



President's Sustainability Advisory Committee

Agenda

November 30, 2018

1:00 p.m.

Room 330C of the Gatton Student Center

Welcome and Introductions

- Members present:
 - Krista Jacobsen
 - Shane Tedder
 - Jennifer Taylor
 - Joanna Ashford
 - Jillian Pyatte
 - Bob Kjelland
 - Brittany Ragland
 - Amanda Hege
 - Helen Turner
 - Todd Shupp
 - Carolyn Gahn
- Guests
 - Esther Moberly
 - Haily Hayslip
 - Kristen McLaughlin
 - Cora Corber
 - Tina Brouwer
 - Megan Van Son
 - Alicia Landon

Sustainability Challenge Grant update – presentation of selected projects – *Shane and Krista*

- 7 SCGs selected to receive a total of \$200K
- 18 total teams submitted proposals requesting almost \$700K
 - Selection heavily informed by technical reviews, but evaluated programmatically
- 5th year of awarding funds
- Funded projects
 - Improving Bicycle Infrastructure Using SPIN Bike-Share Trip Data
 - Just Food
 - Kentucky Integrated Biorefinery
 - Nature Playscape and Native Landscape
 - Organic Waste and Composting Pilot Project

- Sustainability Module for the First-Year Experience
- Tree Cats
- Projects are going to be announced at the Sustainability Forum on December 6th, 4:30-7 PM

Update on discussions with student group *Divest UK* regarding sustainability-focused goals for management of UK's endowment – *Todd and Shane*

- Todd Shupp UK's chief investment officer, oversees investment portfolio
- Divest primary goal is to divest UK's endowment from fossil fuel holdings
- Todd's summary:
 - To do this would impair the diversity of UK's portfolio and UK not considering this at this time but continuing to conduct research.
 - Divest UK has additional interest relative to the endowment including creation of a fund with a specific focus on ESG (Environment, Social, Governance), and additional transparency regarding how UK's endowment is invested and how the returns are used. Todd reported that there is opportunity for progress in these areas and continued discussion with the students is planned.
- Two reports prepared by UK Investment Services group are attached for additional information.(Attachments A and B)

Fair Trade Resolution Review – Megan Van Son, student leader for Fair Trade Student Organization, has successfully moved this forward and it has approval from Eric Monday and UK PR to move forward– *Megan, Kristen and Carolyn*.

- Students have been working to have the university adopt a resolution to become a Fair Trade Certified University. Several requirements in the resolution (Resolution draft Attachment C).
- Passing the resolution
- If UK becomes certified, we will be the largest school in the s/e to become certified
- How is oversight planned?
 - Sustainability Cooperative, student leaders will be working with Carolyn Gahn
 - Student lead with Dr. Sarah Lyon
 - Need to confirm support from Procurement and the UK Bookstore
 - Shane to schedule conversation with Barry Swanson
 - Megan to find contact at UK Bookstore
 - Not a binding document
 - Verification and renewal
 - Once you receive designation, it is technically indefinite
 - No yearly reporting
 - The model fair trade vision
 - across campus, rather than siloed
 - Majority of students have an understanding of what it is, the difference between fair trade & local, and using it as a framework for the three pillars of sustainability.
 - Use it as an education tool
 - Have the ability to easily identify these products

- Gives UK the ability to press our vendors for fair trade
- <https://fairtradecampaigns.org/campaign-type/universities/>
- **Motion - Amanda Hege motioned to send letter of support for the initiative to President Capilouto**
 - **Second: Helen Turner**
 - **Passed unanimously**
 - **Krista and Shane to draft letter and send as soon as Procurement and UK Bookstore endorse.**

1:53 PM Update from UK Dining on new local purchasing programs – *Carolyn*

- [Launched two new initiatives for produce and meat this year](#)
 - Local salad bars
 - Sourcing local greens and toppings for the salad bar w/in 600 miles
 - Weekly commitment for the entire year
 - 24,000 lbs of produce is the commitment
 - Local whole animal
 - 3 cows and 5 hogs per week with Marksbury farm
 - 84 cows & 140 hogs per academic year
 - Educational component for students?
 - Lily Brislen and Carolyn Gahn working with a graphic/digital design class to design a way to locate the local produce and programs in the dining halls. Finding ways to bring this to students' attention. How to tell the story of local food through signage.

2:03 PM Tina Brouwer

- Redwood Oaks Forest School
 - Nature immersion school
 - <https://www.redoaksforestschool.org/>

2:06 PM STARS reporting- *Shane*

- Not completed, goal to complete by the end of the year
- Rating has expired
- Performance year fiscal year '18

Spring Meeting Schedule- *Krista*

- Third Friday of the month, 1-2pm (January-May). Location TBD.

2:09 PM Announcements

- Water added as a component of Sustainability Strategic Plan (Attachment D)
- Judges are need for Sustainability Forum Poster Competition

- December 6th @ 4:30pm
- If you know anyone who could, talk to Alicia Landon alicia.landon@uky.edu
- Sustainability “Dashboard” coming to Student Center
 - In order to get LEED Silver, have to have this interactive dashboard in Student Center

2:18 Adjourn

President's Sustainability Advisory Committee

November 30, 2018 Meeting Minutes

Attachment A

Presentation for Divestment Discussion (4/25/2018)



Divestment Discussion

April 25, 2018

Nolan M. Bean, CFA, CAIA
Head of Institutional Investments

Michael J. Aluisse, CFA, CAIA
Vice President



Fund Evaluation Group[®]
investment advisors

INTRODUCTION

- The following slides are meant to spur the discussion on Socially Responsive Investing, ESG, and divesting of fossil fuels
- As a reminder, from the University of Kentucky Endowment Investment Policy Statement:

*The University of Kentucky Endowment (“Endowment”) is an aggregation of funds comprised of **gifts from donors and grants from the Commonwealth of Kentucky** with the requirement they be invested in perpetuity **to generate a reliable and steadily growing income stream to support the mission of the University** now and in the future. The revenue stream, or total return spending distributions, supports scholarships, chairs, professorships, basic research, as well as academic and public service programs, as defined by the individual endowment agreements. **The Endowment is expected to provide fiscal stability since the principal is invested for long-term growth and total return spending distributions are generated year after year.***

*The University of Kentucky has a **fiduciary responsibility to prudently manage and preserve the long-term purchasing power of the Endowment,** as well as the individual endowment funds, in order to evenly support present and future beneficiaries.*

INVESTMENT COMMITTEE AND STAFF – ACTING AS A FIDUCIARY

- Fiduciary – from the Latin *fiducia*, meaning “trust”
- Fiduciaries are responsible for acting solely in the interest of participants and beneficiaries and for the exclusive purpose of providing benefits
- Fiduciaries must:
 - Act prudently and diversify investments to minimize the risk of large losses
 - Follow the governing documents and donor intent
 - Serve the client-first, providing un-conflicted advice
 - Adhere to duties of prudence, loyalty, and care

“The trustees of an endowment institution are the guardians of the future against the claims of the present. Their task is to preserve equity among generations.”

*— James Tobin, 1981 Nobel laureate,
Sterling Professor of Economics, Yale University*

OBJECTIVES: SPENDING

- The goal: maintaining purchasing power over the long-term with investment returns in excess of spending, fees, and inflation

- Example:

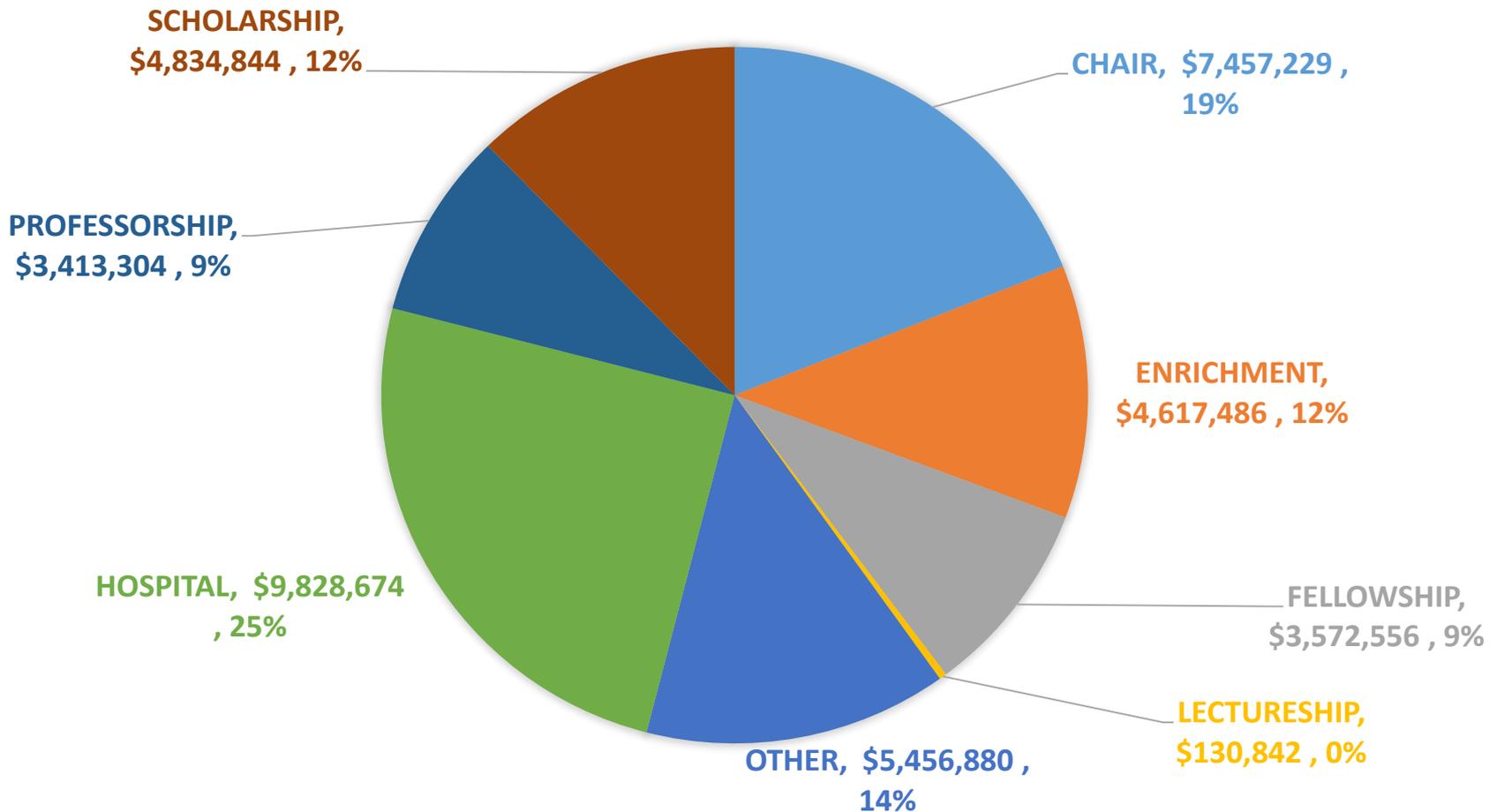
$$\begin{array}{c} \sim 5.0\% \\ \textit{Spending} \end{array} + \begin{array}{c} \sim 2.5\% \\ \textit{Inflation} \end{array} = \begin{array}{c} \mathbf{7.5\%} \\ \mathbf{\textit{Primary Objective}} \end{array}$$

- Inflation assumption includes growth in spending and fees
- In a lower return environment, a naïve mix of stocks and bonds will likely prove inadequate

ENDOWMENT SPENDING - OVERVIEW

- Spending (\$39 million in FY17) goes to support critical components of the University of Kentucky as an institution

BREAKDOWN OF ENDOWMENT SPENDING



WHAT IS RESPONSIVE INVESTING?

Investments that have both a financial and social return criteria is can be categorized as Responsive Investments.

TYPE OF RI

MISSION-RELATED INVESTING (MRI)

Investments that support the mission of the foundation by generating a positive social or environmental impact.

SOCIALLY RESPONSIBLE INVESTING (SRI)

Primarily negative exclusionary criteria of “sin stocks”

ENVIRONMENTAL, SOCIAL, GOVERNANCE (ESG)

Holistic criteria to implement broad Responsive Investing mandate

ENVIRONMENTAL, SOCIAL, GOVERNANCE

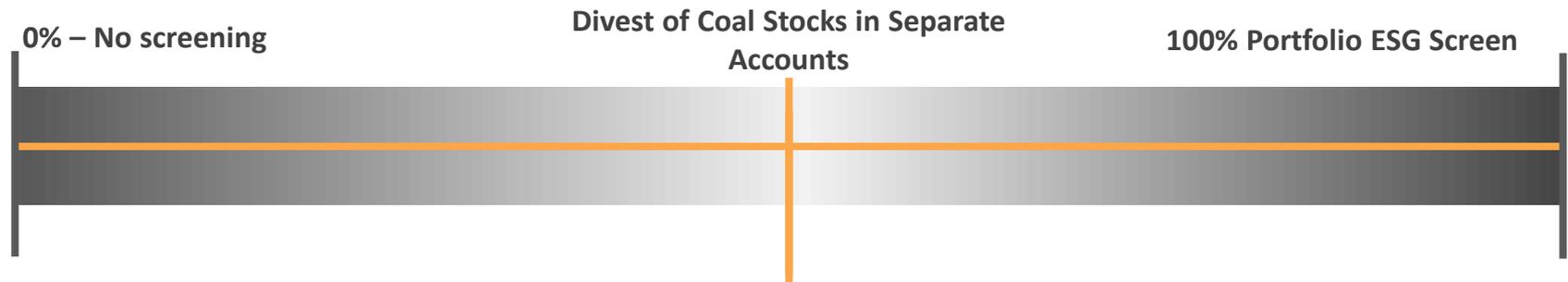
There are a multitude of different causes that fall within ESG mandates

- Environmental
 - Energy Efficiency
 - Waste Management
- Social
 - Diversity, Labor, Human Rights Issues
 - Product Safety & Quality
 - Supply Chain Management
 - Community Relations and Philanthropy
- Governance
 - Transparent Financial Disclosure
 - Political Contribution Disclosure
 - Reasonable Executive Compensation
 - Employee Satisfaction

WHAT IS DIVESTMENT?

- Divestment is the process of eliminating investments in securities for a specific reason (investment related, social, environmental etc.)

Implementation varies:



+ No introduction of additional costs

+ No asset allocation structural limitations

- No action toward including social missions on investment process

Begin screening process in public equity portfolio

+ Include social mission in process

- Alters investment process away from strictly maximizing risk adjusted return

100% Portfolio ESG Screen

+ Fully investing to help support social mission of stakeholder groups

-Introduce additional fees through screening

-Decrease diversification (elimination of partnerships)

-Alter asset allocation



Positive Screen

- Overweight securities that support the cause being considered
- Examples: investing in clean technology companies, overweight companies with the best governance practices, etc.



Negative Screen

- Underweight, or eliminate, the securities that undermine the cause being considered
- Examples: avoid the Carbon Underground Top 200 Fossil Fuel companies, avoid tobacco stocks, etc.

RECENT CAMPAIGNS ACROSS THE COUNTRY

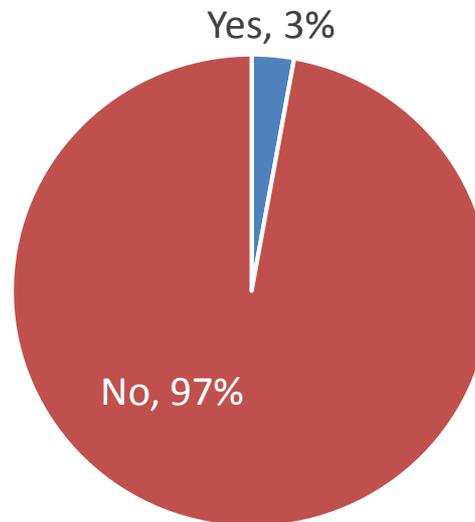
- In the late 90s, activists urged institutions to eliminate investments in the South Africa based on humanitarian concerns
- More recently,
 - Princeton - multinational corporations that “sustain the illegal military occupation and blockade of the Palestinian Territories”
 - University of Pennsylvania - tobacco stocks
 - CALPERS (2000) – costly decision (\$3BN)
 - Multiple universities (University of Florida, Columbia University, etc.) - firearms
 - Harvard – Puerto Rico debt
 - The 350.org movement has seen a number of non-profit institutions commit to divesting of fossil fuel stocks
 - Approaches/responses vary widely (Harvard – Stanford – University of Glasgow)

Each of these causes are have garnered student and faculty interest.

INSTITUTIONAL PEER UNIVERSE

- 809 U.S. endowments and affiliated foundations participated in the 2017 NACUBO-Commonfund Study of Endowments (NCSE), representing \$567 billion in combined endowment assets
- Of the 809 reporting U.S. institutions, 23 have committed to divest in some capacity¹

Fossil Fuel Investment Considerations NACUBO



¹US Educational Institutions committed to divesting of fossil fuels in some capacity as reported by gofossilfreeusa.org

¹This data is from the 2017 NACUBO-Commonfund Study of Endowments (NCSE)

REASONS FOR WHY SOME UNIVERSITIES HAVE PASSED - NACUBO

Constraining investment options risks potentially reducing investment returns and the ability to manage the volatility of investment returns.

-Private university in the Upper Midwest

The fiduciary responsibility is to maximize total returns over the long term.

-Private university in the Rocky Mountain West.

Although the economic impact on fossil fuel companies would be inconsequential, the potential cost of divesting from all fossil fuel holdings, directly and indirectly held, could be so high that it would seriously compromise the institution's ability to serve its educational mission

-Private university in the Northeast

Endowment goal is to maximize risk-adjusted returns to enable (the) university to advance the institutional mission.

-Private university in the Northeast

The expense ratios associated with these types of investments are often higher.

-Public university foundation in the Southeast

Limitation of investment set reduces return opportunities.

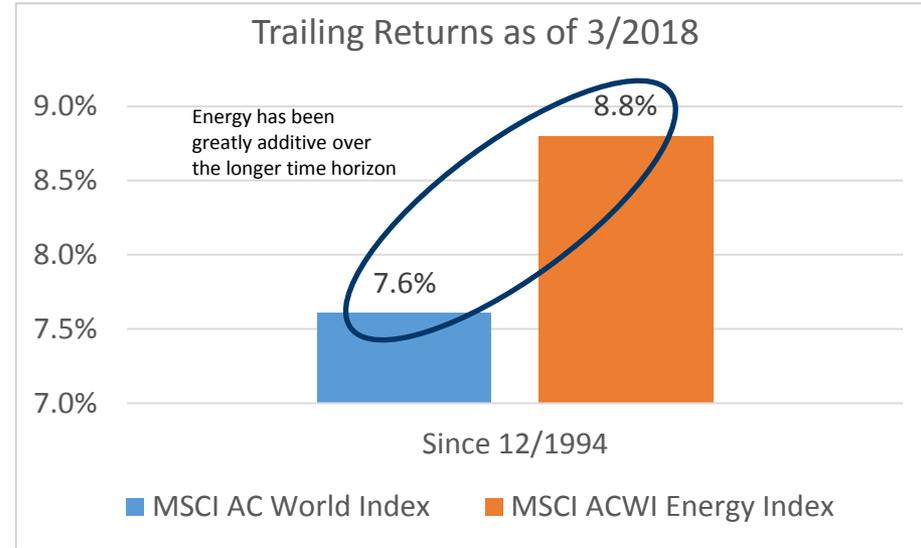
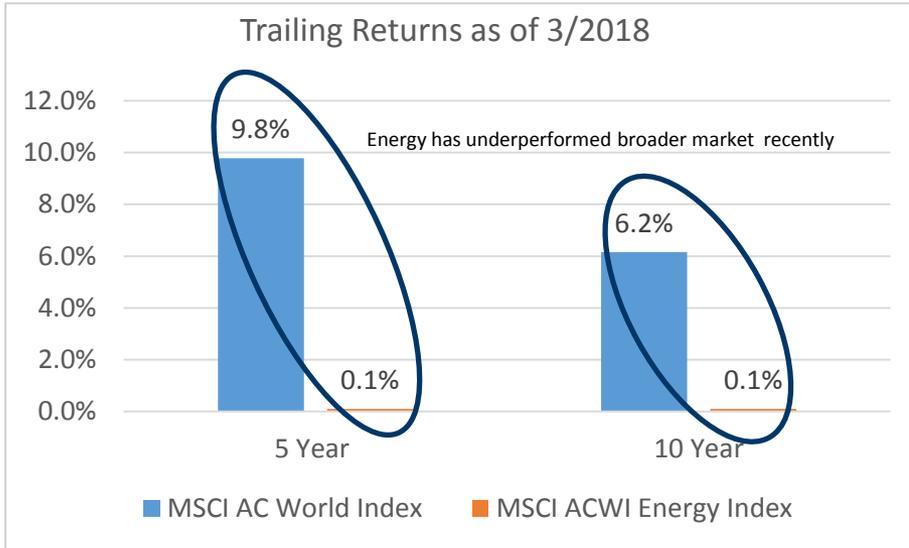
-Private university in the Northeast.

Our endowment assets have been donated by generous donors to support our mission first and foremost, not to adhere to defined ethical guidelines or incorporate ESG factors.

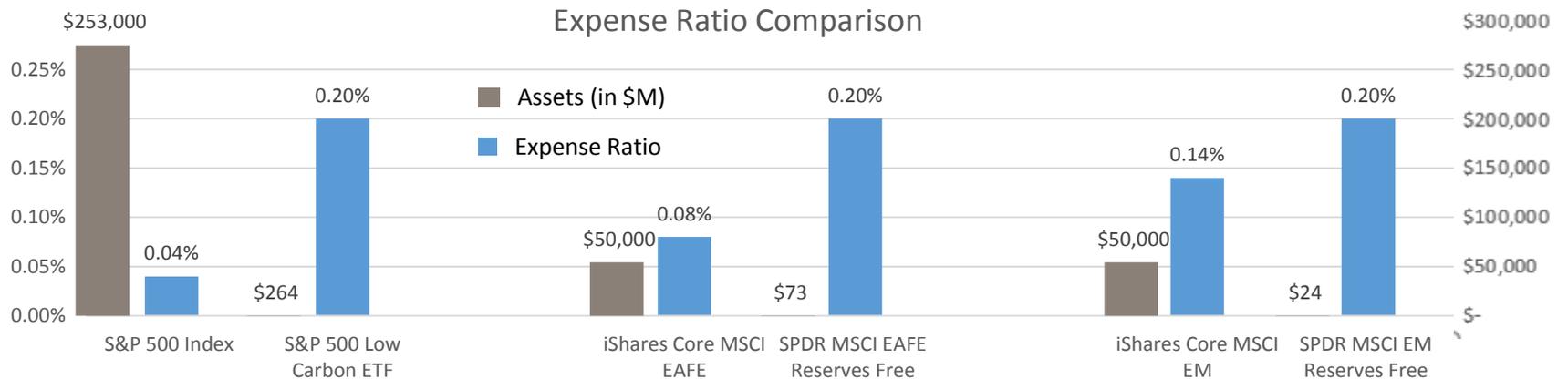
-Public university foundation in the Southwest

REASONS WHY SOME UNIVERSITIES HAVE NOT DIVESTED

Many studies show the positive impact of divesting on investment returns, however the results are less convincing when viewed over the longest possible time horizons



Cost, and the availability of investable options is also a primary factor



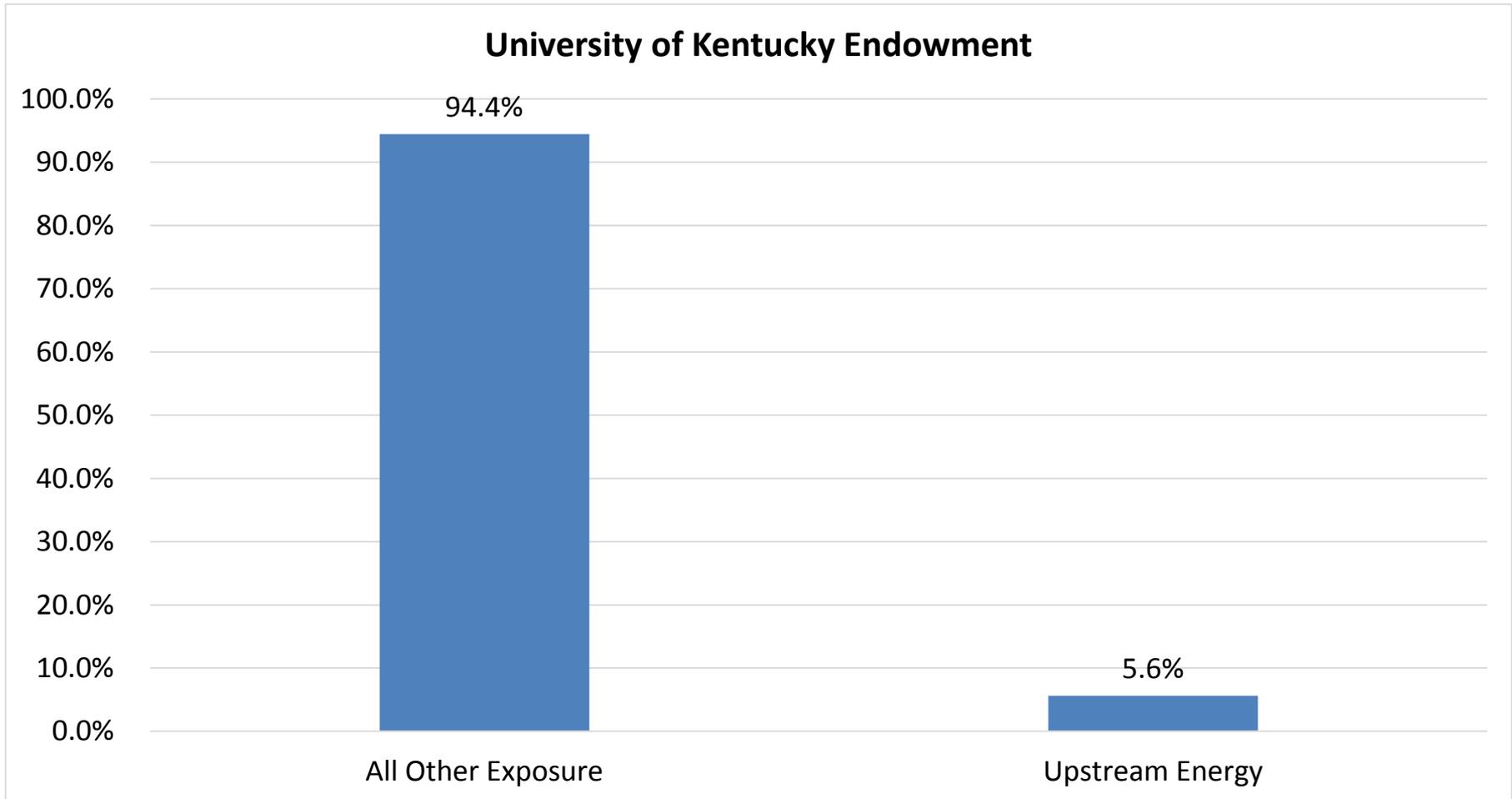
UK DUE DILIGENCE UPDATE

Investment office research conducted since February meeting:

- Conducted due diligence meetings with RI/ESG managers (e.g., Impax, Equilibrium)
- Established dialogue with peer institution regarding fossil fuel divestment (e.g., UMass)
- Expanded in-house due diligence files (both ESG and divestment focused)
- Continued research on how existing managers are framing/incorporating ESG factors

CURRENT DISCUSSION – FOSSIL FUELS

The total Endowment portfolio currently has exposure to upstream energy across multiple asset classes and investment managers; however the exposure is limited



¹As of 12/31/2017, estimated exposure based on manager responses or recently provided strategy data. It is estimated that 1.4% of the portfolio is invested in the CUTop 200 Public Companies

CURRENT CONSIDERATIONS

- The number of available ESG investment options continues to grow
 - However some include additional costs
 - Many come with a broad mandate (also screen tobacco stocks, factory farming, etc.)
- The UK portfolio currently holds roughly 60 investment managers, spanning a number of different asset classes, each fulfilling a specific role for the investment strategy
- The current portfolio incorporates investments in renewable energy, and will continue to seek attractive risk/return opportunities in this space going forward
- Is the top 200 the right company list?

POTENTIAL IMPACT FROM DIVESTMENT

- In order to fully divest of fossil fuels, the asset allocation would need to be altered, having a significant impact on expected returns/diversification
- Limited Partnership vehicles wouldn't be available given their inability to be customized
- The real assets opportunity set would be reduced to real estate and timber, justifying a lower allocation

	Current Targets	Alternative AA
Expected Return	8.1%	7.4%
Expected St. Deviation	15%	15%
	Current Targets	Alternative AA
Public Equity	20%	30%
Hedged Equity	5%	-
Private Equity	15%	20%
High Quality Fixed Income	10%	30%
Credit Sensitive Fixed	10%	10%
Real Assets	20%	10%
Diversifying Strategies	20%	-

Expected Market Value
Ten Years



Cumulative 10 Year Spending



NEXT STEPS

- Given our mandate and the severe diversification impact that fossil fuel divestment would have on the UK portfolio, we do not consider it prudent or within our fiduciary duty to eliminate all fossil fuel corporations in the Carbon Underground 200.

- However, we recognize the importance of this and the broader ESG movement and plan to move forward on the following initiatives:

- Near Term
 - Continue to evaluate approaches for incorporating ESG in the endowment portfolio
 - Continue researching opportunities to invest in clean energy strategies
 - Explore creation of UK Committee on Responsible Investing (including students, faculty, administration)

NEXT STEPS

- Medium Term
 - Evaluate creation of donor advised RI/ESG pool
 - Consider ways to provide additional detail/definition of endowment investments to aid in student understanding
 - Longer-Term: Evaluate ways to incorporate ESG factors in manager evaluation/selection

- Longer Term
 - Consider whether to include ESG-related language in the Investment Policy
 - Maintain an open dialogue with University students and faculty
 - Continue to educate through dialogue with other investment offices and managers

President's Sustainability Advisory Committee

November 30, 2018 Meeting Minutes

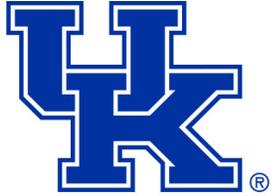
Attachment B

Presentation for Endowment Investment Discussion (11/2/2018)



Endowment Investments Discussion

November 2, 2018



Background

- The Investment Office outlined several goals in April 2018 related to Responsible Investing (RI) and Environmental, Social & Governance (ESG) approaches
- The following slides highlight the significant progress we have made toward these goals
- Following a recap of our accomplishments, we include an updated list of our goals and next steps



Investment Office Initiatives

Key Updates Since July Meeting

- Expanded investment staff
 - Hired Nancy Rohde, doubling resources dedicated to investment research
 - Knowledge on leading ESG managers gets us further up the learning curve
- Continued to evaluate approaches for incorporating RI / ESG in the endowment portfolio (a stated near-term goal)
 - Several ESG-focused research meetings with managers, including onsite due diligence meeting with a clean energy manager (MAP)
 - Attended Sustainable Investing Summit 2018
 - Continued to expand research library with 20 articles



Investment Office Initiatives

Key Updates Since July Meeting (continued)

- Integrated ESG factors in our manager evaluation process (a stated medium-term goal)
 - Built new research templates with specific ESG fields (firm/strategy)
 - Raised questions about ESG in several manager calls (across asset classes)
- Researched options to receive points in STARS report
 - Search for potential overlap between our progress and survey thresholds
 - Points awarded for establishing a RI Committee, making RI/ESG investments, disclosing portfolio holdings
 - We will evaluate further, but some roadblocks revealed in initial work:
 - Requirement for security-level holdings detail
 - High threshold to receive credit for RI/ESG investment



Investment Office Initiatives

Key Updates Since July Meeting (continued)

- We understand enhanced reporting on endowment investments to support student understanding is a key goal of Divest UK
 - This is also one of our stated goals, elevated to a near-term item
 - Need to identify what type/level of portfolio reporting is useful/feasible
- We are happy to participate in a work group and collaborate in developing a reporting template



Next Steps

- **Near Term**

- Continue evaluating options for incorporating ESG in endowment portfolio
- Continue researching opportunities to invest in clean energy strategies
- Continue incorporating ESG factors in manager evaluation process
 - Circulate survey to our current managers to gauge whether they signed the UN PRI and have dedicated ESG strategies, staff, and/or procedures
- Consider ways to provide additional detail on / definition of endowment investments to aid in student understanding

- **Medium Term**

- Explore creation of UK Committee on Responsible Investing (including students, faculty, administration)



Next Steps

- **Longer Term**

- Evaluate creation of donor advised RI / ESG pool
- Consider whether to include ESG-related language in the Investment Policy

- **Ongoing**

- Maintain an open dialogue with University students and faculty
- Continue to educate ourselves through dialogue with other investment offices and managers



Conclusion

- The Investment Office has continued to make significant, measurable progress in our ongoing RI/ESG research
- There are many initiatives we are willing to pursue, but we will not agree to divest or freeze new investments in the fossil fuel industry given our investment mandate and fiduciary duty
- Our research on RI / ESG remains ongoing, and we continue to believe it will take time to thoroughly evaluate this rapidly-evolving area

President's Sustainability Advisory Committee

November 30, 2018 Meeting Minutes

Attachment C

Fair Trade University Resolution

University of Kentucky Fair Trade Resolution

WHEREAS

- What we choose to purchase, eat, and drink impacts farmers, workers, artisans and the environment;
- Growers of coffee, tea, chocolate and other products produced in Latin America, Africa, and Asia are often paid less than a living wage, and forced child labor may be involved;
- Conventional means of growing coffee and other commodities are often damaging to the environment, harming local ecosystems;
- Fair Trade ensures fair wages, safe working conditions, and environmental sustainability, and prohibits forced labor of any kind;
- Many campus groups around the country and the world already support Fair Trade;
- The University of Kentucky has endorsed the Earth Charter (or Millennium Development Goals, or other statement of principles), and supporting Fair Trade is an effective way to put into practice the principles of social justice and environmental sustainability;
- By becoming a Fair Trade University, the University of Kentucky will demonstrate a commitment to sustainability;
- By becoming a Fair Trade University, the University of Kentucky will more effectively educate the campus community about Fair Trade;
- By becoming a Fair Trade University, the University of Kentucky will inspire other institutions and organizations to support Fair Trade.
- By becoming a Fair Trade University, the University of Kentucky will enhance its image as a leader in sustainability and social justice issues;

BE IT RESOLVED:

That the University of Kentucky should dedicate itself to be a Fair Trade University, which would consist of the following:

1. **Dining facilities:** The college/university will work with its food service contractor to make Fair Trade coffee, tea, chocolate, and other Fair Trade products available in its dining facilities, consistent with the terms of food service contracts and where the resulting costs do not significantly jeopardize board rate costs.
2. **Catered events:** The college/university will work with its food service contractor to make Fair Trade products available at catered meetings hosted by the school, consistent with the terms of the food service contract.
3. **Offices:** The college/university will work with its food service contractor and/or office supplier to make Fair Trade products available for administrative and

faculty offices whenever possible and consistent with the terms of existing contracts.

4. **Stores:** The college/university will include Fair Trade food products, apparel and handicrafts (such as jewelry, and other gift items) in campus stores whenever possible and subject to the terms of vendor contracts.
5. **Education:** The college/university will support students, staff, and faculty working to increase on-campus awareness of Fair Trade through events, the incorporation of Fair Trade into curricula, and other efforts.
6. **Procurement:** The college/university commits itself to exploring the incorporation of Fair Trade procurement into current purchasing practices and policies. This process will begin within six months after the ratification of this document.
7. **Acknowledgment:** The college/university will identify and promote Fair Trade products at campus functions and stores with appropriate signage or information.
8. **Implementation:** The college/university, in consultation with the (e.g., FAIR TRADE COMMITTEE, CAMPUS SUSTAINABILITY COUNCIL, etc.) will oversee the implementation of the above commitments.

Name:
Signature:

Title: University President
Date:

Name:
Signature:

Title: Sustainability Coordinator
Date:

Name: CAROLYN GAHN
Signature:

Title: UK Dining Sustainability Manager
Date: 11/14/18

Name: Megan Van Son
Signature: Megan Van Son

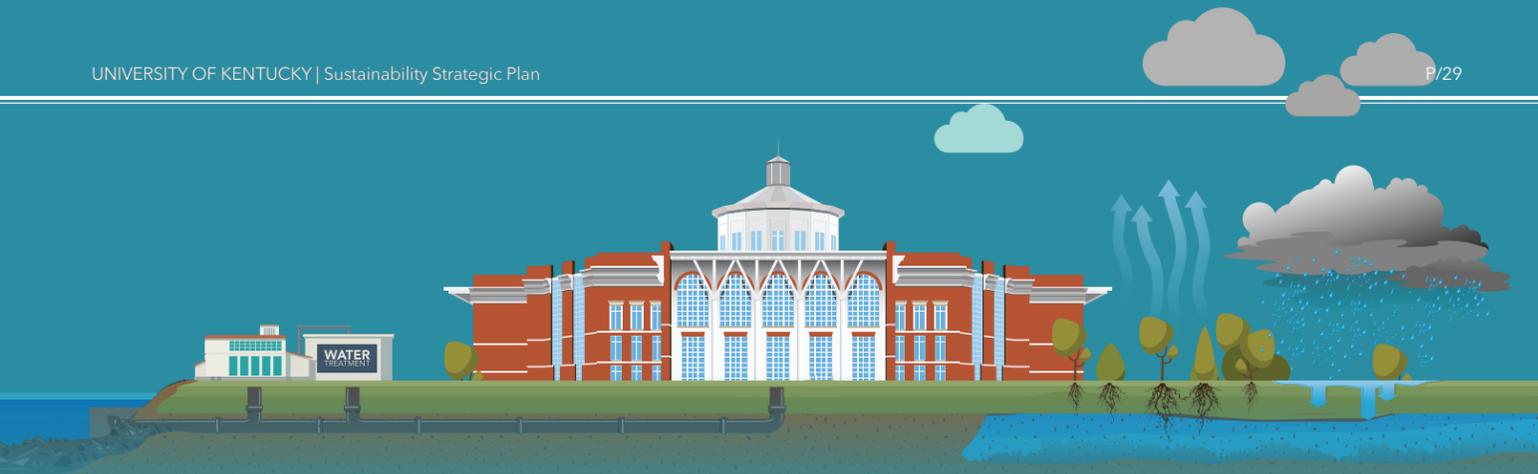
Title: UK Fair Trade Campaign President
Date: 11/15/18

President's Sustainability Advisory Committee

November 30, 2018 Meeting Minutes

Attachment D

Water Strategy for UK Sustainability Strategic Plan



WATER

Maximize the infiltration and evapotranspiration of stormwater, protect water quality, and conserve water resources.

Water conservation and effective stormwater management reduces effluent discharge into local surface water bodies, which helps improve the health of local water ecosystems. Likewise, conservation, water recycling and reuse, and effective stormwater management practices are important in maintaining and protecting groundwater supplies. Pumping, delivering, and treating water is a major driver of energy consumption, so optimizing use of water on campus will reduce energy use and the greenhouse gas emissions associated with energy generation.

The University of Kentucky has a strong foundation for implementing this strategy thanks to the work of the Water Quality Management Program, the Water System Working group of the Tracy Farmer Institute for Sustainability and the Environment, the Kentucky Water Resources Research Institute, and allied efforts of numerous other researchers and operational units.

TACTICS



1. Maximize stormwater infiltration and evapotranspiration



2. Minimize negative impacts to water quality across all operations



3. Optimize the use of water in campus facilities



4. Optimize the use of water on campus grounds



5. Conduct water-focused outreach and engagement on campus

TACTICS AND ACTION ITEMS

1. Maximize stormwater infiltration and evapotranspiration

- 1.1 Develop a Stormwater Master Plan for campus
- 1.2 Create standards for, and prioritize, low impact development and green infrastructure for stormwater management in support of the Campus Landscape Guidelines
- 1.3 Optimize the use of pervious hardscape by setting standards for construction and identifying priority areas for retrofit
- 1.4 Minimize unnecessary soil compaction and reestablish healthy soil profiles through remediation and construction standards
- 1.5 Support UK's efforts to implement annual increases of campus tree canopy coverage

2. Minimize negative impacts to water quality across all operations

- 2.1 Develop and maintain a Stormwater Quality Management Plan that meets all regulatory requirements and fully expresses the stormwater usage and management aspirations of the University by engaging all of the interests, expertise and knowledge of its faculty, staff and students. This plan shall include a comprehensive section on stormwater procedures that contains all policies/procedures/best management practices (BMPs) utilized to protect water quality and encompassing new initiatives such as an extensive preventative maintenance program, stormwater protection during emergency/unplanned events, and a new waterfowl management program
- 2.2 Optimize the use of riparian buffers and managed no-mow setbacks along streams and waterways where possible
- 2.3 Manage, track and optimize the application of lawn/turf chemicals and deicers/salts
- 2.4 Reduce sanitary sewer exfiltration through lining/replacement projects
- 2.5 Eliminate the discharge of harmful substances into the storm and sanitary sewer systems
- 2.6 Make improvements to our construction project management to provide for better oversight and enforcement of stormwater requirements
- 2.7 Operate an effective illicit discharge detection and elimination program to reduce/eliminate non-stormwater discharges

3. Optimize the use of water in campus facilities

- 3.1 Set performance and construction standards for faucets, showers, fountains, irrigation, etc.
- 3.2 Set targets for water use as a function of indoor building space
- 3.3 Harvest condensate from cooling systems
- 3.4 Monitor and maintain delivery systems to minimize leaks and protect water quality

4. Optimize the use of water on campus grounds

- 4.1 Optimize irrigation systems usage
- 4.2 Utilize stormwater harvesting for irrigation/reuse
- 4.3 Develop strategies and design standards for landscaping that optimizes water use

5. Conduct water-focused outreach and engagement on campus

- 5.1 Develop and maintain social media sites focused on stormwater
- 5.2 Develop and distribute education materials to UK's faculty, staff, students, visitors, and the broader community, and focus efforts on pollutants impairing local waterways
- 5.3 Conduct annual staff training on stormwater impacts and illicit discharge detection and elimination
- 5.4 Routinely evaluate the stormwater program to determine its effectiveness
- 5.5 Develop a stormwater steward program
- 5.6 Host events to increase stormwater awareness
- 5.7 Involve students, faculty, and staff in stormwater activities including planning and operational efforts (drain marking, rain garden maintenance, stream restoration projects, etc)
- 5.8 Develop a consortium of stormwater professionals with a specific focus on college and university campuses