



BUTLER

Sustainability and Climate Action Plan: Addendum 2019-2021

A Butler University initiative led by the Center for
Urban Ecology and Sustainability and Operations:



Executive Summary

Sustainability is widely recognized as a unifying framework in higher education that models community responsibility, creates cross-disciplinary curricular and co-curricular collaborations, provides a framework for student leadership and faculty research, enhances student recruitment and admissions, improves campus aesthetics and resiliency, and achieves gains in return on investment. Over the last seven years, Butler University has made significant declarations to reduce its negative impacts to the environment, including a commitment to carbon neutrality by 2050 as a signatory of the Second Nature Presidents' Carbon Commitment. In 2018, Butler University submitted and received a bronze ranking on its first application to the Association for the Advancement of Sustainability in Higher Education Sustainability Tracking, Assessment, and Rating System (AASHE STARS), the assessment tool that all universities dedicated to sustainability utilize to track campus sustainability. This assessment—broadly covering environment, equity, and economics—provided Butler with a comprehensive baseline of campus sustainability and facilitated the identification of key opportunities for improvement in the scope and depth of sustainability initiatives on campus.

Perhaps the most beneficial outcome of Butler's STARS report was the demarcation of a clear need to align our sustainability roadmap, the 2014 Butler University Sustainability and Climate Action Plan (BUSCA), to the STARS assessment tool. The result of this effort—outlined here as the BUSCA Addendum—utilized STARS baseline data to identify specific short-term strategies and associated responsible parties. The BUSCA Addendum serves to strategically achieve the broad objectives outlined in the 2014 BUSCA plan and improve our STARS score when resubmitting in 2021 and 2024. The strategies set forth in this BUSCA Addendum are designed to be low cost, easy wins across departments to build a coalition of sustainability change makers and propel Butler on a course toward innovative planning and programming. This will create enthusiasm and buy-in for sustainability with students, faculty, and staff while integrating sustainability holistically across Butler. The recommended BUSCA Addendum strategies identify specific approaches that will guide Butler in achieving a high STARS Silver rating in fall 2021 and outline a path for Gold in 2024. A silver ranking will pull Butler out of the bottom 18% of reporting institutions for sustainability and place Butler on par with peer and aspirant institutions.

Achieving STARS Silver requires a multi-faceted approach that includes operations and academics. By putting resources toward both operations and academics, Butler will be able to leverage additional STARS points and cost savings as we prepare to position ourselves in the top 40% of higher education leaders in sustainability through progress to gold. Academics, through CUES programs, can make significant progress with minimal funds through identified short-term strategies. Many ROI benefits for academics are impossible to calculate such as the impact to student curricular and co-curricular activities, job preparedness through internships and community partnerships, hands on project development experiences for students, increased enrollment and retention, enhance cross-disciplinary collaboration, and sustainability benefits and outcomes for Butler. Maximizing the innovative ties between operations and academics can position Butler to be at the forefront of true experiential learning, serving as a 'campus as a learning laboratory' while prioritizing student learning through campus-based projects.

Much of the estimated operational cost savings are from energy efficiency upgrades in the Butler built environment identified through short-term strategies, with rewards being seen in the next 3-5 years. Achieving STARS points via operations will first require a short-term commitment to fund the implementation of energy tracking and monitoring systems. Using this new infrastructure, Butler can more effectively set energy reduction goals in pursuit of its 2024 STARS application for gold and assist in achieving the President's Carbon Commitment of zero emissions by 2050 signed by President Danko.

Key strategies with short-term gains

- Implement a Sustainability Leadership Cohort program that engages students from across campus in community-engaged sustainability projects through eco-reps, fellowships, internships, and volunteer opportunities.
- Develop and administer a Food Systems minor and certificate program through the STES program.
- Create a CUES Faculty Affiliates program with resources for faculty to incorporate sustainability into teaching or research.
- Establish a Green Office Certification program.
- Deepen partnership between Bon Appetit and the CUE Farm through produce purchases, shared internships, and curricular and co-curricular programming.
- Monitor campus biodiversity and make recommendations for campus land management through CUES internships.

Key strategies with long-term gains

- Implement energy tracking and monitoring systems in all buildings on campus.
- Develop a bin standard for recycling and landfill bins around campus and streamline bin locations for contamination reduction.
- Develop and distribute a transportation survey to the campus community and promote sustainable transportation options based on results.
- Develop a life cycle cost analysis and audit current purchasing to identify more sustainable and cost effective purchasing options.

Strategies outlined in the BUSCA Addendum will ultimately

- Operationalize BUSCA to achieve STARS Silver Certification upon re-application at end of calendar year 2021
- Increase the accessibility of sustainability for the Butler community
- Empower and mobilize sustainability advocates across all areas of campus through a cohesive, outcomes-driven plan

Strategies	Total cost	Areas Covered	Total ROI	# strategies	STARS
Short-term gains: 1-2 years	\$135,000 annually	Academics, student engagement, food/composting, campus farm, Investment, Fair Labor Association Certification	Time savings for faculty & increased CUES organizational capacity through intern campus-based research projects	41	~ 23-30 point: <i>Silver Certification</i>
Long-term gains: 3-5 years	~ \$1M +	Energy, GHG, Investment, waste, water, transportation	Significant ROI potential: cost savings TBD	30	up to 30 based on reduction rates: <i>Gold Certification</i>

Sustainability

The context of sustainability is overarching and embedded in systems we utilize everyday. We regularly impact the world around us, often without considering the implications of our actions. Through focusing on sustainability we examine human systems and actions through three intersecting factors: the environment, equity, and the economy. These three factors must be valued equally to deem an idea, project, or action sustainable. Incorporating sustainability requires mindfulness of process, empathy toward other human experiences, and acknowledgement of the impact we leave on the world around us. By employing a sustainable lens, we look holistically at the challenges facing our community and co-create solutions for a healthy, just, and prosperous future for all.

In practice, sustainable policies and procedures make business sense as they are often rewarding long term investments. In the built environment, incorporating sustainability provides more efficient heating and cooling systems, less energy use and smaller utility bills, and a healthier working environment. In human systems, it is celebrating diversity, providing resources to support our community, and contributing to a thriving academic environment. In many ways, sustainability is not only the ethically right approach, but it is also beneficial to efficiency, cost effectiveness, and human well-being.

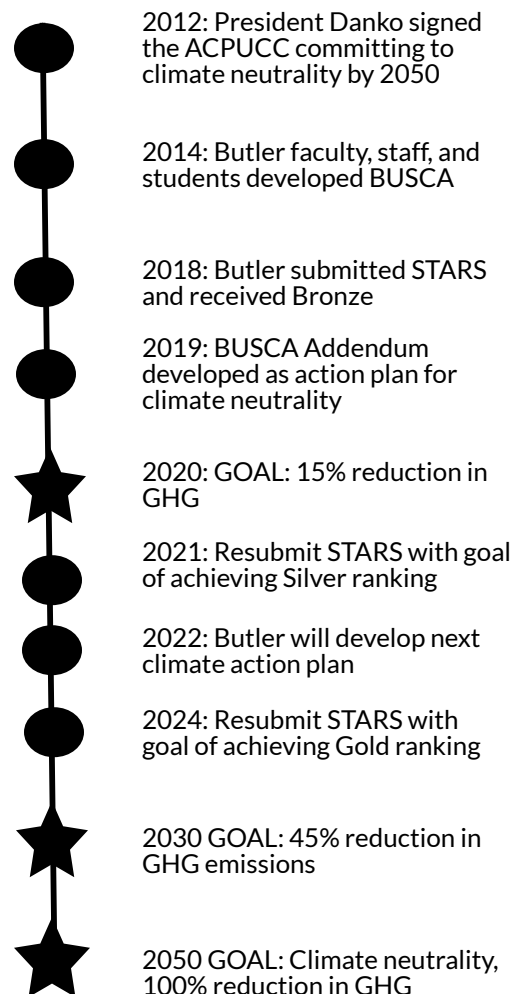
Butler's Commitment to Sustainability

Universities can—and should be—at the forefront of exploring innovative solutions, propelling research into action while creating the next generation of change agents. Butler acknowledges its moral and educational role in inspiring change agents through innovative projects while also recognizing the benefits of this leadership to institutional efficiency and operational cost savings. In fact, it's the Butler Way.

In May, 2012 President Danko signed the ACUPCC (American College and University President's Climate Commitment) solidifying Butler's responsibility to reduce the University's impact in furthering climate change. Through the ACUPCC, Butler made a highly visible statement to reduce GHG (greenhouse gases) by 15% by 2020, 45% by 2030, and to be 100% free of GHG emissions, i.e. carbon neutral, by 2050. In reducing Butler's GHG emissions, the University discharges less toxins into the environment, mitigating Butler's contributions to climate change. GHGs are released into the air we breathe from numerous sources including: buildings, utilities, vehicles, technology, and product purchasing. Through identifying major sources of GHG emissions, the University can develop a plan for mitigation, including education for behavior change, which will result in cost savings and operational efficiency.

In 2014, to provide guidance to Butler's ACUPCC sustainability commitment, faculty, staff, and students developed the Butler University Sustainability and Climate Action Plan (BUSCA) which was signed into action by President Danko. BUSCA brought together key stakeholders and experts to identify sustainability challenges across the University and develop a plan for minimizing negative environmental impact. The publication of BUSCA represents Butler's pledge to environmental stewardship, sustainability leadership, and its formal commitment to achieve climate neutrality.

To further emphasize commitment to sustainability, Butler submitted its inaugural AASHE STARS report in 2018, which examines a wide scope of sustainability across the University. The Association for Advancement in Sustainability in Higher Education (AASHE) is a globally recognized leader in creating benchmarks for universities to meet sustainability challenges. The STARS, Sustainability Tracking, Assessment, and Rating System, asks universities to examine current practices, keeping sustainability at the forefront of innovation. STARS utilizes a holistic definition of sustainability beyond operations and carbon emissions including: diversity and affordability, investment and finance, food and dining, purchasing, campus health and wellbeing, transportation, academics and research, and public engagement. This comprehensive assessment is well-aligned with Butler's goals as an institution. Butler received STARS Bronze Certification, highlighting sustainability successes and opportunities to further the University's commitment to equity, economics, and the environment.



Need for BUSCA Addendum

As STARS continues to serve as a tool for institutions of higher education to advance sustainability, it is essential to utilize this proven framework to align university-wide sustainability goals to optimize funds, maximize human capital, and achieve high rates of project success. The 2014 BUSCA focused heavily on operational and environmental issues while limiting inclusion other aspects of sustainability: equity and economics. In aligning the BUSCA to STARS through a short-term Addendum, Butler will evaluate the sustainability baseline on campus in a wide scope, create benchmarks for improvement, and develop an action plan to advance sustainability initiatives. The BUSCA Addendum serves to provide tangible strategies, a timeline for achieving sustainability goals set forth in BUSCA, and assigns sustainability strategies to change-makers on campus.

Next Steps

The following strategies are key areas identified by comparing BUSCA, STARS, and the Center for Urban Ecology and Sustainability (CUES) Strategic Plan and capitalizing on existing resources, programs, and expertise on campus. In unifying these documents, Butler can revise sustainability goals while addressing multiple University-wide priorities. Planning to achieve carbon neutrality by 2050 will be an iterative process, with the current BUSCA Addendum addressing the time period Fall 2019 through Spring 2021. Through the completion of the strategies outlined below, Butler will achieve STARS Silver Certification upon re-application in 2021. Utilizing the new Butler sustainability baseline highlighted in the STARS process and the momentum built through this BUSCA Addendum, the University will re-evaluate sustainability commitments and develop a new Sustainability and Climate Action Plan for 2022 and beyond.

Sustainability Support

The strategies highlighted in the BUSCA Addendum are only achievable through cross-department collaboration and support. As such, campus stakeholders will be tasked with achieving sustainability goals laid forth in this plan. The CUES Assistant Director will serve as a resource to campus stakeholders for sustainability questions throughout the implementation process. CUES is available to assist in a myriad of ways including, but not limited to: being present at meetings, assisting in the development of action plans, and supporting the establishment of a process for tracking outcomes. The CUES will remain as involved as needed by the department and/or project manager as sustainability becomes operationalized at Butler.

The BUSCA Addendum was designed for directors to cascade specific strategies to staff experts in their department. CUES suggests utilizing the GPS system so that sustainability projects become integrated into the job description and review process. As sustainability goals are vast and incorporate aspects from across the university, achieving these goals require a united and collaborative team. CUES recognizes and values the commitment of the University community towards co-creating a sustainable Butler.

Strategies

The strategies outlined in the BUSCA Addendum are achievable in the short term, 1-2 years, before resubmitting AASHE STARS in fall 2021. By initiating the strategies below in the areas of sustainability education, certification, diversity, and IT, Butler can increase our STARS score by 23-30 points, awarding Butler the Silver Certification in 2022.

Preparing Butler for success in achieving its sustainability goals will require major financial inputs to operations in the short-term to receive long-term benefit, specifically in areas of building efficiency. In incorporating upgrades for energy monitoring now, the University can acquire a baseline of energy usage, informing educational and operational next steps for mitigation and utilize data in internships opportunities for students. Through energy reduction strategies, Butler will receive major cost savings in the long-term, setting the University up to evaluate ROI (return on investment) on building upgrades, and reach for STARS Gold when reapplying in 2024. Hence, the strategies must be started in the short term; however, Butler will see long-term benefits in STARS points, efficiency, and cost savings.

Strategies	Total cost	Areas Covered	Total ROI	# strategies	STARS
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1. Sustainability Education

To increase the awareness on campus, Butler must also increase the accessibility to sustainability for students, faculty, and staff. Through increased engagement via the CUES and partnerships across campus, sustainability will be incorporated into the hearts and minds of the Butler community. This short term but ongoing strategy requires \$35,000 annually and would propel Butler into the silver ranking. Through item 1.2 in particular, the CUES can increase organizational capacity through a Sustainability Leadership Program and provide 25+ campus based hands on research internships for students to assess strategies outlined in the BUSCA Addendum. There is opportunity to maximize ROI's from energy efficiency building upgrades to fund the Sustainability Leadership Program, providing a long-term funding option from campus sustainability efforts.

Short-term strategies and gains : \$110,000 annually (\$35,000 annually* & \$75,000 annually**)
STARS: up to 20 points

1.1 Butler will explore including sustainability as a core learning outcome through Core Curriculum classes The Social World and/or The Natural World and/or in the Social Justice and Diversity Requirement by 2021.

1.2 Butler will develop sustainability leadership student positions within the CUES to increase capacity for experiential sustainability projects including Eco-Reps, Fellows, Interns, and volunteers for roll-out fall 2020.*

1.3 The CUES will develop the CUE Farm Proposal and secure annual financial support for the CUE Farm to position Butler University as a leader in utilizing a campus farm for community engaged curricular and co-curricular learning.**

1.4 The CUES will increase the number of classes by 25% that incorporate CUES farm into curriculum.**

1.5 The CUES will develop a food minor with implementation beginning spring 2021.**

1.6 Butler will initiate a Green Cord graduation program for students who complete sustainability majors, minors, projects, internships, or fellowships.*

1.7 The Green Council, with support from CUES, will develop sustainability materials for incorporation into Welcome Week orientation.

1.7a Including, but not limited to, a 'Sustainable Living' at Butler guide geared toward students.

1.8 The Green Council, with support from CUES, will develop a sustainability literacy and sustainable culture assessment as defined by STARS to be piloted fall 2020.

1.9 The CUES will create a sustainability newsletter to be sent out quarterly starting fall 2019.

1.10 In May 2020, the Provost will implement a sustainability-themed faculty study abroad program with the goal of increasing sustainability themed and sustainability related classes.

1.11 The CUES will develop a faculty affiliates program with resources for faculty to incorporate sustainability into classes by 2021.*

1.12 With support from the Libraries, Butler will develop an Open Access requirement for all faculty publications to be accessed through a digital database.

1.13 CUES will develop sustainability materials to be presented in every new hire on-boarding by Fall 2019.

1.14 CUES will develop Green Office Program for staff to incorporate sustainability initiatives into the workplace by 2020.

1.15 CUES will facilitate a yearly STEP training for Butler staff starting Fall 2019.

2. Sustainability Certifications

Certifications allow Butler to become formally recognized for initiatives already underway, can attract incoming students, and improve Butler's recognition as a destination school. These certifications will occur in collaboration with departments across campus including BUBeWell, the Diversity Center, and SGA with the opportunity for grant funding for application fees.

Short-term strategies and gains: no cost
STARS: up to 3 points

2.1 Butler will become Bee Campus Certified.

2.1a A Bee Campus prioritizes habitat for pollinators on campus grounds, minimizes the use of harmful pesticides, and educates the campus community on the importance of pollinators in global food supply. Butler currently has a bee hive located on the CUE Farm as well as a student beekeeping group.

2.2 Butler will apply for Campus Pride Certification.

2.2a The Campus Pride index assesses universities LGBTQ+ inclusive policies, programs, and practices. Prospective students are able to search the index to locate safe, inclusive universities to peruse education.

2.3 Butler will become a Smoke Free Campus.

2.3a A smoke free campus does not permit any type of tobacco use nor any smoking device on university grounds. In addition to signage of new policy, HR and Healthy Horizons will support a smoking cessation program for faculty and staff.

3. Diversity

The Efroymson Diversity Center is undergoing restructuring and revisioning to strengthen and deepen diversity awareness and inclusion on Butler's campus. The Diversity Center is increasing staff and therefore programming. The Diversity Center aims to facilitate in person trainings in diversity and inclusion to all staff, faculty, and students through expansive education and awareness initiatives.

Short-term strategies and gains: no cost
STARS: up to 4 points

3.1 Support Efroymson Diversity Center in increasing awareness of diversity trainings and events on campus.

3.2 The CUES will collaborate with the Diversity Center to understand diversity requirements as outlined in AASHE STARS for optimal point generation in this area.

4. Food

As of May 2019, Butler University contracted with a new campus food provider, Bon Appetit. Bon Appetit's organizational mission is committed to sustainability and environmentally sound purchasing policies. The CUES will pursue opportunities for collaboration and partnership once Bon Appetit has solidified their presence at the Butler campus, providing support throughout the transition. The CUES and Bon Appetit will maintain ongoing meetings to incorporate sustainability initiatives into dining, while setting goals for sustainable dining at Butler.

Short-term strategies and gains: \$12,000 annually
STARS: up to 6 points

4.1 Develop and solidify partnership between Bon Appetit and CUES farm including selling produce to be served in dining halls.

4.2 Bon Appetit will initiate a kitchen food and waste tracking system that coincides with STARS data request.

4.3 By 2020, 20% of food served on campus will be sustainably or ethically produced.

4.4 The Food Recovery Network (FRN) at Butler will certify all sit down food locations on campus with the support of FRN main headquarters by summer 2020.

4.5 Butler will remain a Fair Trade University and commit to the requirements for membership.

4.6 Explore funding sources outside of grant writing for CUE Farm security.

4.7 Bon Appetit, with the support of Butler, will train dining staff on composting procedure to ensure non-contamination and accurate weights of diverted materials.

4.8 Butler, in partnership with Bon Appetit will assess the need for increasing the number of composting locations on campus and/or the feasibility of post-consumer bins at ResCo.

5. IT

IT plays an integral role in individual and university wide sustainability success. Our technology can be utilized more efficiently to minimize energy usage in production and daily use. Minimal changes can reduce our overall GHG emissions and is a smart strategy to combat climate change.

Short-term strategies and gains: no cost
STARS: up to 1 point

5.1 As of 2020, selection preference will be given to EPEAT certified devices for all new technology purchased by the University.

5.2 Via rollout, all campus computers will be set to automatic sleep mode after **15 minutes of** non-use by end of fiscal year 2020.

5.3 All campus computers will be set to double sided printing as the default by end of fiscal year 2021. This is already true on public printers, but with new technology, all remaining printers will be set to double sided.

6. Land Use

Sustainable land use considers the effects humans have on the local environment. Butler being situated within the natural landscape provides a key research opportunity for students to understand the interaction between people and place. In capitalizing on the campus proximity to green space, Butler should sustainably engage with natural areas and adjust current practices toward those of stewardship.

Short-term strategies and gains: no cost
STARS: up to 2 points

- 6.1 Butler will develop plan and timeline for 20% of campus grounds be low maintenance plants and/or native plants.
- 6.2 Butler will develop an Integrated Pest Management (IPM) plan by end of 2020.
 - 6.2.a Butler will commit and publish a 'no pesticide policy' within the IPM with an exemption for necessity, i.e. after no organic methods have been successful the plant will die without use of non-organic measures.
- 6.3 Butler will identify the usage of de-icing materials on campus including amount per season, specific chemical(s) composition, and potential risk to the environment.
 - 6.3.a This data will be utilized to make reduction commitments in 2021 BUSCA.
- 6.4 Map all rain gardens on Butler's campus and assess need and location(s) for additional gardens/bioswales.
- 6.5 CUES to assess and identify sensitive habitats on campus and within Butler owned property including suggestions for maintaining habitat health by 2021.

7. GHG (green house gases)

To achieve climate neutrality by 2050, Butler will need to accurately assess current GHG emissions to include all new buildings and building upgrades since the previous 2017 GHG emissions calculation, and begin to encompass more scope 3 emissions data. From these findings, Butler can update recommendations to reduce energy consumption from the built environment in future sustainability plans. Building upgrades and energy efficiency will have an increased upfront cost, but also has the best opportunity for monetary ROI and reduction in consumption. Developing this infrastructure now will support Butler's achievement of STARS Gold in 2024 through behavior change and energy reduction strategies.

Short-term strategies, long-term STARS points gain in 2024 : \$1M+, cost analysis in progress
 STARS: up to 22 points

- 7.1: Butler will complete an audit of Scope 1, 2, & 3 GHG emissions for 2020.
 - 7.1a Scope 1 & 2 GHG emissions will be evaluated to include: new buildings acquired and built, point source emissions, and all upgrades made to buildings post 2017 GHG data collection.
 - 7.1b Scope 3 emissions will be evaluated to include: commuting, financed outsourced travel, study abroad, conference travel, athletics travel, solid waste incineration, and paper consumed.
 - 7.1.1 A transportation survey must be completed in order to accurately capture this data. (see 12.2)
- 7.2 Butler will identify an independent reviewer of GHG emissions prior to reporting to STARS in 2021.
- 7.3 Butler will update 2020 GHG emissions to the Presidents Carbon Commitment (formally ACUPCC) public database.
- 7.4 Butler will develop an outdoor air quality standard and/or goal for human and environmental safety by 2021.
- 7.5 All major campus infrastructure will be metered at the building level and integrated into a BAS for all utilities as applicable, by 2025.
 - 7.5a Through this data, Butler will set reduction goals to be outlined in the 2022 BUSCA Addendum.
- 7.6 Butler Operations will develop acceptable heating and cooling temperature setpoints and utilize BAS to maintain temperature standards across integrated zones at buildings on campus.
 - 7.6a Butler will also identify costs associated with smart thermostat technology and when to best install for maximum efficiency.
- 7.7 Develop a timeline of retro-commissioning appropriate campus facilities for lighting control and HVAC controls optimization.
 - 7.7a Timeline to include: LED lights, occupancy sensors, HVAC efficiency
- 7.8 Butler will identify essential and non-essential buildings on campus. For energy reduction, non-essential buildings will have applicable HVAC systems enter an appropriate unoccupied cycle, with controls optimization sequences implemented as needed.
- 7.9 Develop feasibility study with potential partners for solar panel project on parking garage.
- 7.10 Update the Butler Way for construction and renovation to include the following aspects: water, energy, landscaping, low flow fixtures, hand dryers, and LEED standards (paint, carpet)
- 7.11 CUES will initiate and participate in the development of a local offset program with city and/or local community organization.

8. Waste Reduction

Reducing waste is a top sustainability priority. We are familiar with the reduce, reuse, repair, recycle phase and often consider reduce the least, while it is the most impactful strategy. Focusing on waste reduction, Butler can mitigate negative environmental impacts while saving university dollars.

Short-term strategies, long-term STARS points gain in 2024: No cost
STARS: up to 6 points

- 8.1 Increase campus engagement in RecycleMania with outreach and events in 2020 and 2021.
- 8.2 Butler will assess current locations of recycling and landfill bins, identify insufficiencies for additional bins to be provided.
 - 9.2.a A spreadsheet will be developed of where all indoor recycle and landfill bins are currently placed.
- 8.3 Pilot a recycle/landfill stations for floors, departments, and/or offices based on department size and layout of offices by end of spring 2020.
- 8.4 Butler Operations will develop and publish a bagless standard for all indoor recycling bins.
- 8.5 By end of spring 2020, Butler will have a bin standard for all landfill and recycling stations and bins to be purchased across campus. This will ease confusion from users on how to properly dispose on waste items.
- 8.6 Butler will hold a highly visible Zero Waste sporting event with Athletics.
- 8.7 Butler students will conduct a highly visible waste audit once a semester beginning Fall 2019.
- 8.8 Butler will develop university wide move out donation program.
- 8.9 Butler will reduce paper usage by 15% by 2021.
 - 8.9a Butler will reduce the print allotment provided to students.
- 8.10 Butler will give \$.01 discount for printing double sided rather than 2 sheets of paper.

9. Purchasing

Universities hold massive purchasing power and should commit to sourcing sustainable products in equitable ways. The University must consider the entire process of product creation, from factory, labor, shipping, and end of life product disposal. In examining the products Butler uses, we can identify sustainable alternatives while ensuring quality and cost effectiveness.

Short-term strategies, long-term STARS points gain in 2024: \$3,000-\$4,500 annually (to be budgeted by Athletic Marketing & Licensing)*
STARS: up to 6 points

- 9.1 Butler will conduct a procurement audit for all products currently purchased by the University each year for the past 5-7 year by end of spring 2020.
 - 9.1a The procurement audit will comprise of: company, total cost on item per year, number of item, individual item cost, and anticipated length of functionality. This data will be utilized in the life cycle cost analysis in 9.2 and sustainable procurement guidelines in 9.3.
- 9.2 Butler will develop life cycle cost analysis for assessing products for longevity and sustainability. This framework will be utilized to analyze current purchasing by end of Fall 2020.
- 9.3 Butler will establish sustainable procurement guidelines utilizing the audit and life cycle cost analysis by 2021.
 - 9.3a Sustainable procurement areas of interest: Supplier diversity, priority to minority and women owned business, priority to local business.
- 9.4 Butler University will become Fair Labor Association certified and/or Workers Rights Consortium certified by end of spring 2020.*
 - 9.4a The Fair Labor Association (FLA) will collaborate with current vendors to assist in certification at no additional cost for the University other than membership. If vendors do not wish to become FLA certified, Butler can choose to end purchasing contract(s) and use alternative FLA vendors for a similar product. Of Butler's 191 current licensed vendors, 77% are currently FLA members at B, C, or D levels.
- 9.5 Butler shall establish a mandate that University funds are not to be utilized to purchase single use water bottles.
 - 10.5.a Bon Appetit to provide water service with reusable/compostable cups for events.
- 9.6 Butler will develop a policy to purchase electric and/or alternative fuel vehicles for new campus fleet vehicles by 2021.
- 9.7 All appliances purchased by Butler will be Energy Star Certified, EPEAT registered, or equivalent by end of 2021.

10. Investment

As universities continue to divest from fossil fuels, Butler must also consider sustainable investments to ensure a healthy and prosperous future for generations of students to come. A plethora of profitable green business exist to expand Butler's endowment, maintain innovation, and propel notoriety as a college of choice.

Short-term strategies, long-term STARS points gain in 2024: no cost
STARS: up to 4 points

10.1 Butler will create Committee on Investor Responsibility, (CIR) to include faculty, staff, and student(s) that advises on Butler's investment portfolio.

10.2 By 2022, 10 % of Butler's investments will contain sustainable holdings.

10.3 Butler will make a yearly snapshot of investment holdings available to the public.

11. Transportation

While Butler is a predominately residential college, students, faculty, and staff are driving to campus daily. Butler students are also heavily involved in the community and utilize personal vehicles to engage in activities off campus. A transportation analysis has yet to be conducted to accurately comprehend the multitude of ways individuals are traveling to and from Butler. In understanding what modes of transportation are being used, Butler is better situated to adapt to serve the needs of the campus community.

Short-term strategies, long-term STARS points gain in 2024: \$100
STARS: up to 8 points

11.1 The University will develop and publish a no idling policy by 2021.

11.2 Butler will administer an in depth transportation survey and data collection for students, staff and faculty driving habits.
12.2.a From this baseline, recommendations for sustainable transportation initiatives to be added to 2021 plan.

11.3 Butler will develop a phone app for rideshare to be piloted by staff and faculty Fall 2021.

11.4 Butler will make public a bike safety plan with guidance from BUPD by 2021.

11.5 Butler will become a Bike Friendly University (BFU) by 2022.

11.5a The BFU application requires Butler to assess sustainable transportation, bike infrastructure, and support for bike culture at the University. A BFU prioritizes areas of engineering, evaluation, enforcement, education, and encouragement for cyclists. BFU utilizes a rating system with levels based on current bike progress and supports universities in taking manageable next steps to increase bike support. Strategies listed within transportation will assist Butler in receiving a high BFU rating.

11.6 Butler will develop a website for sustainable transportation to campus and nearby community.

12. Water

Water conservation is an essential component of any sustainability plan, especially as waterways traverse through the Butler built environment to the city of Indianapolis. Butler must consider itself a steward of our shared water through minimizing pollution and creating systems for reusing captured rainwater to minimize water waste.

Short-term strategies, long-term STARS points gain in 2024: potential cost, research needed
STARS: up to 3 points

12.1 Butler will pilot a rainwater catchment and/or greywater system (potential location at HRC).

12.2 All major campus infrastructure will be metered at the building level for all utilities as applicable, by 2025.

12.3 Mandate and/or add into the Butler Way for construction and renovation that all new buildings have hydration station(s) rather than traditional water fountains and all renovations to include hydration station in place of traditional water fountains.

12.4 Butler will develop cost guide for retrofits of traditional water fountains to hydration station by 2021.
12.4a Create avenue for Green Council request for funds for retrofit.