

2014 St. Louis Green Business Challenge Leaders Scorecard

Company Name: Saint Louis University	
Address of Site Location: 1 North Grand Boulevard, Saint Louis, MO 63103	
Number of Employees at Site Location: 5,292 Faculty & Staff, 11,919 Students (Measured in FTEs)	
Square Feet of Office Space at Site Location: Office Space = 600K sq ft & GSF = 7.6 million sq ft	
Primary Green Business Challenge Contact (Name, Title, Email below):	
Brandon Verhoff, Director of Sustainability & Benchmarking, bverhof1@slu.edu	
Secondary Green Business Challenge Contact (Name, Title, Email below):	
Amy Hargis, Sustainability Coordinator - Graduate Assistant, hargisa@slu.edu	
Owner or Tenant*:	Owner Note: Owners can adjust their workspace and property without property manager engagement



Challenge Scorecard:	Baseline Score (due March 31)	158.5	Final Score (due November 17)	307.5
-----------------------------	--------------------------------------	--------------	--------------------------------------	--------------

Category	Scoring Summary	Baseline	Final
	Outreach	35	65
	Energy	42	51
	Indoor Environmental Quality	18	24
	Waste	39.5	48.5
	Water	13	20
	Transportation	11	21
	High Performance Building		70
	Biodiversity		8

Subject to review by Challenge staff, extra credit points are available for:

Case Study of this year's accomplishments and innovations (template provided) - 3 pts

Innovations - Submit claims as attachment to final scorecard - 15 possible points

Exemplary internal measure in pilot phase = 1 point

Fully implemented exemplary measure having internal (within company) impact = 2 points

Pilot project with external benefits (beyond company operations) = 2 points

Fully implemented exemplary measure across the company with conservation and education ramifications beyond company operations = 3 points

Innovation point claims may be for exemplary performance in a scorecard measure or for sustainability efforts unique to your business.

Visit www.stlouisgreenchallenge.com for scorecard resources

Total Points	158.5	307.5
---------------------	-------	-------

OUTREACH

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
GREEN TEAM STAFFING					
O1.1	Green Team Organization: Does your company have a "Green Team," which is responsible for managing sustainability initiatives at this site (1pt)? Does your green team represent three or more departments in your company or organization? (1pt) Does your Green Team meet at least quarterly (1pt)? Is there an individual whose written job duties include responsibility for sustainability initiatives in your business (1pt)?	4	4	4	<p>"The Center for Sustainability and Facilities Services have established a partnership that has cooperatively lead the charge for sustainability initiatives on campus. This Green Team, which meets on a regular basis, organized a task force that developed the framework for the new, university-wide Sustainability Advisory Council. The SAC is co-chaired by Kathleen Brady, Vice President for Facilities Services and Chief Sustainability Officer, and John Woolschlager, Director of the Center for Sustainability. Made up of numerous stakeholders, including staff, faculty and student representatives, the SAC meets quarterly and is charged with coordinating activities and prioritizing efforts to help shape sustainability at SLU."</p> <p>Additionally, Facilities Services has developed a Sustainability & Benchmarking department to spearhead all sustainability initiatives within the division. The department's director is responsible for Facilities Services has a LEED-AP architect on staff.</p>
O1.2	Certified Staff: Does your company have a BOC, LEED-GA or LEED-AP accredited person on staff or on contract to assist with sustainability, or other sustainability-specific training or skill sets? If accredited by another national system, please specify.	1	1	1	<p>The president emeritus signed a letter of affirmation in support of SLU's sustainability efforts. The letter was submitted to the Association for the Advancement of Sustainability in Higher Education (AASHE) as part of SLU's Sustainability Tracking Assessment and Reporting System (STARS) project. The letter and our full sustainability report is available at: https://stars.aashe.org/institutions/saint-louis-university-mo/report/2011-10-09/</p>
O1.3	Level of Commitment: Has your company's CEO provided written support for the company sustainability efforts (1pt)? Are budget resources dedicated to support sustainability efforts (2pts)?	3	3	3	<p>The Center for Sustainability has dedicated funding for sustainability efforts across campus. This money comes from our seed grant from the Alberici Foundation and a generous donation from Banpu. The Center has dedicated funds that go to supporting sustainability research, community engagement, and academic development.</p> <p>Additionally, Facilities Services' strategic plan incorporates sustainability into its initiative, Environmental Resource Optimization. The division also provides resources to fund sustainability initiatives.</p>

INTERNAL COMMUNICATION

OUTREACH

<p>O2.1 Sustainability Guidelines: Has your Green Team written a set of sustainability guidelines for the company and distributed it to all employees or made it accessible on the company's internal website? (2pts) Share your sustainability policy with other Challenge companies (2pts)</p>	4	4	4	<p>The Center for Sustainability previously delivered a presentation at the Green Business Challenge monthly meeting to share our sustainability strategy, policies, and approach with fellow challenge members. We have shared our AASHE STARS report, which is the roadmap for sustainability at the university. The STARS report is available online at https://stars.aashe.org/institutions/saint-louis-university-mo/report/2011-10-09/ and through the RCGA Green Business Challenge website.</p> <p>Additionally, Facilities Services prioritizes sustainability within the division's strategic plan, which can be reviewed online at http://www.slu.edu/facilities-services-home/about-us/strategic-planning</p>
<p>O2.2 Company-wide Adoption: Is your company implementing sustainability strategies across all locations in the St. Louis region or nationally? (2pts each) If one location, a yes answer is worth 2 points</p>	4	4	4	<p>Yes, our sustainability strategy applies to all of our locations throughout Missouri. We have also reached out to our campus in Madrid to begin the conversation about implementing sustainability initiatives and academic programs there based on the model we have built in St. Louis. Furthermore, we publically share our sustainability strategy and approach with all institutions of higher education through our participation in AASHE STARS.</p>
<p>O2.3 Measurement: Do you have ongoing measurement of your sustainability strategies? (1pt) Do you update your staff on the progress of these metrics?(1pt) Briefly describe and share your metric gathering data (2pts).</p>	4	4	4	<p>The Center for Sustainability grant requires SLU to update its sustainability strategies against defined goals and submit them to the office of research services and the board. Data is made available on the website and disseminated via e-mail blasts as appropriate. The Sustainability Advisory Council helps to structure our communication efforts and provides an official forum for campus wide dissemination of sustainability-related initiatives and opportunities.</p> <p>SLU uses AASHE's STARS as a framework for comprehensive sustainability measurement. In fact, the STARS framework is being utilized to measure sustainability for the purposes of the University's strategic plan. The university-wide Sustainability Advisory Council has designated a STARS action team to assess planning and communicate progress on sustainability initiative measurement and progress.</p> <p>Additionally, Facilities Services utilizes a sustainability dashboard to report certain metrics to the Board of Trustees.</p>

OUTREACH

<p>O2.4 Educational Sessions: In 2014, Did your company hold educational sessions on green practices for all company employees (1pt)? Provide an example of an educational session (2pts)</p>		3	3	<p>The Department of Sustainability and Benchmarking presents at monthly new employee orientations to educate incoming faculty and staff about sustainability. The department also has Custodial refresh presentations to ensure new custodial staff are aware of recycling standards at the university. Additionally, the department has presented to the employees of the university's food service provider to educate this group about alternative transportation and waste minimization efforts. Students at the university are frequently engaged by the Sustainability Department at tabling sessions throughout the year.</p>
<p>O2.5 Recognition: Did your company recognize your sustainability accomplishments in 2014 (1pt)? Provide an example of the recognition event or communication (2pts).</p>		3	3	<p>Yes, the sustainability accomplishments of the university are recognized throughout the year through press releases and newlink articles available to all members of the university. An annual sustainability report is also available to the campus community that highlights sustainability accomplishments throughout the year.</p> <p>Additionally, the Department of Sustainability and Benchmarking has presented sustainability accomplishments to the Sustainability Advisory Council and to the Buildings and Grounds subcommittee of the university's Board of Trustees.</p>

EXTERNAL COMMUNICATION

				<p>Facilities Services website specifies the operational aim with regards to sustainability and also outlines the sustainable strategies being used: www.greenbilliken.slu.edu</p>
<p>O3.1 Corporate Policy: Have you posted your company's approved Sustainability policy, message or strategy on your website? (1pt)</p>	1	1	1	<p>Facilities Services website houses a section on the sustainable practices and procedures that have been implemented and will continue to be utilized on campus.</p> <p>The Center for Sustainability houses approved sustainability messaging related to the University's academic, research, and outreach aims. www.sustainability.slu.edu</p>

OUTREACH

<p>O3.2 Information Sharing: In 2014 did you host an educational session or webinar for Challenge participants (2pts)? Did you share green learning opportunities with other companies outside of the Challenge meetings in 2014 (2pts)?</p>		2	4	<p>The Center for Sustainability is active in the regional and national community. We frequently recognize the RCGA Green Business Challenge and encourage other institutions to get involved. In this year's challenge we actively spread the message through events on campus such as the SLUustainability EXPO. The Center also makes every effort to promote St. Louis Chamber sustainability events through direct e-mail marketing campaigns to our students and posts on our website. For example, this year we helped spread the word about the Green Business Challenge Expo and encouraged staff and faculty to attend. Additionally, the Center for Sustainability also participated as a vendor at the GBC Expo.</p> <p>In 2014, we promoted sustainability efforts at Saint Louis University and highlighted sustainability education and outreach efforts that impact the broader community, such as Conversation on Climate Change and a Green Game event at a men's basketball game in Chaifetz Arena to promote recycling.</p>
<p>O3.3 Recruitment: Did your company recruit another company, educational institution, local municipality, or organization to participate in the 2014 St. Louis Green Business Challenge? (3pts per recruited company). Did you bring a new company to a 2014 Challenge meeting (1 pt per company)</p>		0	9	<p>The Center actively recruited numerous insitutions through broad public recognition of the RCGA Green Business Challenge at conferences, presentations, and through media spots and press releases. However, none are specifically identified.</p> <p>01. More than 4,000 students, faculty, staff, alumni, parents and community members took part in the 2014 Saint Louis University Make A Difference Day on Oct. 25. With more than 170 teams traveling to more than 160 sites, this year's event was the largest in University history. This year's event took place at the end of SLUustainability Week and was advertised along with the week's sustainability events.</p>
<p>O3.4 Community Engagement: In 2014, did your company financially sponsor community sustainability or environmental initiatives? (2pts) Did your company provide employee volunteers for these initiatives? (2pts) Did your company provide in-kind support for these initiatives? (2pts) Briefly describe examples of financial, volunteer, or in-kind sponsorship.</p>		4	6	<p>02. The Center for Sustainability participated in the 25th annual St. Louis Earth Day Festival held in Forest Park. As a sponsor of the event, the Center maintained a booth where faculty and staff promoted the Center's graduate programs.</p> <p>The Center was a presenting sponsor of the St. Louis Earth Day Symposium. The Center moderated a panel discussion, in which participants learned how communities prepare efficient and effective plans in the face of environmental threats.</p>

PURCHASING POLICIES

OUTREACH

O4.1 Green Products: Have you implemented a green purchasing policy to procure green products where feasible and circulated the policy to all employees (1pt)? Please share this policy (2pts)	3	3	3	<p>Computer Products: SLU has established standards through CDWG to ensure that all computers and monitors are EPEAT gold or silver. The Electronic Product Environmental Assessment Tool, or EPEAT, is an on-line tool designed to help institutional purchasers select and compare computer desktops, laptops and monitors based on their environmental attributes. At SLU, technology purchases are routed to Information Technology Services (ITS) prior to execution of any computer desktop, laptop, or monitor purchase in order to ensure that EPEAT standards are observed.</p> <p>Green Cleaning Products: A very limited number of SLU staff members are authorized to purchase cleaning chemicals and these individuals are aware of the University's preference for green chemicals. Our contract specifies green chemicals and associated pricing. These chemicals were selected based on efficacy and our goal to be as green as possible.</p>
O4.2 Vendors: Do you require vendors to conform to your sustainability strategies? (2pts) Please share your efforts in working with vendors (2pts). Do you have policy that gives preference for local vendors (2pts)?	6	6	6	<p>SLU's green cleaning policy is available at: http://www.slu.edu/facilities-services-home/sustainability/campus-operations/purchasing</p> <p>Through the AASHE STARS reporting framework, Facilities Services has begun the conversation with vendors to express the importance of sustainability and the expectation of collaboration on strategies. Vendors are being asked to track and report on sustainability metrics that were not previously addressed. Additionally, vendors are asked to come in and educate the university community on their sustainable practices at Facilities Services' monthly Environmental Awareness Seminars.</p> <p>Additionally, Facilities Services partnered with Business Services and Student Development to ensure that sustainability strategies were included in the food service contract that went out to bid and was filled by Aramark. Sodexo at Chaifetz Arena has been asked to</p> <p>Facilities Services has expressed the intention of moving toward the use of more sustainable practices to key vendors along the supply chain.</p>
O4.3 Supply Chain: Have you notified your supply chain of your sustainability strategies? (2pts) Please share this policy (2pts).	3	3	4	<p>Additionally, Facilities Services has partnered with Business Services and Student Development to ensure that sustainability strategies were included in the food service contract that has been established with Aramark.</p>

GREEN EVENTS AND MEETINGS

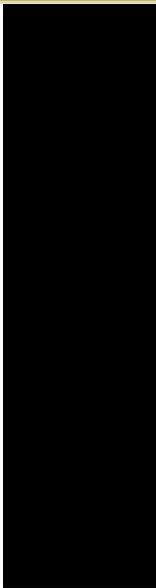
OUTREACH

O5.1	Internal Meetings: Does your company follow a green events checklist, based on your company's sustainability policies, for its internal meetings?	0	2	2	The Facilities Services Vice President suite uses only reusable and recyclable items at all internal meetings, based on recommendations provided by the Department of Sustainability and Benchmarking. The Center for Sustainability follows similar practices within their office. Event Services has contacted Sustainability & Benchmarking on several occasions to learn about hosting zero waste events. While no formal policy is in place for internal meetings, an informal zero waste checklist has been used by Sustainability & Benchmarking to provide resources to any department wanting to green their meetings and events.
O5.2	Community Conferences: Does your company influence or implement green events guidelines for national and regional meeting which your company hosts or sponsors? Provide examples of conference and their size.	0	0	5	Not at this time.

PARTNERSHIPS

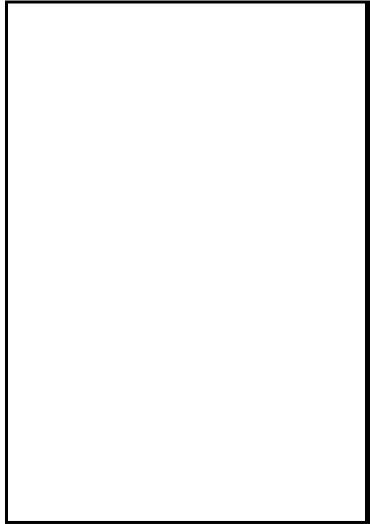
O6.1	Property Engagement: In 2014, did you engage your property manager or building owner on your company's sustainability initiatives? (1pt) Provide an example (2pts). Did you bring your Property Manager to a 2014 Challenge meeting or seminar? (2pts)		5	5	<p>There is no external property manager for SLU, however we do collaborate with facilities managers on sustainability initiatives. The Center for Sustainability worked closely with key personnel in Facilities Services to complete the AASHE STARS report. During this past year, key Facilities Services personnel have been added to the SLU Green Team and have attended numerous RCGA seminars. Information gleaned from the seminars is then communicated to the VP of Facilities Services during bi-weekly sustainability meetings and to the Sustainability Advisory Council in quarterly meetings.</p> <p>Additionally, the Building and Grounds subcommittee of the Board of Trustees was presented with the Sustainability Dashboard, which includes sustainability initiatives at the University. The SLU community has open access to the annual sustainability report, which was also directly presented to the president. The president was also presented with a letter from the Sustainability Advisory Council. The letter recognized prior initiatives and was in support of further commitment and investment in sustainability at SLU.</p>
------	---	--	---	---	--

OUTREACH

<p>O6.2 Building activities: In 2014, did you engage with fellow tenants in building-wide sustainability activities (2pts)? Share an example (2pts)</p>		4	4	<p>A couple of specific examples include: SLU's Adopt-a-Spot engaged the campus community to participate in increasing the waste diversion rate on campus. This program asked participants to help in educating the community on single-stream recycling. Also, SLU participates annually in the national RecycleMania contest to increase awareness around recycling and waste reduction strategies. http://www.slu.edu/facilities-services-home/slustainability/campus-operations/recycling-and-waste-reduction/recycling/recyclemania</p> <p>Additionally, the planning of the SLUustainability Expo was a collective effort between many departments on campus, including: Facilities Services, Admissions, Center for Sustainability, Business Services, Center for Service and Community Engagement, DineSLU, Corporate and Foundation Relations, and Nutrition and Dietetics.</p>
<p>O6.3 Clean Air Partnership: Does your company have a Clean Air Coordinator with the St. Louis Clean Air Partnership? (1pt) Do you post the Ozone Alert day signs or distribute the information to your employees? (2pts) Share examples of communicating clean air tips to employees (3pts).</p>		0	3	6

OUTREACH

<p>O6.4 Purchasing Alliances: Have you joined with other companies to cooperatively purchase sustainable products such as: recycled paper, green catering or green cleaning supplies? Provide examples.</p>	2	2	2	<p>Food Purchasing/Catering: Aramark, SLU's new food service provider, is committed to fostering new connections from field to fork and changing the culture of food by nourishing guests with menus that emphasize fresh, whole foods that are raised, grown, harvested and produced locally and/or sustainably wherever possible, and prepared in ways that respect and maintain quality, freshness and pureness. With Aramark being new to Saint Louis University, they are diligently working and developing partnerships with local suppliers. Aramark's goal is to identify the local suppliers and building awareness. As a professional food service provider, Aramark has the responsibility to provide and protect the students with safe and wholesome products.</p> <p>Catering prints solely using scrap paper and utilizes recycling for all paper and plastic materials. Aramark catering offers china/glassware/cutlery for catering events at no charge, and encourage guests to not use disposable materials. Additionally, during events the staff uses recycling bins for all recyclable materials instead of throwing the items in the landfill container.</p> <p>Green Cleaning Supplies: A very limited number of SLU staff members are authorized to purchase cleaning chemicals and these individuals are aware of the University's preference for green chemicals. Our contract specifies green chemicals and associated pricing. These chemicals were selected based on efficacy and our goal to be as green as possible.</p>	
<p>O6.5 Informal Mentoring: In 2014, did you meet with another Challenge participant to discuss sustainability strategies? (1pt) Provide documentation of up to three meetings or discussions (3pts).</p>	[REDACTED]	4	4	<p>Facilities Services met with Waste Management to discuss ways to increase awareness for exterior recycling on campus through improved signage. Facilities Services' Energy and Utilities Strategies Action Team met with Ameren's PurePower to discuss purchasing renewable energy credits. We have also met with Enterprise Holding to discuss carsharing options as a means of alternative transportation for the university. All three of these companies were invited, and attended, the SLU Sustainability Expo on October 22.</p>	
<p>OUTREACH TOTAL</p>		35	65	87	



ENERGY

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
ENERGY USE					
E1.1	Tracking: Have you calculated your average energy use at this site (electricity and natural gas) over the last 12 months? Share your energy audit information.	2	2	2	Monthly utility consumption is tracked for each building and is compiled for analysis and reporting purposes. Using this method allows for the analysis of a particular building's consumption and/or overall campus usage. Energy usage analyses were conducted for select locations on a project by project basis (e.g. garage retrofit initiative) to serve as the benchmark for sustainability improvement reporting. Our internal fiscal year dashboard tracks utility consumption (BTU) and GSF. FY14 average energy use was 114,615 BTU/GSF.
E1.2	Reduction Planning: Have you established an energy reduction goal of at least 10% of your annual energy usage at this site for 2014? (1pt) Submit achievement of 10% reduction goal (3pts).	0	0	4	SLU established an 20% reduction in Energy Intensity (BTU/GSF) by 2020, from our 2013 baseline. In FY14, SLU achieved a reduction of 7%.
E1.3	Carbon Footprint: Did you calculate a carbon footprint/greenhouse gas baseline for your company (3pts)? Please describe which carbon calculator that you used and please evaluate its ease of use (3pts).	0	6	6	We are currently in process to finalize a greenhouse gas inventory using CarbonMAP. This assessment will be completed in December and including in our AASHE STARS report in February.
E1.4	HVAC Strategies: Have you developed strategies to increase the efficiency of your heating, cooling, and ventilation system (3pts). Please share how you implemented your strategies (3pts for each, up to 2 strategies)	9	9	9	To improve the energy efficiency of its buildings, Saint Louis University has performed nighttime temperature setbacks and installed a new computer controlled boiler burner assembly. The university has also audited its steam traps and installed energy-efficient rooftop units. SLU uses plate exchangers for free cooling and leverages daylight harvesting. CO2 sensors have been installed on HVAC equipment. Additionally, Facilities Energy & Utilities Action Team has initiated a plan for campus energy audits.
E1.5	Retro-commissioning: Have you retro-commissioned your HVAC systems? Please describe the equipment retrocommissioned.	5	5	5	Both, Morrissey & Allied Health, have had all of their mechanical systems upgraded in the whole building. Additional buildings (i.e. Doisy Research Center, Chaifetz Arena and Simon Recreation Center) are slated to have retrocommissioning done within the next few months.

LIGHTING

ENERGY

E2.1	Lighting Audit: Have you conducted a lighting audit for this site? (2pts) Have you implemented at least one of the energy-reducing recommendations from the audit (2pts)? Has lighting energy usage been reduced by 10%? (3pts)	7	7	7	<p>Young Hall Auditorium LED retrofit from old auditorium lights. Estimated energy savings of 37,370 kwh/year and a cost savings of \$2,997 per year.</p> <p>There has been a lighting audit and retrofitted several locations on campus (Ex. Tegeler Hall - Carlo Auditorium, Sinquefeld Room - DuBourg Hall).</p> <p>LED retrofits were performed in Tegeler Hall - Carlo Auditorium and DuBoug Hall's Singuefeld Room. These two projects produced a total wattage reduction of 17,095. Time clock change to astronomical clocks has a total wattage reduction of 270,047 watts and approx. \$6,000 year in savings.</p> <p>LED lighting is used in wall mounted exterior lights, chandeliers, private offices, banquet rooms, track lighting, and parking lots. The conversion to LED technology in Busch Student Center alone has reduced energy usage from 44,136 watts to 5,526 watts. Large multipurpose banquet rooms and common areas were primary targets for LED retrofits. The result was an estimated energy savings of \$13,000 per year.</p>
E2.2	Eliminate Incandescents: Do you have a program to replace incandescent lights with compact fluorescent light bulbs? (1pt) What percentage of your incandescent lights have been replaced to CFL or LED lights? (10% to 25% = 1pt, 26-50% = 2pts 51-100% = 3pts)	3	3	4	<p>See E2.1 Plus, we are systematically replacing incandescents where there is the opportunity on campus.</p>
E2.3	Lighting Sensors: Does your company have individual area controls for lighting at this site? (1pt) Have you installed sensors to turn off lights in commonly used areas (office spaces, kitchens, restrooms etc.) office when vacated (<50%, 1pt: 50-100%= 2 pts)? Have you installed daylight sensors to turn off or dim lights when there is enough daylight available? (1pt)	4	4	4	<p>Individual classroom and most office spaces have multiple scene lighting and sensor shut off. Common areas, hallways, and restrooms have sensors and day lit areas have timers set to reduce daytime lighting. Doisy Research Center complies with all of the requirements of this credit</p>
E2.4	Exit Lights: Do all your exit lights at this site use energy efficient lighting? (2pts) If office does not have exit lights, answer yes	2	2	2	<p>Yes</p>

ENERGY

E2.5 **Daylighting:** Establish a policy to adjust lighting levels to take advantage of daylighting? (1pt)
Please share your policy with us (2pts). 1 2 3

In 2014, Facilities Services installed new LED fixtures with daylight harvesting sensors in Reinhart Dining Hall. Daylight harvesters automatically adjust light intensity in the area based on the amount of sunlight entering space keeping a consistent amount of light in the area.

There is no specific adopted policy but the practice of daylighting has been practiced through sensors that reduce daytime lighting in daylight areas. Additionally, the Center for Global Citizen was renovated to take advantage of natural lighting and reduce the number of lights that are used throughout the day. Each parking garage also uses daylight harvesting to dim lights when not needed.

OFFICE EQUIPMENT

E3.1 **Equipment Audit:** Have you created a list of all your office appliances/equipment at this site and recorded their usage and energy consumption? 2 2 2

The Dept. of Business and Finance recently had a company come in to audit all printing equipment on campus to determine ways to increase efficiency. Managed Print Services has been implemented to optimize copying and printing on campus.

E3.2 **Equipment Policy:** Do you have a policy in place requiring all new equipment to meet ENERGY STAR rating standards? 2 2 2

Saint Louis University only purchases Energy Star appliances and Energy Star computers.

E3.3 **Computers:** Have you changed the settings on all office computers at this site to go into sleep mode after a set time of non-use or discontinued the use of screen savers (1pt)? Have you implemented a "Computer Shut Off" education campaign to encourage employees to turn off their computer when leaving the workplace (1pt)? 2 2 2

By default, all office computers follow the "SLU power management" profile, which shuts down monitors and hard disks after 1 hour.

E3.4 **Copiers:** Have you reduced copier/printer power consumption by using Stand By mode after 15 minutes of non-use? 2 2 2

All copiers/printers utilize stand-by mode. Additionally, the new Managed Print Services plan has centralized printing and copying areas to reduce the number of machines available, further reducing energy consumption.

E3.5 **Vending Machines:** Do you have ENERGY STAR vending machines or installed a device that reduces the energy your vending machine uses? (1pt) If company does not have vending machines, you may take 1pt. 1 1 1

Vending misers have been installed in all vending areas.

E3.6 **Eliminate Workstation Appliances:** Do you have a policy in place that eliminates any fans (1pt) or heaters (1pt) from individual workstations? 0 0 2

Not currently.

RENEWABLE ENERGY

E4.1 **Onsite Renewables:** Do you use renewable energy onsite? (1pt up to 2% of total energy usage, 2pts 2-5%, 3pts for 5+%) 0 0 3

Not currently, but steps are being taken to make this a reality. Solar panels installation was explored in 2013 and is still being considered. Wind energy is currently being tested on two locations on campus to determine the viability of this type of installation.

ENERGY

E4.2	Renewable Energy Credits: Have you purchased CO2 offsets or renewable energy credits for 2% - 10% (1pt) or 11-20% (2pts) 21+% (3pts) of your office's electricity usage? Do your REC's support Missouri-based renewable energy through Ameren Pure Power? (1pt)	0	0	4	Not currently. However, creation of a program engaging students in Pure Power is in the works.
------	--	---	---	---	--

TAKING GREEN HOME

E5.2	Employee Education: In 2014, did you provided learning opportunities or information materials to employees to encourage energy savings at home? Examples of opportunities include the utility energy efficiency programs, BizSavers, Act On Energy Illinois, Laclede Gas programs, St. Louis County SAVES, and Set The PACE St. Louis.	0	2	2	<p>The SLUustainability Expo is an informational event to promote sustainable practices on and off campus. Energy vendors and partners are invited to attend the expo to educate the SLU community about energy savings actions and provide tips to cut energy usage at home.</p> <p>Additionally, the Green Billiken provides information on the website greenbilliken.slu.edu and through twitter @greenbilliken to encourage and help offer suggestions and resources to the campus community.</p> <p>Sustainability Coordinator presented an energy presentation to the members of our Sustainability Advisor Council, comprised of 26 members of the SLU employees, to inform what the university has conducted and ways that employees can help in the office as well as at home.</p>
------	---	---	---	---	--

ENERGY TOTAL	42	51	66
---------------------	-----------	-----------	-----------

INDOOR ENVIRONMENTAL QUALITY

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
TEMPERATURE					
IE1.1	Temperature Adjustments: Does your company have individual area controls for temperature at this site? (1pt) Have you adjusted office temperature set-points for seasonal fluctuations? (2pts)	3	3	3	Most residential and office areas have adjustable thermostat controls which are adjusted for season and reduced for periods of extended vacancy. Additionally, dampers are used to isolate unused or over-conditioned areas. Additionally, many buildings on campus contain operable windows allowing the occupant more control.
IE1.2	Building Comfort Survey: In 2014, did you complete a seasonal thermal comfort survey for occupants? (2pts) Do you track building temperature adjustments throughout the year? (2pts)		4	4	As part of the Facilities Services annual Customer Service Survey, respondents are asked to assess building temperature. All results and comments are then addressed appropriately. The University's FAMIS system allows occupants to submit information regarding their comfort level and provides reports based on seasonal data for backend analysis. Additionally, Metasys automation system tracks temperature adjustments during the year. The FAMIS system acts as an assessment of thermal comfort by allowing occupants to report any discomfort throughout the seasons.
AIR QUALITY					
IE2.1	CO2 Monitors: Do you monitor and regulate CO2 levels in order to maintain adequate outdoor air ventilation rates?	1	1	1	CO2 levels are monitored and regulated on an ongoing basis to ensure adequate outdoor ventilation is maintained. Newly renovated buildings, that have been added to SLU's portfolio, contain automated CO2 monitoring systems.
IE2.2	Smoke Free: Have you designated your building or office space as smoke free? (1pt) Is the smoking area around on your site more than 25 feet from all entrances and air vents? (1pt)	2	2	2	University policy removes all smoking from all buildings and requires a 25 foot corridor around all building entrances and exits. In addition the Medical Center has a 'Smoke Free Campus'.
IE2.3	IAQ Plan: Does your facility manager have an operational Indoor Air Quality plan or follow the LEED CI/EBOM guidelines to use for all alteration and remodeling projects? (2pts) Is following this plan a requirement for your construction vendors and contractors? (1pt) Please share your IAQ Plan (2pts)	0	0	5	No formal policy or set of guidelines have been adopted, but steps are being taken to ensure the development of a future plan. However, 6 buildings on campus have received GreenGuard certification (BSC, DuBourg Hall, McDonnell Douglas Hall and the Wool Center).
IE2.4	Idling: Does your building have a No Idling Plan for loading zones and parking lots? (2pts) Is a "No Idling" sign posted? (2pts)	4	4	4	Saint Louis University instituted a "No Idling" Initiative that targets campus loading docks and curb cut-outs, where most offenses occur. Signs are posted at the following locations: Earhart Dock, Earhart Parking Area, Schwitalla Dock, Salus Dock, Pius Library Loop, Salus/WaterTower Inn Loop, DuBourg Hall Cut-out, BSC Loading Dock, Searls Hall, DRC Loading Dock, Georgetown Loop, Ritter, College Church Cut-out, Bannister House, McDonnell Douglas

INDOOR ENVIRONMENTAL QUALITY

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
GREEN PRODUCTS & STORAGE					
IE3.1	Green Cleaning Products: Do you use Green Seal, Design for Environment or other certified cleaning products for over 90% of your cleaning supplies? (3pts) <i>*Local "green" products that are not nationally certified may be eligible for 3 points (i.e. "Better Life" products), upon review.</i>	3	3	3	<p>Green Cleaning Supplies: A very limited number of SLU staff members are authorized to purchase cleaning chemicals and these individuals are aware of the University's preference for green chemicals. Our contract specifies green chemicals and associated pricing. These chemicals were selected based on efficacy and our goal to be as green as possible.</p> <p>Green Cleaning Policy: http://www.slu.edu/facilities-services-home/sustainability/purchasing</p> <p>Note: A list of green cleaning products is available upon request.</p>
IE3.2	Green Cleaning Service: Does your company have a green cleaning policy (1pt) that specifies the use of a high performance cleaning program? Please share your green cleaning policy and the service your company uses. (2pts)	3	3	3	<p>Yes. SLU's green cleaning policy document is available for download on our website: http://www.slu.edu/facilities-services-home/sustainability/purchasing</p> <p>We also have a list of green cleaning products. This is not posted on the website but is available upon request.</p> <p>Our cleaning contract specifies that cleaning staff purchase and use certified "green" cleaning chemicals. These products must meet 'green guard certification'.</p>
IE3.3	Low-emitting Materials: Do you have a verifiable purchasing policy related to low-emitting materials (VOCs, formaldehyde) for carpets, furniture, paints, cleaning products, etc.?	0	0	2	No formal policy has currently been adopted, although we do utilize low-emitting materials when possible.
IE3.4	Isolation Areas: Does your building have isolation areas for the copy/printing room (1pt) or cleaning materials and equipment (1pt) which are partitioned from the main office area with separate exhaust systems and no air recirculation into the office area?	2	2	2	Cleaning materials are stored in custodial closets that are separate spaces. Many office spaces have an isolated area for copy/printing (Ex: Litteken Hall and Wool Center). These options are utilized when at all possible.
TAKING GREEN HOME					

INDOOR ENVIRONMENTAL QUALITY

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
IE4.1	Employee Education: In 2014, did you provide learning opportunities or information to employees to encourage improved indoor environmental quality at home (i.e green cleaning, indoor air quality tips)?		2	2	<p>The Department of Sustainability and Benchmarking presents monthly at New Employee Orientation. This presentation includes take-away messages about how to live a more sustainable life at work and at home.</p> <p>The SLUustainability Expo is an informational event to promote sustainable practices on and off campus. Additionally, the Green Billiken provides information on the website greenbilliken.slu.edu and through twitter @greenbilliken to encourage and help offer suggestions and resources to the campus community.</p>
INDOOR ENVIRONMENTAL QUALITY TOTAL		18	24	31	

WASTE

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
WASTE REDUCTION					
W1.1	Waste Stream Audit: In 2014, did you conducted an informal waste stream audit which estimates the amount of waste/trash generated at your site? (2pts) Did you complete a full scale audit by sorting trash and calculating the percentage of landfill waste and recyclable materials? (4pts)		6	6	<p>Invoice tracking is the main form utilized for calculating the percentage of landfill waste and recyclable materials produced on the campus. However, with waste diversion an important goal, deeper auditing has become common practice. Informal waste audits are done periodically.</p> <p>In the Spring semester, a SLU student interned with Waste Management and provided in-depth assessments of waste and recycling streams at the university. A graduate student in behavioral psychology conducted extensive waste audits on bins throughout campus as part of her research project. This student worked directly with two graduate students during the Recyclemania competition to publicize the finds to the campus community.</p> <p>DART from Waste Management is used during move-in/out to track our diversion. All contamination rates are reviewed.</p> <p>Also, Facilities Services has implemented use of transparent blue bags for recycling collection on-campus to reduce improper disposal and contamination. Auditing of dumpsters to determine proper disposal is complete periodically.</p>
W1.2	Waste Reduction Goal: For 2014, did you established a Waste Reduction Goal of at least 25%? (1pt) If a 25% reduction was achieved, provide documentation (2pts)		3	3	<p>SLU has increased its recycling tonnage by 92% over the past 4 years. Facilities Services established a waste diversion goal of 30% for FY14. We ended FY14 with a 28.9% diversion rate, which was over 6% higher than the diversion rate at the end of FY13.</p> <p>The internal dashboard used by Facilities Services provides documentation for all metrics used to calculate the diversion rate for the university.</p>
W1.3	Delivery of Office Supplies: Do you receive reusable totes for your office supply deliveries?	0	0	2	<p>Not currently. Departments are encouraged to combine purchasing efforts so as to reduce the number of deliveries to campus. Office supplies are often delivered in cardboard boxes, which are either repurposed for future shipments (e.g. Department of Sustainability and Benchmarking ships some e-waste in them) or they are recycled in the single-stream recycling.</p>

WASTE

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
RECYCLING OFFICE MATERIALS					
W2.1	Recycling Policy: Have you established a recycling policy for all office materials in coordination with your building's recycling provider?	2	2	2	<p>SLU has implemented Single-stream recycling within or near all major buildings including restaurants and residence halls. Additionally, educational presentations have been held across campus for existing custodial employees, food service employees, in new employee and student orientations.</p> <p>The university has also established a well-documented standard operating procedure for interior and exterior recycling.</p>
W2.2	Recycling Bins: Are all employees at this site given a recycling bin to use at her/his desk?	2	2	2	Building occupants can submit a FAMIS service request and a recycling bin will be provided to them. Additionally, many departments throughout the university provide desk-side recycling bins for all of their employees.
W2.3	Trash Separation: If no to W2.2, are recyclable materials separated from the trash by your hauler?	n/a	n/a	2	SLU uses single-stream recycling. Separation of recyclable material is not necessary.
PAPER REDUCTION					
W3.1	Copier/Printer Paper Audit: Have you quantified how much copier/printer paper your office uses in a typical month?	2	2	2	<p>The university has quantified paper usage based on annual expenditures per product category (FY14):</p> <p>10-29 percent recycled content office paper: \$0.00 30-49 percent recycled content office paper: \$5,435.93 50-69 percent recycled content office paper: \$1,586.25 70-89 percent recycled content office paper: \$0.00 90-100 percent recycled content office paper: \$5,671.10 Total expenditure of recycled content office paper: \$12,693.28 Total expenditure on office paper: \$248,131.81</p> <p>The university's paper consumption (in tons) for FY14 was 184.65, which monthly would equate to 15.39 tons.</p>
W3.2	Paper Reduction Milestones: In 2014, did you establish milestone dates to reduce paper use by 10%? (1pt) If 10% reduction was met, show documentation. (3pts)		1	4	Although they are no current goals set to reduce paper usage on campus, the MPS BluePrints program is designed to decrease paper usage. Savings will be realized through reduction of energy and printer leases, paper reduction savings will be an added benefit to the \$300K estimated savings.
W3.3	Double-Sided Copying/Printing: Is double sided copying and printing set as a default on all capable machines?	0.5	1	1	The implementation of Managed Print Services (MPS) has resulted in double-sided printing as a default setting.

WASTE

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
W3.4	Junk Mail: Do you have a policy to unsubscribe to junk mail? (1pt) Have you unsubscribed to junk mail to achieve a junk mail reduction goal of 50%? (1pt)	1	1	2	SLU uses an external broker to reduce unsolicited mailings. Exact amounts have not been quantified.
W3.5	Electronic Documents: Do you circulate internal documents electronically instead of using paper-based memos? (1pt) Do you use electronic communication for external documents and invoices? (1pt)	2	2	2	Yes. SLU utilizes Google Apps which allows for online collaboration and publication of documents and presentations within departments, work groups, and the entire organization. Additionally, all students, faculty, and staff have access to a program called mySLU through which they can send large files (using standard FTP protocols) or access network drives from any Internet-enabled computer. External vendor documentation is usually handled through e-mail.
W3.6	Hand Dryers: Have you installed hand dryers or time-controlled towel dispensers in 75% of your site's bathrooms?	2	2	2	Facilities Services places both options in many restrooms. The main focus is given to utilization of recycled content paper towels. Facilities Services uses Eco Logo - Environmental Choice certified paper towels.
PURCHASING RECYCLED PAPER					
W4.1	Recycled Copier/Printer Paper: Have you purchased 30% Post-Consumer Recycled Copier/Printer Paper (Processed Chlorine Free, PCF)? (3pts) 31 to 50%? (4pts) 51 to 100%? (5pts)	2.5	0	5	Roughly 8% of paper purchased for SLU is post-consumer recycled. While this is below 30%, we are actively working to encourage departments to purchase more recycled content paper.
W4.2	Recycled or Electronic Stationery Policy: Do you have a policy to purchase recycled paper content for letterhead paper, envelopes, note pads?(1pt) Have you eliminated use of printed company letter head? (2pts) Have you purchased 30% Post-Consumer Recycled Paper Products (Processed Chlorine Free) for paper, envelopes, notepads (3pts)? Up to 50%? (4pts) or 100%? (5pts)	4	4	8	See W3.1
W4.3	Recycled Janitorial Products: Do you purchase 30% Post-Consumer Recycled Paper Products (Processed Chlorine Free, PCF) for paper towels, toilet paper, seat covers and tissues (3pts)? Up to 50%? (4pts) or 51 to 100% (5pts)?	3	3	3	Janitorial toilet tissue is 100% recycled as certified by Environmental Choice Agency. Paper towels are made from 100% recycled materials.
RECYCLING ELECTRONICS					
W5.1	Recycling Bins for Miscellaneous Electronics: Do you provide centralized recycling bins for cell phones, rechargeable batteries, used printer cartridges and alkaline batteries?	1	1	1	Drop boxes are managed by Facilities Services for cartridges, cell phones, and batteries. Information Technology Services manages electronics recycling and donations for large classroom turnovers. Facilities Services also provides the service through FAMIS where a service request can be submitted for pickup of additional recyclable items.

WASTE

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
W5.2	Computer Recycling: Do you recycle old computers and other large electronics (printers, copiers)?	1	1	1	<p>Saint Louis University has partnered with Midwest Recycling Center (MRC) to manage e-waste recycling. E-waste recycling drives are hosted annually and are open to the campus and St. Louis community.</p> <p>Additionally, if anyone on campus needs help to recycle larger items they can submit a work request through the FAMIS system.</p>
REDUCING FOOD SERVICE WASTE					
W6.1	Food Service Policy: Do you have a company policy to reduce disposables related to food service by allowing only 20% non-recyclable disposables to be used on site?	0.5	0.5	1	<p>Fresh Gatherings uses 100% recycled products, but SLU has not yet implemented a university-wide policy. However, specific new food service vendor locations have been contacted to change any polystyrene to-go containers to compostable material with much success.</p>
W6.2	Green Catering: Have you implemented a policy to hire caterers or food vendors that reduce paper and plastic waste in food orders? (1pt) Provide example of how your caterer reduced paper and plastic waste (2pts).	3	3	3	<p>SLU's food service contractor from January to June of 2014 was Chartwells. Chartwells, implemented food sourcing policies for purchasing sustainable and, whenever possible, locally grown and organic food products including 100% certified seafood, cage-free shell eggs, hormone and antibiotic-free chicken, turkey, pork, grass-fed beef and rBGH free milk.</p> <p>Aramark became the food service provider for campus in July. The newest food contract contains language requiring Aramark to establish a recycling and composting program and practice sustainability initiatives. Aramark catering prints solely using scrap paper and utilizes recycling for all paper and plastic materials. Aramark catering offers china/glassware/cutlery for catering events at no charge, and encourages guests to not use disposable materials. Additionally, during events the staff uses recycling bins for all recyclable materials instead of throwing the items in the garbage.</p> <p>At Chaifetz Arena, Sodexo is beginning to standardize purchasing of all recyclable concession items.</p>

WASTE

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
W6.3	Local Food Suppliers: Does your company have a policy of using local food suppliers and products?	2	1	2	<p>Aramark Meat is processed in Nebraska, and raised in Nebraska, Kansas and Texas. All shell eggs are cage free. As Aramark is new to SLU, local food options are still being documented and relationships established with farms and companies.</p> <p>Fresh Gatherings Food served in Fresh Gatherings is local, with a large majority grown on site in the teaching garden.</p>
W6.4	Food Waste: Do you have a policy of donating excess food to Operation Food Search or another organization?	2	2	2	The Campus Kitchen at St. Louis University is a food re-purposing program. It takes excess food from SLU dining facilities (e.g. Fresh Gatherings, Aramark), grocery stores, catering companies, and other organizations and turn it into healthy meals for hungry individuals in the community immediately surrounding the University campus. Campus Kitchen creates and delivers over 500 meals a week for more than 300 clients.
W6.5	Reusable Food Service: Do you stock reusable items such as real plates, mugs, water pitchers and silverware in your lunch/break room?	2	2	2	All cafeterias and most break areas feature reusable items and wash basins for personal use. On campus catering uses reusable plates and flatware. (Greenware® products manufactured by NatureWorks®)
W6.6	Food Composting: Do you have a food waste composting service available at your workplace?	2	2	2	<p>At Fresh Gatherings, all foods are served on fully compostable plates, cups, bowls, etc. Beverage cups are compostable (both hot and cold). Nutrition & Dietetics utilizes seven compost tumblers, one large industrial sized tumbler, an earth tub, and a vermiculture system for management of both pre- and post-consumer food waste.</p> <p>The newest food contract contains language requiring the new food vendor, Aramark, to participate in the recycling and composting program and practice sustainability initiatives. Increasingly, events on-campus are becoming zero waste (i.e. Facilities Services Employee Recognition summer bbq and HR Cannonball Picnic)</p>

WASTE

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
W6.7	Cafeteria Recyclables: Does your company use reusable goods or high (30% or more) post-consumer recycled materials at the cafeteria for take-out orders?	2	2	2	<p>All food at Fresh Gatherings is served on fully compostable plates, cups, bowls, etc. Beverage cups are compostable (both hot and cold). The garden program utilizes seven compost tumblers, one large industrial sized tumbler, and a vermiculture system for management of both pre- and post-consumer food waste. Fresh Gatherings also purchases napkins made of 100% recycled content. Used napkins are incorporated into the compost operation.</p> <p>At Chaifetz Arena, Sodexo has standardized the purchasing of all 100% recyclable concession items.</p>
W6.8	Bottled Water: Does your company have a policy that prohibits the purchase of bottled water for meetings? (1pt) Does your company encourage use of reusable water canteens by employees? (1pt)	1	1	2	<p>There is no formal policy in place banning the purchase of water bottle but meeting and events are strongly encouraged to request large reusable water containers for ice water instead of single-use water bottles. Many events (e.g. student and employee orientations and Facilities Services meetings) use these containers. Additionally, many departments maintain reusable water dispensers instead of purchasing individual bottles.</p> <p>Fresh Gatherings has a reusable insulated mug for sale at cost. Customer can fill at the "refill" price, which is \$0.99 for any size reusable mug up to 32oz. Also, Aramark provided reusable mugs for sale at Einstein Bagel Bros in the library that can be used for any beverage.</p> <p>31 new water-bottle filling stations were purchased and installed in 2014, which has encouraged reusable water canteens and drastically reduced the number of single-use water bottles. SGA purchased and distributed reusable water canteens to incoming Freshman and used the remainder as as giveaways accessible to students of any class.</p>
W6.9	Polystyrene: Have you eliminated polystyrene (#6 plastic aka Styrofoam) food service products (coffee cups, clam shell boxes, cups, plates, clear PS boxes) from your cafeteria and break room?	2	2	3	<p>Aramark is working towards banning the use of polystyrene in all DineSLU locations.</p> <p>Facilities Services VP Suite has banned the use of these products. Instead, they utilize the Sustainable Earth food service products from Staples that are either recyclable or compostable. Only two point were claimed because there is no written formal policy in place.</p>

WASTE

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
TAKING GREEN HOME					
W7.1	Employee Education: In 2014, did you provided learning opportunities or information materials to employees to encourage reducing waste at home?		2	2	Monthly new employee orientations include helpful take-away tips for employees to learn how to recycle and compost at home. Additionally, tablings and presentations held throughout the year for students, faculty, and staff are aimed at provided waste reduction tips that can be used both at home and in the workplace.
WASTE TOTAL		39.5	48.5	69	

WATER

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
WATER CONSERVATION					
WT1.1	Water Policy: Do you have a policy to reduce water from your toilets?	1	1	1	Facilities Management has implemented new installations and retrofits in high volume areas and additionally have installed low-flow fixtures during recent renovation projects. Additionally, Planning & Construction has developed guidelines with this in mind.
WT1.2	Toilets: Have you installed water conserving devices on your existing toilets at this site?	2	2	2	Current toilets that can manage the reduction have been retrofit with displacement bags to reduce water usage.
WT1.3	Faucet Aerators: Have you installed faucet aerators to reduce the flow rate from sinks?	2	2	2	Low-flow showers and faucets are installed throughout campus.
WT 1.4	Bottle Filling Stations: Have you installed a bottle filling station to educate visitors and employees about bottle reuse and water conservation? (2pts for 1 station, 4 pts for 2 or more stations plus 1 point for educational signs a filling station)	n/a	5	5	31 new water-bottle filling stations were purchased and installed in 2014, which has encouraged reusable water canteens and drastically reduced the number of single-use water bottles. SGA purchased and distributed reusable water canteens to incoming Freshman and used the remainder as giveaways accessible to students of any class.
STORMWATER MANAGEMENT & SUSTAINABLE LANDSCAPING					
WT2.1	Xeriscape: Have you installed sustainable landscaping (native plant, xeriscape, etc.) at parking areas or on your building site?	3	3	3	The Grounds Department emphasizes native plant installation on all new construction projects. This practice was implemented on July 1, 2010. The target goal for native plant material on each new project is 50%. All irrigation systems separate turf zones from shrub and perennial zones to eliminate unnecessary and wasteful watering. SLU also utilizes a central control irrigation management system to help reduce water usage.
WT2.2	Rainscaping Features: Have you installed a raingarden, bioswale, or other rainscaping features for your parking area or building site?	3	3	3	Construction has recently finished on a new MSD grant-funded campus stormwater project. The project includes two bioretention areas which will provide 700 ft ³ of storage, three connected rain barrels, pervious path, native vegetation and educational signage. Additionally, we have a green roof system on the Doisy Research Center for stormwater management and have more recently added a native plant garden and two rain barrels behind Beracha Hall.
WT2.3	Pervious surfaces: Have you installed pervious pavers in your parking lot? (2pts for up to 25% of total parking surface area, 3pts for more than 25%)	2	2	3	A honeycomb grass paver system is installed at both the Med Rec Complex and the Doisy Research Center in emergency and service vehicles parking area. Also, as mentioned above, there was a new pervious path being added as part of the campus stormwater project.
TAKING GREEN HOME					

WT3.1	Employee Education: In 2014, did you provided learning opportunities or information materials to employees to encourage conserving water and reducing stormwater run-off at home?		2	2	<p>The Department of Sustainability & Benchmarking provides educational information on water conservation efforts on its website. http://www.slu.edu/facilities-services-home/sustainability/be-a-green-billiken/learn-it/faqs</p> <p>Handouts on sustainability initiatives and take-home ideas, including water conservation, are available at all SLU sustainability tablings.</p>
WATER TOTAL		13	20	21	

TRANSPORTATION

	Action	Baseline Points	Final Points	Possible Points	How did you achieve this strategy? Please provide a short description.
WORKPLACE COMMUTING					
T1.1	Commuting Audit: In 2014, did your company conduct a commuter survey to determine how your employees commute to work? (2pts) (i.e. car, carpool, bus, MetroLink, bicycle) Have you reduced the percent of employees traveling to this site as a single vehicle users by at least 10%? (3pts)		2	5	The Alternative Transportation subcommittee of the Sustainability Advisory Council created and released a commuter survey for students and employees in November 2014. The results are currently being analyzed and reduction goals will be set after results are obtained.
T1.2	Transit Subsidies: Does your company provide a transit benefit program to encourage use of public transportation? (i.e. Pretax transit passes, transit subsidies, etc.)	3	3	3	Student discount Metro passes are available as well as pre-tax metro passes to employees managed by Parking & Card Services. The university also provides a free shuttle service for SLU campus users that operates along Grand Ave and between campus locations - main campus, medical campus, and law campus.
T1.3	CarSharing: Does your company participate in RideFinders, RideShare, WeCar or other car or vanpooling programs to reduce single occupant car commuters?	2	2	2	SLU has partnered with RideFinders to offer carpooling opportunities. SLU also offers a van pool through Transportation Services. The van pool program allows clubs and departments on campus to rent vans for university related business. By consolidating vans throughout campus, this saves on the purchase of additional vehicles sitting unused.
T1.4	Telecommuting/Flex-time: Does your company allow employees to telecommute or use flex-time?	1	1	1	<p>While most campuses and departments have established standard business hours, these schedules vary throughout the University, depending upon the services provided. Condensed or flexible work week schedules are determined by the individual departments and are more common during the summer months.</p> <p>Telecommuting is an option available to employees. It is contingent upon the employee's job requirements and governed at the department level.</p> <p>Billiken Secure Connect is a Virtual Private Network (VPN) service that provides users secure remote access to network resources on SLU Net. The service is available to all faculty and staff.</p>
T1.5	Virtual Meetings: Does your company use a virtual meeting programs (WebEx, GotoMeeting) instead of traveling to meetings?	2	2	2	SLU offers many online classes and systems to provide remote viewing, FuzeBox and Tegrity. These systems enable classes to be either recorded or viewed online at anytime. Most meetings held on campus are within easy walking distance. SLU also provides a free shuttle service to transport students and employees between the main (Frost) campus, the medical school campus on South Grand, and the law school downtown.
DESIGNATED PARKING SPOTS					
T2.1	Carpool Parking: Does your company provide dedicated carpool/vanpool parking spaces at the workplace?	0	0	2	Not currently, but conversations have begun with RideFinders to provide designated parking for carpools, with specialized signage and hangtags.
BICYCLE COMMUTING					

TRANSPORTATION

T3.1	Bicycle Parking: Does your company provide bicycle parking for bike commuters at the workplace? (2pts) Does your company have or provide access to showers and/or changing facilities for bicycle commuters? (1pt)	3	3	3	Bike racks are installed at all major buildings, including indoor storage in our parking garages. Faculty and staff who bike to work can use the showers in Simon Rec Center without having a membership to the facility. Additional shower facilities are available at the Doisy Research Center and Salus Center for medical center campus employee use and our new downtown law school location is in close proximity to the Big Shark bike/shower facility.
T3.2	Bicycle Advocacy: In 2014, did your company promote Bike-to-Work Day for your employees? (1pt) Did your company enrolled in Trailnet's Shift Your Commute contest? (2pts) Did you hosted a Bicycle Commuting Workshop (provided by Trailnet or other source)? (2 pts)		2	5	Slu promoted a Bike-to-Work day in May to celebrate National Bike-to-Work day. Another Bike-to-Work day was promoted as part of SLUustainability Week in October. Although SLU as an organization did not enroll in Trailnet's Shift Your Commute contest, there are four teams with ongoing participation in the Shift Your Commute program that are part of Saint Louis University.
TRAVEL					
T4.1	Car Rental: Does you company have a policy to require fuel-efficient or hybrid vehicles when renting cars (see U.S. EPA Green Vehicle Guide)?	0	0	2	Not currently.
T4.2	Travel Co2 Tracking: Did your company calculated its 2014 business-related air or auto travel carbon foot print? (see terrapass.com for carbon calculator) (2 pts each)		4	4	Department of Sustainability and Benchmarking is conducting a Greenhouse Gas Inventory and obtained data for university funded travel by air, bus, car, and rail.
TAKING GREEN HOME					
T5.1	Employee Education: In 2014, did you provided learning opportunities or information to employees to encourage reducing transportation emissions at home?		2	2	The SLUustainability Expo is an informational event to promote sustainable practices on and off campus, vendors such as: CMT, RideFinders and Trailnet will be present at the Expo. Additionally, the Green Billiken provides information on the website greenbilliken.slu.edu and through twitter @greenbilliken to encourage and help offer suggestions and resources to the campus community.
TRANSPORTATION TOTAL		11	21	31	



High Performance Building Initiative Scorecard

Category	Question	Points Available	Points Achieved by Nov. 17
ENERGY STAR 1.1	Calculate your company's energy usage (electric, gas, water)	5	5
ENERGY STAR 1.2	Take advantage of energy efficiency incentives by BizSavers or Laclede Gas Company	5	5
ENERGY STAR 1.3	Attend a class on Benchmarking with ENERGY STAR or view webinar from ENERGY STAR web library	5	5
ENERGY STAR 1.4	Sign STLHPBI 25% by 2020 Energy Reduction Pledge	10	10
ENERGY STAR 1.5	Benchmark your building in Portfolio Manager or get your building owner to benchmark	10	10
ENERGY STAR 1.6	Enter your building in the U.S. EPA National Building Competition 2014	10	0
ENERGY STAR 1.7	Earn ENERGY STAR Label for 2014: Benchmark score 75-85 (15pts); 86-95 (25 pts); 96-100 (30 pts)	30	0
Total ENERGY STAR Points		75	35
LEED 1.1	Attend USGBC - Missouri Gateway Chapter LEED Green Building showcase or Green Building Tour	5	5
LEED 1.2	Register project/building for LEED Certification: LEED-EB&OM, LEED-CI, LEED-NC, LEED-CS, or LEED-ND	10	0
LEED 1.3	Complete charrette/point analysis of possible LEED project	10	10
LEED 1.4	Achieve LEED Certification in 2014: Certification (20 pts), Silver (30 pts), Gold (40 pts), Platinum (50 pts)	50	0
Total LEED Points		75	15
Sustainable SITES 1.1	Attend a seminar on Sustainable SITES or read overview presentation on website	5	5
Sustainable SITES 1.3	Complete draft charrette/point analysis from Sustainable SITES - version 1	10	0
Total Sustainable SITES Points		15	5
Mentoring 1.1	Attend a meeting on high performing buildings organized by STL High Performance Bldg. Initiative signatory organizations	5	0
Mentoring 1.2	Share company success story on your high performing workspace or building to be posted on STL HPBI website	10	0
Mentoring 1.3	Assist another company with benchmarking their building or provide mentoring to assist in energy efficiency strategies	15	15

Note on Mentoring rules: Mentors should only provide advice on the Energy Star, LEED or SITES processes and applications and not provide the same level of time and resources that a professional engineer/consulting would provide. Please provide documentation on number of meeting/contacts and topics.

High Performance Building Initiative Scorecard

Total Mentoring Points	30	15
Total HIGH PERFORMANCE Points	195	70

High Performance Building Initiative Scorecard

Litteken Hall & Med Center

Not submitted for label

SLU went through an analysis for the LEED scorecard on the Scott Hall & Center for Global Citizenship facilities

SLU is currently working the St. Francis Xavier Church on benchmarking and providing guidance on energy efficiency. The Director of Facilities Management sits on their Facilities committee and actively works with the "college church"

Better Business Through Biodiversity Scorecard

1 Educate Company Personnel About Biodiversity Importance & Potentials				
Awareness Purpose: <i>Explorations of Biodiversity are new in our region, but learning opportunities are sprouting up from many organizations. Local to international resources increasingly document the business case for Biodiversity engagement. Individuals' at-home practices offer valuable peer-to-peer learning options.</i>				
	Activity	Options	Points Available	Final Points - Nov 17
1.1	Attend Biodiversity seminar or training, report back to your Green Team (1pt per event attended, up to 5).	Challenge-sponsored seminar or field trip; presentations hosted by MOBOT, Shaw Nature Reserve, MO Dept of Conservation, USGBC, other sources. For resources see www.BiodiverseCitySTL.org	5	0
1.2	Host a Biodiversity organization's presentation at your company.	Speakers available from Missouri Botanical Garden, St. Louis Audubon, Grow Native! etc.	5	0
1.3	Host an internal Biodiversity presentation and discussion.	Learn from fellow employees' experience with Biodiversity practices.	5	0
1. Biodiversity Education Total Points			15	0
2 Analyze Company Landholdings and/or Adjacent Property Features				
Awareness Purpose: <i>Mapping tools build awareness and help with data generation.</i>				
	Activity	Options	Points Available	Final Points - Nov 17
2.1	Generate site map that includes all features of your site (hardscape and natural): building area, parking lots, sidewalk, and other pavement areas (hardscape), conventional turf, naturalized areas, water flow locations, topography (hills and valleys), nearby wildlife Corridor(s).	Secure pre-existing property map - OR Hand sketch property, including location and approximate size of main features OR Use Google Earth or online public GIS files to determine property boundaries for mapping. Wildlife Corridors can be railroad, highway ROWs, rivers or creeks, cycling trails, etc.	5	5
2.2	Expand site map to include main features within two miles of property.		5	1
2. Analyze Property Features Total Points			10	6

Better Business Through Biodiversity Scorecard

3 Evaluate Building and Site Features				
<p>Awareness Purpose: Building features that directly impact Biodiversity include windows, lights, rooftop, parking lots, stormwater flow, etc. Critical site factors include the proportion of vegetation to hardscape, use of habitat-sustaining native plants vs. turf or exotic ornamentals, eliminating or minimizing pesticide use, and establishing and maintaining sources of food, shelter and water sources for beneficial wildlife. As your company increases operational sustainability, you can correlate savings achieved through utility, purchasing, waste reduction, supply chain and other green efficiencies to quantify indirect Biodiversity benefits. Sustainability measures such as GRI increasingly include Biodiversity evaluation tools.</p>				
Activity	Options	Points Available	Final Points - Nov 17	
<p>Define and estimate percentage of pervious and impervious property features. Identify light pollution factors: do exterior lights spill off-site, are interior lights generating light pollution at night? What percentage of your building envelope is reflective? Engage in evaluation of indirect impacts.</p>	<p>Report on direct impacts of building features on surrounding environment, such as:</p> <ol style="list-style-type: none"> 1) Run-off from roof; 2) Run-off from paving 3) Light pollution 4) Window reflectivity; 5) What % of site is hardscaping? <p>(2 pts each)</p>	10	0	
	<p>Report on site factors:</p> <ol style="list-style-type: none"> 1) What % of your site is vegetated with perennials, shrubs, trees? 2) What % of this vegetation is primarily native plants? 3) Evaluate any planted hardscape areas (roof, patio, parking lot islands) 4) In what ways does your site support shelter, food, water for pollinators or other wildlife? 5) Do you use pesticides or herbicides? Do you know their effects on Biodiversity? <p>(2 pts each)</p>	10	0	
	<p>Report on your company's indirect impacts on Biodiversity, such as building energy use, solid waste management, supply chain impacts, etc.</p>	10	0	
3. Evaluate Building and Site Features Total Points		30	0	
4 Identify and Maximize Internal Resources				
<p>Awareness Purpose: Evidence of company engagement and commitment regarding Biodiversity can come from many sources - ideally your Biodiversity "better business" resources will grow both top-down and grassroots-up!</p>				
Activity	Options	Points Available	Final Points - Nov 17	
<p>4.1 Evaluate and begin to act on company capability and commitment to foster Biodiversity in concert with other sustainability practices.</p>	<p>Develop a company-approved policy on biodiversity. (2 pts) Share this policy with other Challenge companies. (2 pts)</p>	4	0	
	<p>Integrate Biodiversity focus into your company's existing sustainability action plan.</p>	2	0	
	<p>Establish a biodiversity subset to your Green Team and identify potential leadership.</p>	2	0	
	<p>Survey employees and summarize findings to identify skill sets and interests related to Biodiversity. Is anyone a birder, gardener, beekeeper?</p>	2	0	

Better Business Through Biodiversity Scorecard

Gather case studies of individual employee Biodiversity engagement to share internally. (1 pt each up to 5 pts)	5	0
Identify funding opportunities. (1 pt) Propose one for potential projects. (1 pt)	2	0
Identify opportunities for collaboration with local community or organizations (1 pt) and collaborate with at least one. (2 pts)	3	0
4. Internal Resources Total Points	20	0

5 Audit and Monitor Biodiversity Factors of Your Site
Awareness Purpose: Use surveying guidelines from National Wildlife Fund, St. Louis Audubon Society, etc. that are available in shared resources on Challenge website. OR - Obtain services to conduct an ecological survey. Including Biodiversity monitoring in your ongoing sustainability tracking systems will continue your initial investment in exploration of these factors!

Activity	Options	Points Available	Final Points - Nov 17
5.1 Evaluate and report on the state of habitats and species on your site. Establish systems to efficiently monitor Biodiversity factors on an ongoing basis.	A) Conduct an informal survey of your site and surroundings and list observed plants, animals and habitats.	5	0
	B) Conduct a formal quantitative site survey including plants, animals and habitats.	10	0
	C) Report on your site's ability to support biodiversity. 1. Identify natural food and pollinating sources for wildlife and plants 2. Identify water sources available to wildlife and plants 3. Identify places of protection for wildlife and plants 4. Identify natural or man-made spaces for wildlife and plants to reproduce	10	0
	D) Establish a system for ongoing Biodiversity monitoring and share your methodology with the Challenge.	10	0
5. Audit and Monitoring Total Points		35	0

6 Biodiversity Case Study
Awareness Purpose: Stories of the why-what-how, challenges and benefits of business sector BiodiverseCity STL engagement - will help this initiative evolve and grow!

Activity	Options	Points Available	Final Points - Nov 17
6.1 Share your process, success, issues and findings.	Generate and share a case study of your Biodiversity activities in narrative or video format.	10	0
6. Case Study Total Points		10	0

Better Business Through Biodiversity Scorecard

7 Biodiversity Action Implementation				
Awareness Purpose: Is your company ready to move from Awareness to Action? If you are already protecting and promoting Biodiversity, can you increase your efforts?				
	Activity	Options	Points Available	Final Points - Nov 17
7.1	Implement at least one action item to increase biodiversity on your site.	Examples: Ongoing monitoring of Biodiversity features; replacing invasive or monoculture plantings with native-based plantings; remove barriers to adjacent wildlife corridors; etc.	10	2
7. Biodiversity Actions Total Points			10	2
Grand Total Biodiversity Scorecard Points			130	8

Green Revolving Fund

Facilities Services is currently researching the implementation of a Green Revolving Fund to help finance energy and utility initiatives on campus. Research is being conducted to find the best practices for the type, size, and administration of the fund. Over the next year, Facilities hopes to have a proposal for a Green Revolving Fund with

Cannonball Picnic

In 2014, the annual staff appreciation picnic was held as a zero-waste event with all waste being composted. All cups, plates, and utensils used at the event were compostable. This event did not contribute to landfill waste. The department of Sustainability & Benchmarking was present at the event to disseminate educational information about how to compost at home and how staff members can host their own zero-waste event.

Green Game

"Greening the Game" was part of the annual RecycleMania competition, a friendly nationwide competition between colleges and universities to raise awareness about their recycling programs.

Over 30 volunteers from the SLU community engaged fans about the recycling refresh program at Chaifetz Arena. Since the inception of the program, in November 2013, over 7 tons of recyclable material has been diverted from the landfill. "Greening the Game" was also featured in a news segment on KMOX radio.

Some of the highlights of the event included a pre-game "Green Billiken Party Zone" that promoted locally sustainable food and beverage providers, direct collection of recyclables from fans during media timeouts, and collection of gently worn shoes for the annual Battle for the Boot competition to be donated to the Shoe-man Water Project.

Due to the efforts of our green ambassadors, SLU and Chaifetz Arena were able to divert 21% of waste from the

Learning Laboratory for Stormwater Retention

The Department of Sustainability & Benchmarking is supporting an engineering class in researching ways to capture rainwater at the Olive/Compton parking garage for use in filling the ponds nearby. This project would reduce the consumption of freshwater to fill the ponds, as well as reducing the amount of water entering storm drains. Projects like this provide an opportunity for students to engage in realworld issues with practical application

Campus Sustainability Map

Through an initiative developed and completed by the graphic design intern for the Department of Sustainability and Benchmarking, all sustainability features of SLU have been mapped -bike racks, recycling bins, water bottle filling stations, etc - and made available online for easy access.

<http://www.slu.edu/facilities-services-home/maps-and-addresses>

SLUustainability Week and Expo

The third annual SLUustainability Week, sponsored by the University's Sustainability Advisory Council, took place from October 20-25 with a number of events focused on "Empowering Change on Campus and in the Community."

The second annual SLUustainability Expo was held in the Busch Student Center that featured over 20 on and off campus organization who have a focus on sustainability. Over 150 individuals attended the event and the interaction between the organizations and the attendees was lively and enlightening.

Through the efforts of the Student Activities Board, the University played host to the Campus Consciousness Tour (CCT) for the first time. CCT is part music tour and part environmental campaign with the aim to inspire and activate students in an electric atmosphere while having a minimal environmental footprint.

Other successful events of the week were the fourth annual Food Day held on the Medical Center Campus to promote sustainable, healthy, and just agricultural practices. The week concluded with Make a Difference Day 2014 with more than 4,000 students, faculty, and staff taking part in the nation's largest day of service.

Water Bottle Filing Stations

31 new water-bottle filling stations were purchased and installed in 2014, which has encouraged reusable water canteens and drastically reduced the number of single-use water bottles. SGA purchased and distributed reusable water canteens to incoming Freshman and used the remainder as as giveaways accessible to students of any

Engineering Innovation Challenge

The Department of Sustainability & Benchmarking is partnering with the School of Engineering to engage students in developing innovative ideas to address issues to make campus more sustainable. Recently, the challenge sponsored by the University's Sustainability Advisory Council, focused on creating a recognition program for individuals adopting sustainable practices. Think about cost-effectiveness, campus outreach, individual/group

Total

Points

1

3

3

2

2

2

3

1

16