.hillyard@umontana.edu