

2014 St. Louis Green Business Challenge Champion Scorecard

Question	Points Available	Points Earned by Nov. 17
Prerequisites		
1. Complete High Performance Building Scorecard	195	0
2. Complete Biodiversity Scorecard	130	0
Advancing the Challenge		
3. Provide a video or case study describing innovative sustainability accomplishment	10	
4. Serve as a mentor to a Challenge participant (Apprentice, Leader or Champion Track)	10	
5. Recruit new Challenge participants (2 points per new company up to 5)	10	
6. Promote participation in the St. Louis Green Business Challenge to your clients through stories in external media (newsletter, website, news stories)	5	
Advancing Community Sustainability		
7. Sponsor (cash or in-kind) or send volunteers to community-wide sustainability events (2 points per event up to 5 events)	10	
8. Share strategies by powerpoints, documents, case study, or presentations about:		
8a. Increasing sustainable practices of suppliers and vendors	10	
8b. Innovative employee education program about sustainability in the workplace	10	
8c. Innovative employee education program about sustainability at home	10	

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Advancing Your Company's Performance	145	0
9. Complete a Greenhouse Gas Inventory of direct energy consumption, fleet usage and employee commuting and travel	10	
10. Pledge to reduce Greenhouse Gas Emissions by 25% by 2020	5	
11. Display St. Louis Clean Air Partnership Alert Day Signs during Ozone Season and communicate alerts to all employees	5	
12. Implement and share one Greenhouse Gas Reduction Strategy	10	
13. Increase by 10% the number of employees who commute to work by carpool, transit, walk, or bicycle (use Challenge's transportation survey template)	10	
14. Participate in Project Clear with MSD or reduce stormwater runoff from property through native plantings, rain gardens or pervious pavement	10	
15. Pledge the Strive for 75% to increase diversion rate to 75% (see www.mora.org)	5	
16. Complete an waste audit (trash sort)	5	
17. Achieve 25% reduction in waste over the year (5pts); 26-50% (10 pts); 51-75% (15 pts); 75+ (20 pts)	20	
18. Share utility energy efficiency incentives information with employees (BizSavers, Act On Energy, Laclede Gas) and St. Louis County SAVES program with employees	5	
19. Reduce energy bill costs by 10% from last year (elec+nat. gas) (10 pts); by 11% to 25% (15 pts); 26% to 50% (20 pts); 51+ (30 pts)	30	
20. Share energy reduction strategies by powerpoints, documents, case study, etc.	10	
21. Reduce Heat Island effect by putting in white roof or green roof	10	
22. Increase by 5% the amount of renewable energy used or through purchased credits	10	
Total Available Points	545	0

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	
ENERGY STAR 1.2	Take advantage of energy efficiency incentives by BizSavers or Laclede Gas Company	5	
ENERGY STAR 1.3	Attend a class on Benchmarking with ENERGY STAR or view webinar from ENERGY STAR web library	5	
ENERGY STAR 1.4	Sign STLHPBI 25% by 2020 Energy Reduction Pledge	10	
ENERGY STAR 1.5	Benchmark your building in Portfolio Manager or get your building owner to benchmark	10	
ENERGY STAR 1.6	Enter your building in the U.S. EPA National Building Competition 2014	10	
ENERGY STAR 1.7	Earn ENERGY STAR Label for 2014: Benchmark score 75-85 (15pts); 86-95 (25 pts); 96-100 (30 pts)	30	
Total ENERGY STAR Points		75	0
LEED 1.1	Attend USGBC - Missouri Gateway Chapter LEED Green Building showcase or Green Building Tour	5	
LEED 1.2	Register project/building for LEED Certification: LEED-EB&OM, LEED-CI, LEED-NC, LEED-CS, or LEED-ND	10	
LEED 1.3	Complete charrette/point analysis of possible LEED project	10	
LEED 1.4	Achieve LEED Certification in 2014: Certification (20 pts), Silver (30 pts), Gold (40 pts), Platinum (50 pts)	50	
Total LEED Points		75	0
Sustainable SITES 1.1	Attend a seminar on Sustainable SITES or read overview presentation on website	5	
Sustainable SITES 1.3	Complete draft charrette/point analysis from Sustainable SITES - version 1	10	
Total Sustainable SITES Points		15	0
Mentoring 1.1	Attend a meeting on high performing buildings organized by STL High Performance Bldg. Initiative signatory organizations	5	
Mentoring 1.2	Share company success story on your high performing workspace or building to be posted on STL HPBI website	10	
Mentoring 1.3	Assist another company with benchmarking their building or provide mentoring to assist in energy efficiency strategies	15	
<p>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.</p>			
Total Mentoring Points		30	0
Total HIGH PERFORMANCE Points		195	0

Better Business Through Biodiversity Scorecard

1 Educate Company Personnel About Biodiversity Importance & Potentials				
Awareness Purpose: 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.				
	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	
1.2	Host a Biodiversity organization's presentation at your company.	Speakers available from Missouri Botanical Garden, St. Louis Audubon, Grow Native! etc.	5	
1.3	Host an internal Biodiversity presentation and discussion.	Learn from fellow employees' experience with Biodiversity practices.	5	
1. Biodiversity Education Total Points			15	0
2 Analyze Company Landholdings and/or Adjacent Property Features				
Awareness Purpose: Mapping tools build awareness and help with data generation .				
	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	
2.2	Expand site map to include main features within two miles of property.		5	
2. Analyze Property Features Total Points			10	0

Better Business Through Biodiversity Scorecard

3 Evaluate Building and Site Features				
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.				
Activity	Options	Points Available	Final Points - Nov 17	
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.	Report on direct impacts of building features on surrounding environment, such as: 1) Run-off from roof; 2) Run-off from paving 3) Light pollution 4) Window reflectivity; 5) What % of site is hardscaping? (2 pts each)	10		
	Report on site factors: 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? (2 pts each)	10		
	Report on your company's indirect impacts on Biodiversity, such as building energy use, solid waste management, supply chain impacts, etc.	10		
3. Evaluate Building and Site Features Total Points		30	0	
4 Identify and Maximize Internal Resources				
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!				
Activity	Options	Points Available	Final Points - Nov 17	
4.1 Evaluate and begin to act on company capability and commitment to foster Biodiversity in concert with other sustainability practices.	Develop a company-approved policy on biodiversity. (2 pts) Share this policy with other Challenge companies. (2 pts)	4		
	Integrate Biodiversity focus into your company's existing sustainability action plan.	2		
	Establish a biodiversity subset to your Green Team and identify potential leadership.	2		
	Survey employees and summarize findings to identify skill sets and interests related to Biodiversity. Is anyone a birder, gardener, beekeeper?	2		

Better Business Through Biodiversity Scorecard

Gather case studies of individual employee Biodiversity engagement to share internally. (1 pt each up to 5 pts)	5	
Identify funding opportunities. (1 pt) Propose one for potential projects. (1 pt)	2	
Identify opportunities for collaboration with local community or organizations (1 pt) and collaborate with at least one. (2 pts)	3	
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	
	B) Conduct a formal quantitative site survey including plants, animals and habitats.	10	
	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	
	D) Establish a system for ongoing Biodiversity monitoring and share your methodology with the Challenge.	10	
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	
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	
7. Biodiversity Actions Total Points			10	0
Grand Total Biodiversity Scorecard Points			130	0