

UA Sustainability Council || Agenda



Sept 10th, 2019

3:00-4:30PM

Davis Hall Rm. 111 (Conference Room)

Tuesday

Meeting Agenda:

1. Introductions
2. Co-chair updates
 - a. Executive Director, University Arkansas Resiliency Center, Marty Matlock
 - i. new office open in the Pryor Center
 - ii. The Provost has provided support for FY20
 - iii. Always looking to partner with others around campus on research and grants
 - b. Associate Vice Chancellor, Facilities Management, Mike Johnson
 - i. Absent: Mike had a time conflict that could not be overcome
 - c. ASG Sustainability Chair, Sophie Hill
 - i. They're drafting a resolution of support for a safer, inclusive renovation to Maple Street
 - ii. Contact Sophie with any questions or projects that need student support (sch017@uark.edu)
 - iii. Working towards standardized messaging for UP Freshman class try and reintroduce SUST into curriculum
3. Update and overview of ESPC #4 with Parker Higgs of Entegrity
 - i. Fast tracking Solar projects because of a federal tax incentive deadline at the end of year
 1. Approximately 3.2 MW solar being considered at 19th St
 2. Approximately 3.6 MW solar being considered at Division of Agriculture Farm
 - ii. Jan 2020 board of trustee's meeting will include some elements of the ESPC #4
 - iii. Slides are attached below
4. UA + CoF Resilience Assessment is live on new OFS website
 - i. The OFS completely reinvented their website. Please take a look at sustainability.uark.edu
5. City Styrofoam update from Peter Nierengarten, Fayetteville Director of Sustainability
 - i. City-wide Styrofoam ban on the horizon, city services already not using Styrofoam
 - ii. Fay Public Schools now moving away from Styrofoam, in line with the city
 - iii. Ozark Catering Company has removed Styrofoam from their system
6. UPCOMING EVENTS:
 - a. 3rd Annual Bike Safety Block Party
 - i. Thursday Sept 12th @ Peace Fountain from 1-4PM with a Slow Roll bike ride immediately after
 - b. Oak Ridge Hillside Cleanup + Invasive Removal
 - i. Monday Sept 16th at 4PM behind the FIJI house
 - c. Campus + Community Sustainability Mixer
 - i. Tues Sept 17th @ Brewer Entrepreneurship Hub from 6-8PM
 - d. UASC Carbon Footprint Task Force meeting
 - i. Thurs the 26th of September at 10AM in the Office for Sustainability
 - e. Complimentary Bicycle Valet
 - i. At the Union Mall during all home football games this season
 - f. UA Sustainability Council meeting
 - i. ~~Tues November 12th at 3PM in Davis Hall. Please send over any agenda items. Sustainability Minor is already on the agenda~~



entegrity
energy.integrity.

OPTIMIZING THE UNIVERSITY OF ARKANSAS



e Overview of ESPC

e Your Project

e Q&A



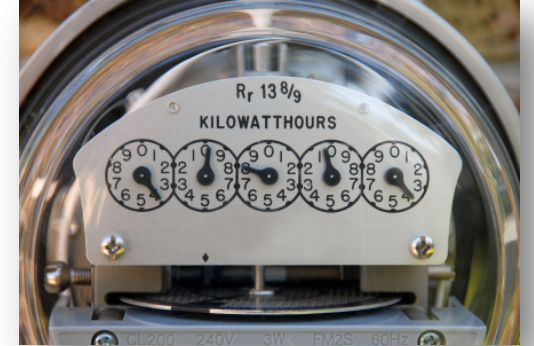
Energy Savings Performance Contracting (ESPC) allows public entities to procure energy saving improvements with no upfront capital costs and repay the project cost with savings. All energy and operational savings required by law to be guaranteed by the ESCO.

- ③ NO UPFRONT CAPITAL
- ③ PAID FROM SAVINGS
- ③ GUARANTEED



SAVINGS CATEGORIES

e Energy & Water

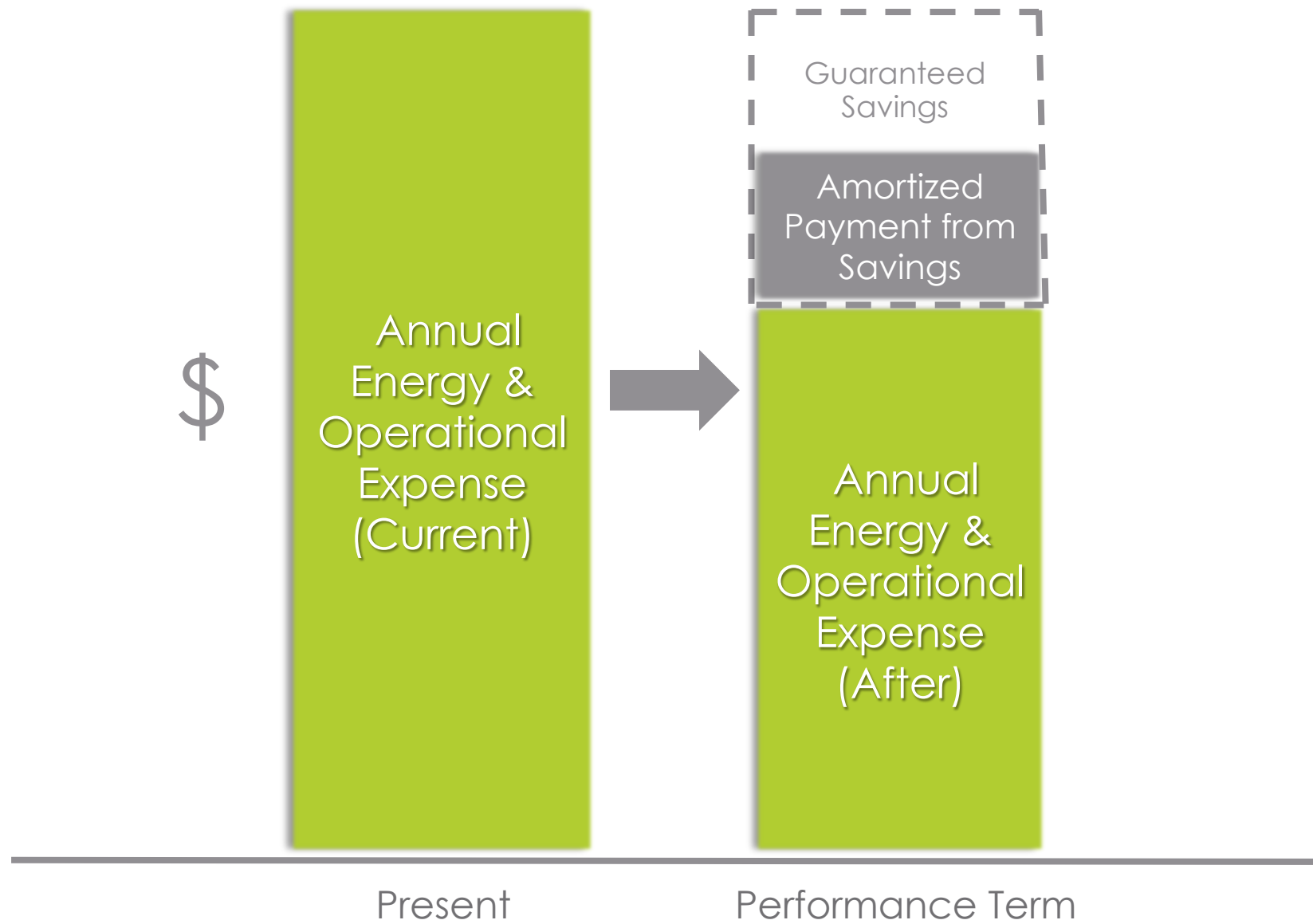


e Operations & Maintenance



e Capital Cost Avoidance





ARKANSAS LEGISLATION

K-12 Schools

2005 - Legislative Rule

State Agencies/Higher Education


2013- Act 554

Cities & Counties

2015- Act 1227

2011 - Amendment 89





Arkansas Solar Access Act (2019)

Arkansas ACT 464 (2019)

- e Allows for Third-Party Leasing of Solar Facilities
- e Allows Solar Services Agreements
- e Increases Net-Metering from 300 kW to 1MW without PSC Approval
- e Up to 2 Entities can be Co-Located

USER GROUPS

- e Athletics (1,347,846 sf)
- e Bookstore (20,000 sf)
- e Dining (48,107 sf)
- e E&G (3,419,696 sf)
- e Transit (23,659 sf)
- e Union (231,273 sf)
- e ARTP Solar (0 sf)
- e Division of Agriculture (8,000 sf)

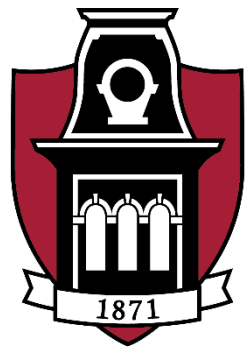


POTENTIAL ECMs

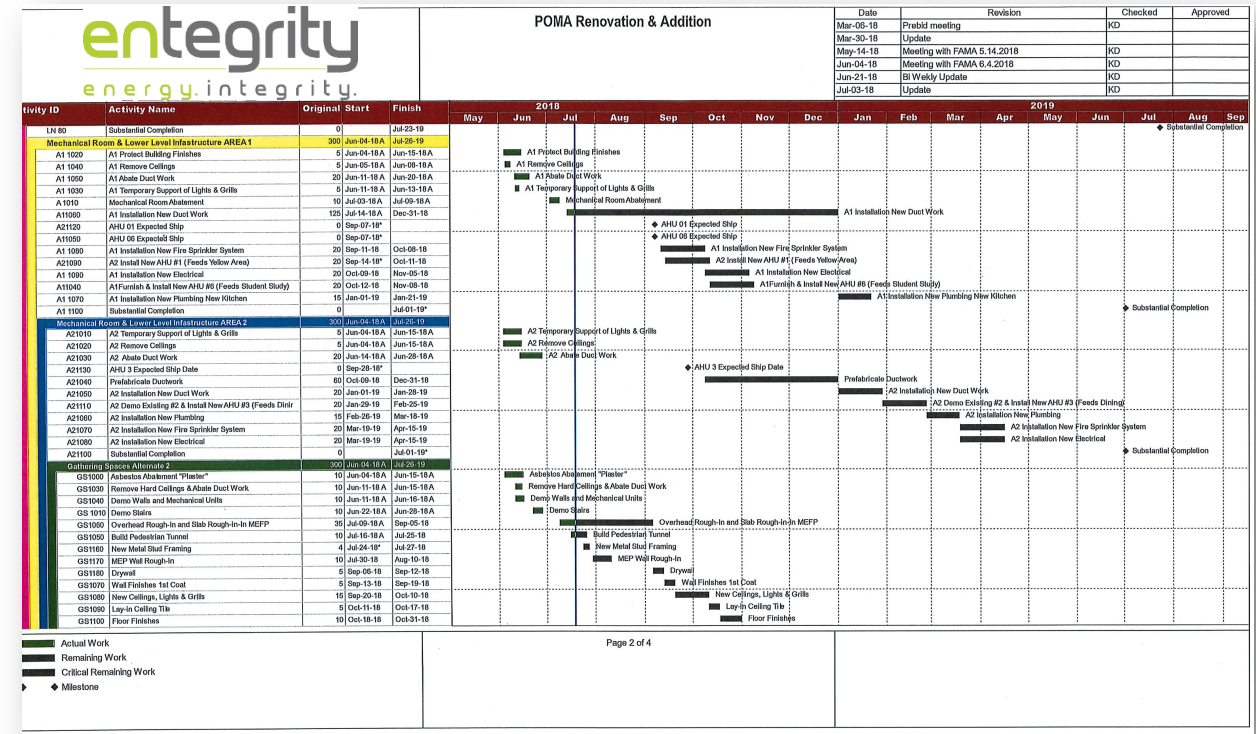
- ③ LED Lighting
- ③ Retro Commissioning
- ③ Solar
- ③ Mechanical
- ③ Fault Detection Diagnostics
- ③ Thermal Blanket Survey
- ③ Pneumatics
- ③ Utility Billing Correction



PROJECT SCHEDULE



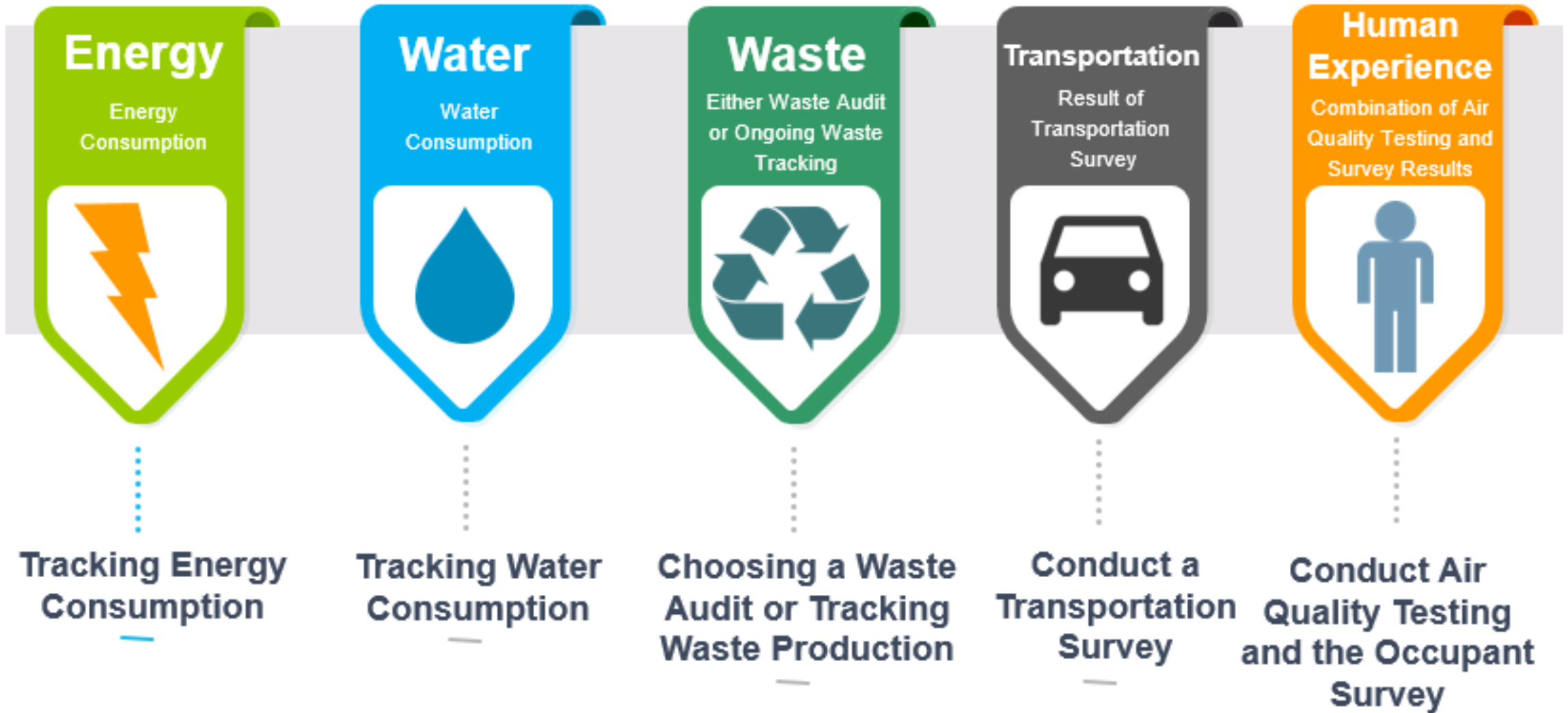
- ③ November 2019
- ③ UA Board of Trustees for SSA
- ③ January 2020
- ③ UA Board of Trustees for
Larger Project
- ③ Summer 2020
- ③ Majority of Implementation



Topic	Phase I	Phase II	Phase III
Overall Performance	<ul style="list-style-type: none"> Kick-Off meeting with all champions Arc Benchmarking One day awareness campaign/event through ECOREps, like: develop self guided LEED/greenroof/stormwater walking tour, inventory carbon, recycle drive, eat healthy day, etc. 	Arc for whole building - Engage in LEED Lab and provide Course Credit for student investigation and participation Sustainability Literacy Test for all Graduates through AASHE to help direct sustainability education focus of campus.	LEED O+M: Schools Certification LBC – Full Certification LBC – Petal Certification
Energy		Arc - Energy focus EnergyStar Portfolio Manager STARS: Climate and Energy	LBC Zero Energy LBC Petal – Energy LEED Zero Energy
Carbon Neutrality		Arc - Energy and Transportation focus STARS: Climate and Energy	Create a Carbon Neutrality Plan LEED Zero Carbon Certification for a Building
Sites and Habitat		Certified Wildlife Habitat STARS: Natural System	SITES certification Audubon International Sustainable Communities
Water		Arc - Water focus	LBC Petal – Water LEED Zero Water Certification
Waste		Arc - Waste focus	TRUE Zero Waste Certification LBC Petal – Materials LEED Zero Waste Certification
Health		Arc - Human Experience focus STARS: Health & Safety	WELL Certification Fitwel Community LBC Petal - Materials



Provide data in 5 categories to generate a score:





Q & A

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CITY OF
FAYETTEVILLE
ARKANSAS



UNIVERSITY OF
ARKANSAS

2018 Climate Resilience Assessment

BIKE SAFETY BLOCK PARTY

SEPTEMBER 12
1-4 PM



AT THE PEACE FOUNTAIN
IN FRONT OF OLD MAIN

JOIN US FOR A SLOW ROLL AFTER THE EVENT,
FREE DRINKS AND PIZZA FOR ALL WHO RIDE!

SPONSORS:



UNIVERSITY OF
ARKANSAS
Office for Sustainability



VeoRide



BIKE.UARK.EDU



BIODIVERSITY





Sustainability Mixer

Sept. 17th

6 - 8 PM

@ Brewer Family Entrepreneurship Hub

123 West Mountain Ave

Join us for a networking event connecting students with community partners.

- + Free food and drinks
- + Meet your local sustainability partners
- + Internships and Volunteer opportunities

The Office for Sustainability
238 Harmon Avenue, Fayetteville, AR 72701
(479) 575-3715
sustain@uark.edu

Sponsors:



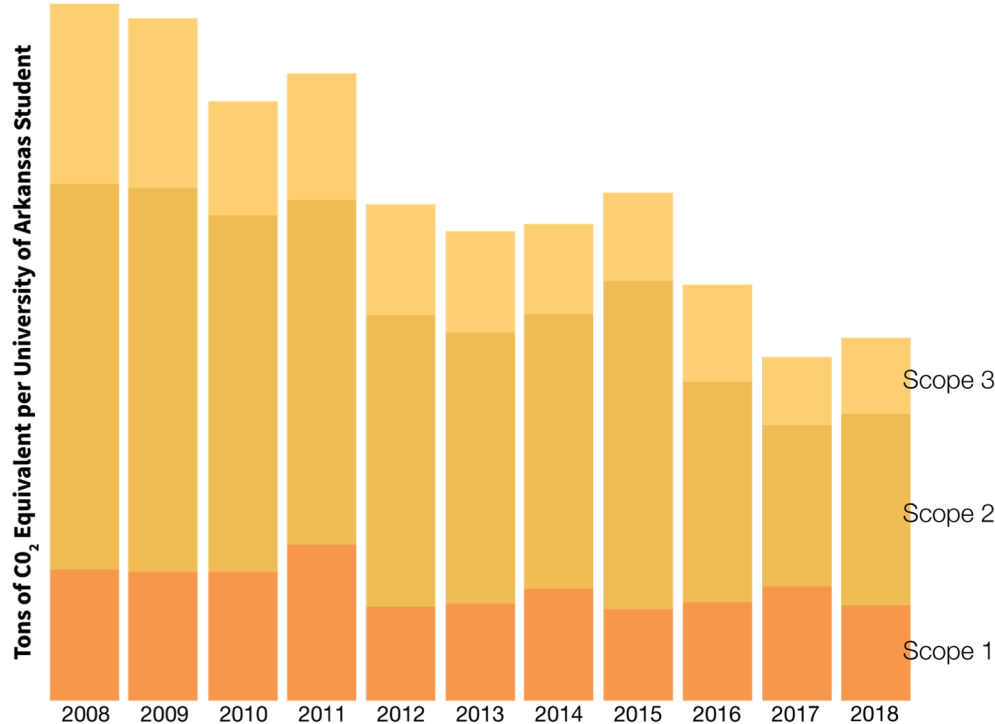
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Brewer Family
Entrepreneurship Hub

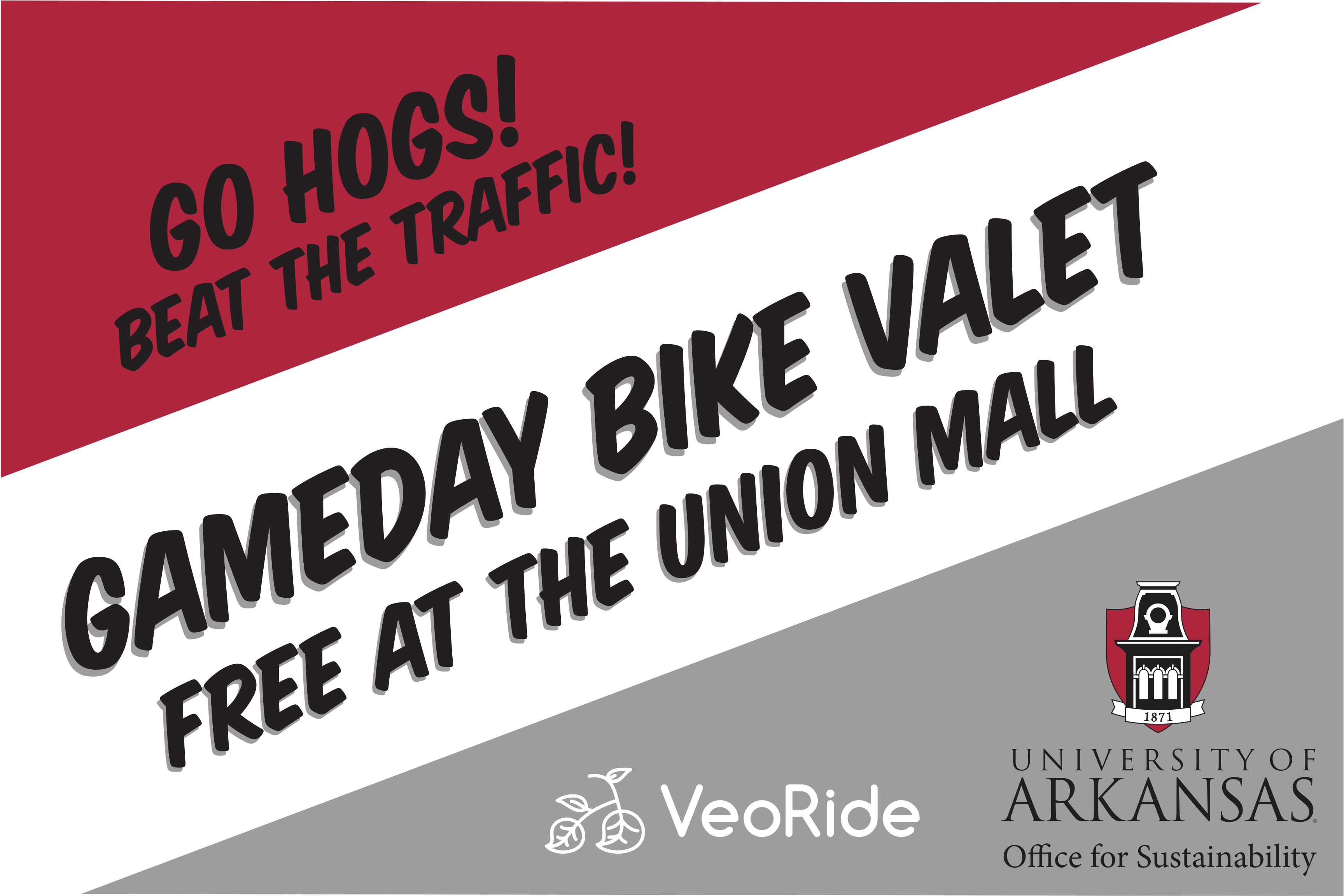
@SUSTAINUA



GOALS



CARBON
NEUTRAL
BY 2040



GO HOGS!
BEAT THE TRAFFIC!

GAMEDAY BIKE VALET
FREE AT THE UNION MALL



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ARKANSAS
Office for Sustainability