

U of A Sustainability Council Agenda
Davis Hall Rm. 111 (Conference Room)

Tuesday
Feb 12th, 2019
3:00-4:30



Meeting Agenda

1. Meeting called to order
2. Introductions
3. Co-chair updates
 - a. Executive Director, Arkansas Resiliency Center, Marty Matlock
 - i. Chancellor is in Arizona at a Climate Summit to represent our climate commitment
 - ii. Resiliency Center – emerged out of sustainability efforts to address food, water, and social issues through research and outreach
 - b. Associate Vice Chancellor, Facilities Management, Mike Johnson
 - i. SEFPR Update-Site is currently in final stages of the cleanup and contract should be completed by May, 2019.
 - ii. Radioactive material on campus has been cleaned up and/or no further action required. \$7-8M invested to get a clean bill of health.
 - iii. Experimental nuclear reactor is most recent site for cleanup to be underway---should be completed by May, 2019, and no further action required status achieved on the entire 620 acre site.
 - iv. Over \$50M in ESPC contracts have been completed across the entire campus over the past 10 years or so, an additional \$20M in ESPC #4 scope are now being investigated for accomplishment across campus for presentation to the Board of Trustees for approval in Sep, 2019.
 - v. 1 megawatt solar park near ARTP is planned. This will hopefully be rolled into the front end of ESPC 4
 - vi. New interest in wind deal after the recent SWEPCO deal fell through. Wind deal would be monumental in reducing GHG on campus.
 - c. ASG Sustainability Chair, William Motazed i
 - i. Three resolutions to be voted on in the next week—
 - ii. (1) a resolution that encourages Chartwells in the Union to reduce and consolidate the use of plastics; student led plastic waste campaign to be launched in conjunction.
 - iii. (2) resolution to buy two biking helmets to give away to students at helmet safety day.
 - iv. (3) resolution to show ASG support on SB 145: Solar Access Bill
4. 2018 UA Sustainability Report
 - i. You can access the full report on—sustain.uark.edu/Reports, it was also send out via email with the agenda.
 - ii. Eric Boles, Office for Sustainability director hit highlights throughout the report. There is progress being made on carbon footprint, zero waste, biodiversity, active transportation, and water consumption.

5. Active transportation updates
 - i. VeoRide bike share
 - i. 150 new e-bikes are rolling out this week.
 - ii. Discovery bikeway
 1. Adds new connection between campus walk and McIllroy Ave to the top of the Oak Ridge Soft Surface Trails.
6. UA carbon footprint: task force to prioritize strategies
 - i. Task force meeting at 10AM Friday, Feb 22 at the Office for Sustainability conference room.
7. Upcoming events
 - a. Bike Fest
 - i. Scheduled for March 29, 12-3pm @ the Peace Fountain
 1. food
 2. music
 3. e-bike demos
 4. free tuneups
 5. information fair
 6. bike and part swap
 - b. Earth Week
 - i. Partnering with ASG, UP, and half a dozen RSOs
8. The next UASC meeting will be April 9th



Veoride

Total Rides: 34,824

Total Riders: 8,046

Total Miles: 8,236



150 All new E-Bikes

DISCOVERY BIKEWAY



2

12.5'

137'

6'

North Melroy Avenue

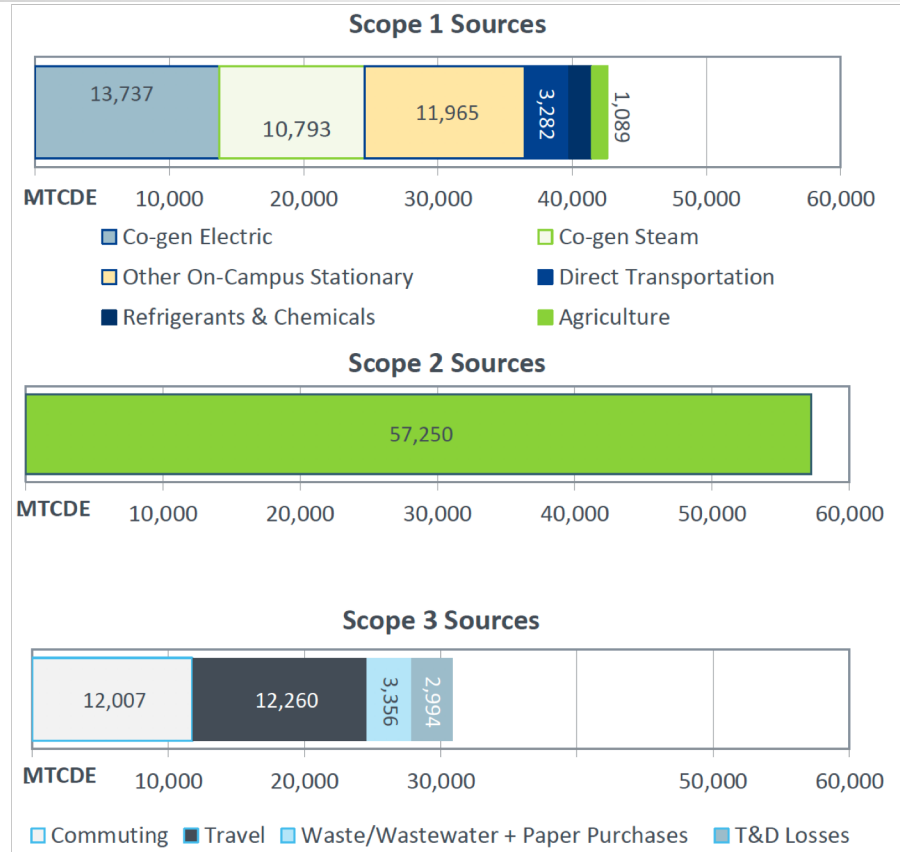
 **CAUTION** 





University of Arkansas 2019 Carbon Footprint Priorities




Breakdown of Contributions for FY2018



Common Reduction Strategies







Scope 1

- Switch fleet out with more efficient vehicles
- Develop plan to transition to low GWP refrigerants. 
- Implement construction and renovation standards. 
- Energy Savings Performance Contracts (HVAC updates, Energy Star upgrades). 







Scope 2

- Switch to cogeneration. 
- On-campus renewables. 
- Energy Savings Performance Contracts (Switching to LEDs, Upgrading BAS) 
- Enterprise Energy Management System with dashboards. 



Scope 3

- Commuting: Encourage no, or low carbon strategies. 
- Study abroad voluntary opt out carbon offset payment.
- Recycling and composting policies and goals. 
- Install rainwater harvesting systems. 
- Create Sustainable Procurement Policy. 

Additional Strategies: Renewable Energy and Carbon Offsets



To reach carbon neutrality the UA will need to go beyond conservation measures. Producing renewable energy along with acquiring carbon offsets will be required to reach net zero emissions by 2040.

Renewable energy:

- On-site solar like 1MW at ARTP
- Renewable Power Purchase Agreement (PPA)

Carbon offsets:

- Purchasing Renewable Energy Credits from SWEPCO wind farm
- Virtual Renewable Power Purchase Agreement
- Carbon Sequestration
- Other RECs

UA Carbon/Energy Initiatives

Completed Initiatives

1. Combined Heat + Power System
2. Three rounds of Energy Saving Performance Contracts (ESPC)
3. Free UA transit system
4. 2015 Transportation Plan
5. Bike share system with e-bikes
6. All new construction must meet LEED Silver specs

Current Initiatives

1. ESPC #4 is under way with an IGA being performed by Entegry. Housing, Athletics, Union, and E+G are all planning to implement identified energy conservation measures (ECMs)
2. SWEPCO has released a wind RFP for the UA. This is the third attempt by SWEPCO to acquire renewable energy that the UA would be able to purchase Renewable Energy Credits (RECs) from.
3. UA has commissioned Johnson Controls Inc to deploy an Enterprise Energy Management System
4. The UA is focusing on offering more alternative transportation options to affiliates
5. An approximately 1MW solar installation is planned for ARTP
6. The UA continues to build and renovate to LEED Silver or above standards
7. Implementation of the 2015 UA Transportation Plan



Bike Fest 2019

March 29th

Noon–3PM

@ the Peace Fountain

**GAMES + PRIZES + TUNEUPS + BIKE &
PART SWAP + E-BIKE DEMO**

Sponsors:



UNIVERSITY OF
ARKANSAS
Office for Sustainability



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Come join us and learn about:

THE ARKANSAS SENATE BILL 145: SOLAR ACCESS BILL

Solar is the fastest growing source of energy in the United States. As prices fall and the industry booms, states embracing solar are seeing substantial economic benefits.

Arkansas has made progress in its solar capacity, but our outdated laws keep us from taking full advantage of our outstanding solar potential. By supporting common sense clean energy policies Arkansas will be able to live up to the "Natural State" name, while growing our economy and creating good jobs that cannot be outsourced.

TUESDAY FEB. 12TH
AT 5:30 PM - 7:30 PM
LAMBETH LOUNGE AT CARNALL HALL

NET IMPACT 
@UARKNETIMPACT   

This event is supported by the Student Activities Fee as a funded event by the ASC and is free to all currently-enrolled University of Arkansas, Fayetteville, students who pay the student activities fee. For questions about the event or for accommodations due to disability please contact Patrick Dougherty at pjdoughe@uark.edu.