

2021  
ST. LOUIS  
GREEN BUSINESS  
CHALLENGE



# Accomplishments and Innovations



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# ST. LOUIS GREEN BUSINESS CHALLENGE CLASS OF 2021

## APPRENTICE

Blackrock Consulting LLC

Integrated Facilities Services

Lori L. Strawbridge,  
Certified Public Accountant

## GREEN CITIES

City of Alton, Illinois

City of Edwardsville, Illinois

City of Highland, Illinois

City of Brentwood, Missouri

Village of Glen Carbon, Illinois

City of Webster Groves, Missouri

City of Clayton, Missouri

Village of Godfrey, Illinois

City of Wentzville, Missouri

City of Collinsville, Illinois

City of Granite City, Illinois

City of Wildwood, Missouri

## LEADER

Focal Pointe Outdoor Solutions, Inc.

Regions Bank

Saint Louis Science Center

Illini Environmental

Roeslein and Associates

St. Patrick Center

MTM, Inc.

Saint Louis Art Museum

Thompson Coburn LLP

Quiet Village Landscaping

## CHAMPION

Ameren Missouri

Madison County Building & Zoning

Safety National

Bayer

Maritz

Saint Louis Zoo

Bethesda Health Group, Inc

Missouri American Water

St. Louis Cardinals

COCA

Missouri Botanical Garden

StraightUp Solar

Cortex Innovation Community

Missouri Historical Society

Tarlton

Curium

MRC – Midwest Recycling Center

Graybar

RBO PrintLogistix

## SUSTAINING SPONSORS

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RideFinders and Madison County Transit



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# 2021 ST. LOUIS GREEN BUSINESS CHALLENGE

The 2021 St. Louis Green Business Challenge, a program of the Missouri Botanical Garden, delivers Triple Bottom Line results (fiscal, social and environmental) to businesses of all types and sizes across the St. Louis region. The Challenge supports integration of sustainability measures into the kinds of everyday operational practices common to every business. Participants identify and adopt strategies that improve financial performance and engage employees in voluntary measures to reduce environmental impacts.

Since the program launched in 2010, 250 businesses, non-profits and municipalities have joined the Challenge. This participation has engaged over 155,000 employees and nearly 470,000 residents for a total of over 620,000 individuals influenced by this work. Ongoing sustainability commitment is strong: 60% of these companies have participated in the challenge for two or more years, 45% for three years or more.



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## CHALLENGE 2021 BY THE NUMBERS

45 companies, non-profits, institutions, and governments participated the Challenge.

100%	of participants have formed a <b>Green Team</b> to lead sustainability efforts
100%	have established a <b>Sustainability Policy</b> or <b>Sustainability Guidelines</b>
100%	kept up or started <b>Workplace Recycling</b> , even during remote working
100%	kept up <b>Sustainability Communications</b> with colleagues or constituents
100%	continued or added to <b>Special Waste Stream Recycling</b>
95%	provided <b>Green Learning</b> opportunities or <b>Green-At-Home</b> resources
93%	continued or implemented <b>Sustainable Purchasing</b>
91%	promoted and/or contributed to <b>Food Bank Donations</b>
88%	supported <b>Environmental Action</b> , contributing service, goods, or cash
82%	participated in three or more <b>Challenge Seminars</b>
80%	promoted <b>Nature Connections</b> , including use of <b>Native Landscaping</b>
77%	continued or increased <b>Tracking and Reporting</b> of resource usage
73%	reported <b>B-to-B Relationships</b> with other Challenge participants
73%	actively promoted <b>Wellness</b> , in addition to COVID safety
62%	promoted or actively supported <b>Green Transportation</b> options
60%	experienced a <b>Business Advantage</b> from sustainability engagement
55%	achieved or renewed <b>Green Certifications</b> for buildings or operations
28%	continued to have a significant number of employees <b>Working Remotely</b>



## ABOUT THE CHALLENGE

The St. Louis Green Business Challenge, a program of the Missouri Botanical Garden, assists companies in integrating sustainable measures into their daily operations. Initiated in partnership with the St. Louis Regional Chamber, the Challenge leveraged the Chamber's broad business network and the Garden's sustainability resources to grow a network of companies committed to green policy and practice.

Now in its 12th year, Challenge activity influences the business, educational, governmental, and non-profit sectors of the St. Louis regional economy. The program works for building owners and tenants, supporting companies new to the concept of sustainable business operations and those already engaged and ready to fully integrate sustainable options.

Challenge companies benefit from customized coaching, including site visits and ongoing phone and email support provided by expert staff of the EarthWays Center, the

Missouri Botanical Garden's sustainability division. These services support Challenge participants in evaluating and implementing sustainability options in ways that optimize outcomes, cost-effectiveness and engagement, in alignment with each company's goals and culture.

Company Green Team leaders meet regularly to share their best practices, processes and outcomes, and learn new strategies. The Challenge eNewsletter recaps these seminar presentations and circulates community-wide resources and program updates. An online resource bank provides examples of policies, surveys, communication tools and best practices that are generously shared by Challenge participants. These frequent Challenge activities and regular communications maintain a robust regional professional network of sustainability leaders, representing a wide range of career specializations.

## 2021 SPECIAL FEATURES



Virtual **Kickoff Seminar** in March hosted Jason Hall, CEO of **Greater St. Louis Inc.**, for an overview of the Jobs 2030 Regional Plan. A panel from Challenge companies **StraightUp Solar** and **Focal Pointe Outdoor Solutions**, with **Renew Missouri** and **St. Louis Community College Horticulture Program**, discussed Green Collar Job needs and opportunities.



Sponsored and promoted the **Mississippi River Plastic Pollution Initiative**, a Community Science pilot evaluating plastic waste in our watershed, using the mobile app Marine Debris Tracker. Outcomes are informing pollution reduction action.

In partnership with **St. Patrick Center**, the Challenge launched local use of **Roots of Success**, a nationally recognized environmental literacy and job training program that prepares adults and youth for Green Jobs and career pathways, and grows leadership to improve community health and resilience.

Transformed the grounds of **Haven of Grace** with a native plant partnership project. **St. Patrick Center** clients dug into an on-the-job training. **Focal Pointe's** Cody Azotea designed the garden and led the crew. Challenge staff coordinated, with donations from **Forest ReLEAF of Missouri** and **Brightside**. Biodiverse beauty now surrounds the women and children served by this non-profit's new Grace Garden.



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## GREEN BUSINESS CHALLENGE LEVELS

**Challenge Apprentice** companies choose action items from a menu of basic sustainability policies and practices to start the process of greening business operations. In 2021, Apprentice companies formed green teams, adopted sustainability policies, converted to purchasing recycled-content office and janitorial paper products, installed high efficiency lighting and identified alternative transportation options. Apprentice participants meet twice, for a “Sustainability 101” training seminar and a report-out session to learn from peers’ experience and achievements.

**Challenge Leader** participants work with a categorized, point-based Scorecard (described below) to guide their choices of activity. Leaders submit scores twice during the Challenge year: a Baseline Score of existing measures and a Final Score tallying all strategies in place within the year. Each company competes with itself to achieve the greatest gain.

**Challenge Champion** companies are those that have completed work with the Leader scorecard in past years and commit to continued implementation of deeper sustainability strategies. Champions work with a scorecard that guides advanced efforts such as completing a greenhouse gas inventory, reducing energy use by at least 25%, and striving toward a 75% or greater waste diversion rate. Challenge Champions may also elect to develop and report on an Innovation Project around internal greening efforts or their public or client-facing work.

**Green Cities Challenge** participants address sustainability within the range of operational requirements unique to local governments. Participating municipalities incorporated sustainability policy and practice fundamentals, including addressing measures defined by OneSTL, the regional plan for sustainable development.

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## THE CHALLENGE SCORECARD—A ROAD MAP OF STRATEGIES

Challenge scorecards detail a comprehensive range of sustainability options that address the kinds of operations common to every business. Each company earns points by acting on their selected strategies, at Leader and Champion levels. Participants can choose to:

Conduct **outreach** by expanding the culture of sustainability within and outside the organization (green teams, purchasing policies, internal and customer/public communications, community partnerships).

Conserve **energy** (energy efficiency in HVAC, equipment and lighting, renewable energy).

Improve **indoor environmental quality** (air quality, green cleaning, workplace comfort).

Reduce **waste** (recycling, paper reduction, food service, disposables).

Conserve **water** (fixture conservation, stormwater management).

Provide **clean transportation alternatives** (carpooling, bike-to-work, transit, travel).

In addition, unique Challenge components engage companies in special regional initiatives:

**Better Building Through Benchmarking** is a regional project organized by the U.S. Green Building Council – Missouri

Gateway Chapter to increase the square footage of third-party verified green space in the St. Louis region. Companies are encouraged to benchmark their building energy using ENERGY STAR benchmarking tools. This Challenge component also encourages the exploration of LEED, SITES, WELL, True Zero-Waste, BCorp, and other certification programs.

**Better Business Through Biodiversity** engages companies with strategies to evaluate and improve factors affecting natural habitat. This Challenge focus significantly contributes to BiodiverseCity St. Louis, a community-wide initiative to connect people to nature and to promote, protect and plan for biodiversity throughout the region. Challenge teams work to identify biodiversity assets in property and personnel, and to better understand impacts each company has on plants, animals and habitat.

**Mini-Challenges** encourage advanced efforts in:

**Employee Engagement**, through community service, “Taking Green Home” tips and more.

**Alternative Transportation**, through cycling, transit use, car-sharing and carpooling.

**Recycle Responsibly**, advancing regional waste minimization goals and correct practices.

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## WINNING THE CHALLENGE

Throughout the first decade of Challenge work, each participant has competed with itself to boost sustainability performance, as tallied by Scorecard points. Awards of Achievement have annually recognized work by all. Awards of Merit have honored companies with Most Points Gained.

In this 12th year, as COVID-19 workarounds continued to limit the effectiveness of point-based Scorecard use, Green Teams

across the program rose to the challenge of continuing and growing sustainable practice. Challenge 2021 participants will all receive the same award: honoring commitment, persistence, and resourceful action, in routine operations and innovative projects. The award graphically affirms the “deep roots” of sustainability grown through our collective efforts, across our regional economy.

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## ABOUT THE AWARDS

The St. Louis Green Business Challenge Awards are designed by Stan Gellman Graphic Design. The 2021 awards are printed on chipboard with foil stamping accents highlighting the year and our iconic Gateway Arch.

Material choices embody design industry green awareness: VOC-free, recycled content chipboard; non-emitting solvent-free inks; foil stamping that is RoHS Compliant (Restrictive of Hazardous Substances Directive) and free of the 191 substances on the Candidate List of Substances of Very High Concern (SVHC). Previous years’ designs incorporated sustainably produced bamboo, reclaimed aluminum printing plates, and recycled cork tiles.

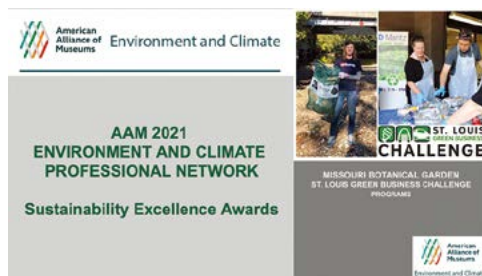
Sustainable creativity at Stan Gellman Graphic Design has contributed immeasurably to the capacity of the Challenge to recognize company achievements over all 12 program years. We are proud that SGGD was recognized in 2011, 2014, 2017 and 2020 from Graphic Design USA for their Challenge Award design work.



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## 2021 CHALLENGE RECOGNITION AND OUTREACH

The **American Alliance of Museums** honored the St. Louis Green Business Challenge with a **Sustainability Excellence Award**



**Award** in the Programs category. A presentation by Challenge manager Jean Ponzi shared program process, participant achievements, and transferable elements with a national audience of museum professionals.

Weekly **Virtual Brown Bag Seminars** continued, showcasing the work and resources of Challenge participants and community partners. Concise half-hour talks are archived online with descriptions and related links, for efficient sharing by Green Teams with their colleagues and constituents. Virtual Brown Bag has presented **71 programs with nearly 4,500 views** since launch in April 2020. To be continued!

**LinkedIn Challenge Group** discussion and tagging promotes business sustainability resources, and the work of Challenge participants.





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*We strive to ensure all customers, including the underserved and vulnerable, will benefit from our efforts. Growing energy efficiency programs to include more St. Louis homes and businesses of all sizes saves money, energy and brings us closer to our net-zero carbon emissions goal.*

Gwen Mizell  
 Vice President of Innovation,  
 Chief Sustainability Officer



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## CHAMPION INNOVATION PROJECT

### Leading the Way to a Sustainable Energy Future

#### Measurable Elements

- Added 700 MW of wind power in 2021 toward our goal of net-zero carbon emissions by 2050 target.
- Since October 2020, Ameren Missouri residential customers have received 17,279 zero cost Sensi and Nest smart thermostats to help control their energy use and save money.
- Water reduction goal targets 95% reduction in withdrawn water for thermal generation by 2050.
- Established a Supply Chain Sustainability Department that has already engaged 92 top suppliers to discuss increasing focus on sustainable action within our supply chain.



#### Qualitative Elements

- Developed and published policies related to human rights and water.
- Updated the Supplier Code of Conduct to continue formalizing the internalization and defining of Environmental, Social and Governance (ESG) topics.
- New Sustainability Employee Resource Group (SERG) hosted a three-talk Biodiversity lunch and learn series and a company-wide virtual Sustainability scavenger hunt with special SERG stickers to submit photos of items.
- Supported successful launch of the St. Louis Vehicle Electrification Rides for Senior (SILVERS) EV Program with charging station construction incentives to continue electrification efforts in underserved communities.





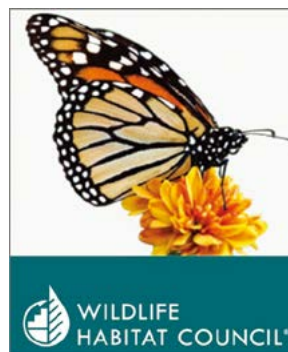
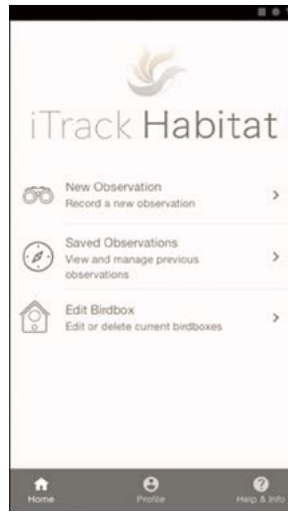
Christina R. Allen | Environmental Specialist, Facility and Lab Operations  
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700 Chesterfield Parkway West, Chesterfield, MO 63017  
Owner – 4,035,338 ft<sup>2</sup>  
www.bayer.com

## CHAMPION INNOVATION PROJECT

### Creation of iTrack Habitat

#### Measurable Elements

- Combined web app and cross-platform mobile app records new observations and can view saved observations.
- Observation information needs to be flexible and configurable.
- Mobile data collection supports recording multiple observations:
  - › Box name, box location, bird type, nest, number of eggs, number of fledglings.
- About 2,604 hours have been invested thus far; we expect taking another 400 hours to complete.
- The cost was absorbed internally, and time invested has all been contributed by volunteers.
- Can assist the 40 Wildlife Habitat Council certified Bayer locations with species ID and field record-keeping.



#### Qualitative Elements

- New global, open-source software system, iTrack Habitat, is being piloted at Bayer St. Louis sites with observations of Blue Bird nesting and habitat.
- Partnered with high school students from Parkway Spark! Technology Solutions for coding and testing.
- Serverless infrastructure to keep cost down.
- Support for both iOS and Android.
- Enabling access from a non-Bayer device.
  - › All users must have an @Bayer.com validated email to use the app; needs to be configured for others that use the code base.
- This project is intended for eventual use for on Bayer properties globally, in company and contractor BioBlitz events, to facilitate habitat data collection toward WHC recertification, and overall stewardship of biodiversity.



### CHAMPION INNOVATION PROJECT

“

*At Bayer's St. Louis locations we are continuously working to reduce the environmental impact of our sites. We do this by creating and maintaining habitats for native species to flourish, emphasizing the importance of proper recycling to reduce our environmental footprint, and conserving energy and water.*

Justin Prien  
PE, ISSP-CSP



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Michael J. Scherrer | Director of Administrative Services  
 mjscherrer@bethesdahealth.org | 314-800-1944  
 1630 Des Peres Road, Suite 290, St. Louis, MO 63131  
 Owner – 12 sites, 1.3 million ft<sup>2</sup> combined  
 www.bethesdahealth.org



**CHAMPION  
LEVEL**

“

*Despite the pandemic, Bethesda has continued to emphasize facilitation of environmentally sound activity throughout our organization. Success of this effort is due to the collaboration and participation from employees, volunteers, and residents and their families. Their willingness to prioritize sustainability amidst all of the pandemic-related challenges we face every day is a tribute to them and our entire organization, and an effort of which I am very proud.*

Joseph J. Brinker  
 President and Chief Executive  
 Officer



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## Accomplishments

- Retubed 30-year-old boiler at the Dilworth location, which will increase the heating transfer rate and operating efficiency.
- Replaced 20-year-old walk in cooler/freezer at the Terrace location with a more energy efficient unit.
- Replaced 30-year-old cooling tower at the Dilworth location on the Rehab Building with one that has better operating efficiency.



## Innovations

- Installed a Dog Park at our Terrace location to encourage residents and their pets to utilize green spaces, which also helps reduce use of chemical fertilizer for these spaces.
- Replaced 179 windows with higher efficiency windows at our Orchard location.
- As renovations of the apartments continue, we are continuing to upgrade the lighting to LED.



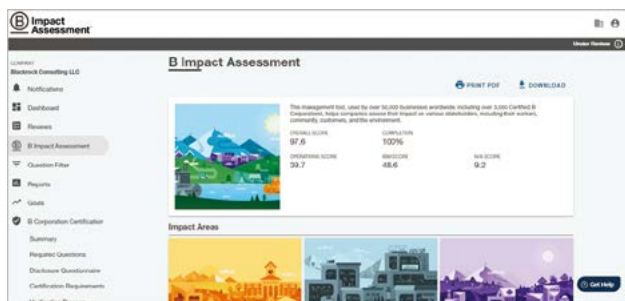
## Accomplishments

- Formed a Green Team.
- Installed on-site renewable energy.
- Completed a greenhouse gas inventory for our company.
- Hosted a company service day.
- Held an educational session for employees to learn more about B Corporations: how B Corp certification aligns with our values, and what certification entails.



## Innovations

- Applied for B Corporation certification in June. We're in the verification stage of assessment at the end of Challenge working period, anticipating becoming certified as a B Corporation by end of 2021.
- Created our first Employee Handbook, which includes:
  - › 100% travel emissions offset policy;
  - › Virtual office stewardship policy;
  - › Purchasing policy including ENERGY STAR electronics and FSC certified 30% post-consumer recycled paper;
  - › 100% offset policy for home office energy use;
  - › Corporate giving policy;
  - › Volunteering and community service policy.
- Offered Environmental Justice Training to clients and community partners and promoted this service to fellow Challenge companies through a Virtual Brown Bag seminar presentation.



**APPRENTICE LEVEL**

“

*It was exciting to have an incentive to put into policy many of our sustainability and social equity values. While our practices reflected many of these values already, committing to the Green Business Challenge for the first time this year pushed us to consider what more we could do right now.*

Lacy Cagle  
Director of Operations



**ST. LOUIS GREEN BUSINESS CHALLENGE**

is a program of:

 MISSOURI BOTANICAL GARDEN





Greg Caffey | Director of Planning & Development  
 gcaffey@cityofaltonil.com | 618-463-3801  
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 www.cityofaltonil.com



“

*The Alton Cool City Committee strives for a greener community now and for the future. The biggest challenges we face, climate change and increasing gaps of income inequality, are inescapably hitched together. We live in complex, challenging times. With every tree planted and each street redesigned to be pedestrian and bike friendly, with each new solar installation and restoration of a historic building, and with every public meeting attended to address racism, sexism, or sustainability we contribute to a community strong with nature's vitality and healthy neighborhoods for all people.*

Greg Caffey  
 Director of Planning &  
 Development



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## Accomplishments

- Submitted an Illinois Solar For All (ILSFA) Environmental Justice Community Self-Designation application.
- Completed the 2021 CDP – ICLEI Unified Report.
- Maintained EPA Green Power Communities Partnership.
- Initiated analysis of various public buildings for energy efficiency improvements.



## Innovations

- Executed an Option Agreement with Ameresco, Inc. for the development of a solar farm at the former Alby Street landfill.
- Opened the Alton Splash Pad Park with nature-inspired play areas and interpretive displays regarding the Mississippi River and water stewardship.
- Amended our refuse collection agreement with Republic Services to allow greater utilization of recycling bins, bulk pickup, and year-round yard waste collection.



## Accomplishments

- Launched a city-wide composting program for residents.
- Planted 89 trees to help rebuild urban forest.
- Partnered with Grow Solar St. Louis to promote solar group-buy program; hosted a Grow Solar Power Hour virtual program.
- Installed a bike repair station and new bike hoop.
- Hosted four residential paper shredding events.
- Offered environmental education opportunity for youth and adults in each Parks & Recreation brochure.
- Prepared an RFP to complete energy audits for every municipal facility, planned for completion in 2022.
- Educated residents about recycling and other sustainable practices through social media, newsletters and website.
- Completed an ADA-compliant trail that includes use of porous and flexible Rubberway, partially composed of recycled rubber tires.



“

*The City of Brentwood's commitment to sustainability shapes our operations and our future planning. Our new Sustainability Commission began work, led by five residents and two elected officials, with initial progress on a city-wide Sustainability Plan. Each city department continues to set goals and objectives related to sustainability. As a Green Cities Challenge participant for the second year, we strive to keep learning and incorporating green practices.*

David A. Dimmitt  
Mayor, City of Brentwood

## Innovations

- Installed four free public Electric Vehicle Chargers.
- Adopted stormwater management requirements for all new and infill residential development.
- Hosted four electronics recycling drives.
- Parks & Recreation Department purchased an electric mower, the first city fleet electric vehicle.
- Continued progress on Brentwood Bound, the major flood mitigation project that will restore floodplain, add trails and greenspaces, and link multiple parks in a highly visible location.
- Received \$300,000 grant from Missouri Department of Resources for design and construction of an extended wetland pond north of Deer Creek and Black Creek confluence.



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*The City of Clayton has a strong record of valuing sustainability. Recycling programs, use of rain gardens, a city-wide smoking ban, and commitment to green building design are embedded in our culture and operations. Green Cities Challenge has helped to focus our efforts and identify priorities, including updating our Parks Master Plan, implementing a new Bicycle and Pedestrian Plan, and appreciating progress to reduce our carbon footprint. Led by our Sustainability Committee, we will continue to prioritize green practices, identifying additional ways Clayton can continue to be a sustainability leader in the St. Louis region.*

Michelle Harris  
 Mayor, City of Clayton



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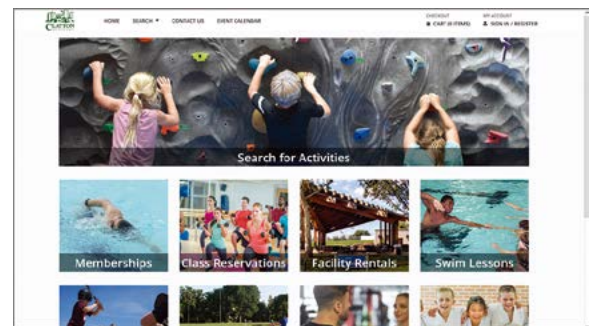
## Accomplishments

- Parks & Recreation Dept. has begun replacing HPS lights in the parks with LED light bulbs. Public Works Dept. replaced compact fluorescents in City Hall with LEDs. Both projects took advantage of Ameren rebates.
- Public Works has been recycling concrete, asphalt, and steel on its construction projects since 2009, diverting over 35,000 tons of construction materials from landfills.
- In 2021, the Parks and Public Works Superintendents took a new approach to storm clean-up. Typically these departments work independently. However, they determined that clearing streets, sidewalks, and parks by area of Clayton as one coordinated unit would result in improved efficiencies. Efficiencies included a significant reduction in miles driven in addition to labor costs, reducing emissions.



## Innovations

- Clayton transitioned to online operations for many functions that used to take place in person, saving paper and other office supplies and reducing business trips to our facilities and the associated emissions.
- Consolidated mowing contracts from Public Works and Parks & Recreation Departments to reduce the number of contractors working in the city, thereby reducing vehicles and equipment and associated emissions.
- Replaced two R-22 AC chiller units at City Hall-Fire Station with R-410A. R22 is one of the last ozone-depleting hydrochlorofluorocarbon substances still commonly used. R410A, not a hydrochlorofluorocarbon, absorbs and releases heat better than R22, making it more energy efficient.
- Setbacks are used afterhours and weekends in City Hall to further increase energy savings.



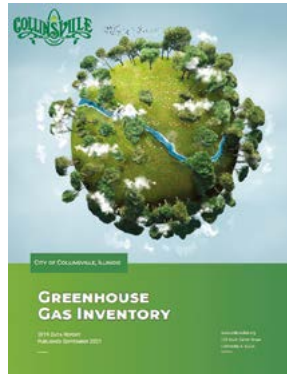




Derek Jackson | Deputy City Manager  
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 www.collinsvilleil.org

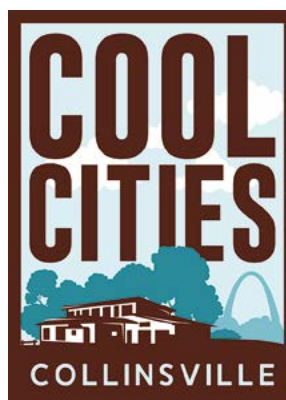
## Accomplishments

- Conducted the city's first Greenhouse Gas Inventory for the year 2019, capturing both community-wide and government operational emissions.
- The GGI will contribute to Collinsville's Sustainability Plan with a baseline for measuring future progress on reducing greenhouse gas emissions and identifying targets for emission reduction.
- Collinsville intends to update the inventory every three years to measure progress.



## Innovations

- Hosted a community invasive species sweep at Woodland Park to remove bush honeysuckle. Residents and students from Collinsville High School volunteered to work the event.
- The event provided an educational opportunity for staff from Willoughby Heritage Farm to inform volunteers why invasive species are detrimental to the environment and how to properly remove and replace them.
- Created a Green Recognition program to spotlight the efforts of local businesses and institutions that have implemented sustainable practices.
  - › Recipients received a certificate of recognition, and the city created a video promoting their accomplishments.
  - › At the end of the year the Cool Cities Committee votes for the Green Business of the Year, to be honored at the annual Collinsville Community Awards Banquet.



“

*The City of Collinsville looks forward to participating in the St. Louis Green Business Challenge every year. The Challenge provides an opportunity to network with staff from surrounding municipalities and share ideas for how we can improve the quality of life in the communities we serve.*

Derek Jackson  
 Deputy City Manager



is a program of:





“

*I would like to see the City of Edwardsville take climate change seriously and try everything we can to push green ideas.*

Janet Stack  
 Edwardsville City Alderwoman  
 Ward 3



is a program of:



## Accomplishments

- Adoption of a City Sustainability Plan.
- Addition of two plots of conservation land to be reserved as city green spaces:
  - › 35 acres along MCT bicycle trails near the Richard's Brick Company;
  - › 20 acres within the Cahokia Creek Flood Plain off Liberty Street.
- Second year of success with discontinuation of citywide fogging for mosquitoes.
- Adoption of a resolution requiring 50% of new plantings on city property to be native plantings.

## Innovations

- 10 cent single-use bag fee required for all stores over 7,000 square feet.
- Honorable Mention award from the League of American Bicyclists, and creation of a city appointed Bicycle Committee to encourage cycling and citywide bicycle access.
- Application of the newly adopted Sustainability Plan to the planning and construction of the new fire station.







Jamie Bowden | Village Administrator  
jbowden@glen-carbon.il.us | 618-288-2614  
PO BOX 757, Glen Carbon, IL 62034  
Population: 13,800  
www.glen-carbon.il.us

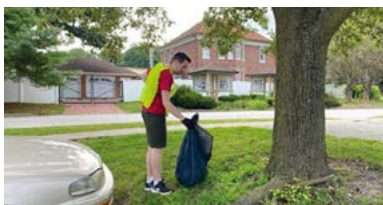
## Accomplishments

- With Cool Cities Committee assistance, after Covid shutdowns, the village reopened the Community Garden.
- Continued vigorous promotion of the Grow Solar Metro East program.
- Cool Cities started and participated in Adopt-A-Highway Program.



## Innovations

- Utilization of a compost bin at the Community Garden.
- Cool Cities educational participation in multiple community events.
- Promoted sustainability at Glen Fest with distribution of wildflower seeds, re-usable bags, recycling resources, solar power information.
- Cool Cities continued advocating for sustainability through the Village Newsletter and social media.



**GREEN CITIES  
CHALLENGE**

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*It is refreshing that a Village of our size has community members with concern about issues that affect the global community, who are reasonable and effective in action in a local approach.*

Jamie Bowden  
Village Administrator



is a program of:





“

*The Green Cities Challenge is an effective tool to help our community develop, implement, and track our sustainability goals as set forth by the Village of Godfrey's Sustainability Plan.*

Bethany Bohn  
Village Clerk



is a program of:



## Accomplishments

- Co-hosted Trees Forever Tree Walk in LaVista Park.
- Hosted annual Shred-It paper drive for residents.
- Planning and developing Traffic Circle at Pierce Lane, Lars Hoffman Drive and Airport Road.
- Co-hosted a Grow Solar Metro East Power Hour.



## Innovations

- LaVista Park stream bank remediation using nature-based solutions and native plants.
- Forming an advisory committee to obtain Tree City USA designation.
- Developing one-acre prairie plot with educational kiosk in LaVista Park.







Craig Knight | Risk Manager  
cknight@granitecity.illinois.gov | 618-452-6206  
2000 Edison Avenue, Granite City, IL 62040-0073  
Population: 28,170  
www.granitecity.illinois.gov

## Accomplishments

- Partnered with Madison County to support Mississippi River Plastics Pollution Project in an Earth Day Clean Up at Chain of Rock Bridge, and other clean up events.
- Supported Grow Solar Metro-East by passing out cards and flyers, displaying yard signs, and promoting educational seminars on Cool Cities Committee's webpage, alerting residents to incentive to curb emissions and save money with solar power installations.
- Completed a GIFA Grant in 2021 with three Cool Cities members who are Master Gardeners through University of Illinois and partnered with the SNAP program to provide fresh home-grown vegetables for our local food pantry.
- Partnered with Granite City Downtown Committee to plant native trees and plants to manage stormwater, improve air quality, and beautify the community.



## Innovations

- Emily Ehley, Field Coordinator for Trees Forever, led us in educational tree projects: tree identification, benefits, planting, and maintenance. She led us on Tree Walks, where a member of our team earned their Master Naturalist Certification.
- Conducted a Wetlands Mitigation Reforestation Project to replace trees that did not survive with trees from Heartlands Conservancy and Granite City Art and Design District, partnering with SIU-E students and Anderson Hospital nurses.
- Partnered with Boy Scouts of America to plant trees at two schools this fall and more schools in the spring.
- Created a Facebook page for the Cool Cities Committee to share information, green events, and our sustainable achievements with the public.



**GREEN CITIES  
CHALLENGE**

“

*The Cool Cities Committee continues to promote and inspire projects that are at the core of Granite City's mission, Thinking Globally and Acting Locally.*

Mike Parkinson  
Mayor of Granite City, Illinois



 **ST. LOUIS™  
GREEN BUSINESS  
CHALLENGE**

is a program of:

 **MISSOURI BOTANICAL GARDEN**





Mark Rosen | Director of Parks and Recreation  
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 1 Nagel Drive, P.O. Box 218, Highland, IL 62249  
 7.6 mi<sup>2</sup>  
 www.highlandil.gov



## GREEN CITIES CHALLENGE

“

*The City of Highland is committed to the sustainability of Silver Lake because it is the lifeline to the future of our community. Completed in 1962 as a result of the 1954 drought, Highland is grateful to our past city leadership that had the forethought to see Silver Lake become a lasting water supply for future generations.*

Mark Rosen  
 Director of Parks and  
 Recreation



is a program of:



## Accomplishments

- In partnership with Heartlands Conservancy, Highland was awarded a Section 319 grant to utilize Nonpoint Source Management Program funds to implement best management practices from the Highland Silver Lake Watershed Plan, developed by HDR Engineering in 2011.
- Maximized the use of funds to implement a second round of funding. There were 22 agreements/partnerships between landowners, the Village of Grantfork and City of Highland.
- Significant reduction in pollutants entering Silver Lake: decreased 2,794 pounds phosphate per year, 5,211 pounds nitrogen per year, 3,132 tons less sediment per year.



## Innovations

- Reconstructed a peninsula with rip-rap that acted as a jetty during large storm events.
- Constructed a wetland restoration site and removed, at a minimum on this site, five acres of invasive plant species.
- Constructed a one-acre retention pond adjacent to the wetland, to trap sediment while doubling as a fish-rearing pond where fish are raised before being released into Silver Lake.
- Demonstrated the ability for public/private conservation partnerships to succeed.



## Accomplishments

- Leased goats to reduce invasive species.
- Established N/S and E/W bike lane corridors to be marked.
- Monitored plans for large development.
- Refreshed recycling program in parks.



## Innovations

- Determined need and development path for a Webster Groves Sustainability Plan.
- Developed strategy for building plan.
- Engaged with businesses and residents on sustainability values.



## GREEN CITIES CHALLENGE

“

*The Sustainability Commission has focused our work this year on building a Sustainability Plan for the City of Webster Groves. Through the connections made at the Green Cities Challenge launch workshop, we have set out to build on the excellent existing plans in our region, creating a plan that speaks to the unique needs of Webster Groves. The Challenge has added immense value throughout the early planning, connecting us to fellow municipal sustainability leaders in our region. The Commission is so grateful for the spirit of collaboration from all involved in Green Cities Challenge.*

Jamie Hasemeier  
 Sustainability Commission  
 Chairperson



is a program of:







## GREEN CITIES CHALLENGE

“

*The City of Wentzville is proud to support the mission of the Green Cities Challenge. Wentzville's Employee Green Team works with other city staff to make sustainability a top priority. The city focuses on reducing its environmental impact through the implementation of green initiatives and programs. Wentzville further solidifies its commitment to incorporating sustainability measures into everyday operational practices by participating year over year in the Green Cities Challenge.*

Nick Guccione  
Mayor



is a program of:



## Accomplishments

- Lighting Ordinance specifies that new exterior lighting fixtures installed for multi-family, office, commercial or industrial developments shall utilize LED lamps and cutoff/full cutoff designs to ensure that no light is emitted above a horizontal plane.
- The Wentzville Green Ambassadors program engages businesses and institutions in promoting sustainable practices. Participants will report on initiatives to receive marketing items, a spotlight in a city publication, and resources and opportunities for engagement in the community.
- Biz, a city publication which goes to local businesses, and the Fun Times, a Parks and Recreation publication, went paperless this year.
- Working on a digital asset management, workflow and permitting system to eliminate the need for all paper files.



## Innovations

- Conducted Protect Our Waterways campaign, sharing tips via social media for five weeks to help residents do their part to make sure that “only rain goes down the drain.”
- #HelpHeartland program focuses on educating and engaging Wentzville residents and businesses to prevent stream litter pollution. Heartland Park collects water from the city's busiest commercial area, roughly 500 acres. The campaign includes volunteer activities, storm drain marking, litter prevention social media posts, and outreach with local businesses.
- Watershed & Creek signage planned to be installed in commercial area to raise awareness of the natural resources in our community and prevent stream pollution.





WILDWOOD®

Michelle Scherer | Administrative Assistant of Public Works  
michelle@cityofwildwood.com | 636-458-0440 x 155  
16860 Main Street, Wildwood, MO 63040  
Population: 35,000 | 68 mi<sup>2</sup>  
www.cityofwildwood.com

## Accomplishments

- Wildwood removed invasive vegetation on five acres at Belleview Farms Park and followed with native plant restoration. Trail construction is in progress.
- Gateway Outdoor Cyclists and Friends of Belleview Farms have removed invasive plants on 20 additional acres.
- Six hundred willow stakes were planted in the stone rip-rap after construction of the new Bonhomme Creek Bridge, to reduce erosion and impact from construction.
- Held an Arbor Day event and gave away 400 native plant and tree seedlings, provided by MDC.
- Performed an ash tree survey of street trees, affected by the Emerald Ash Borer. This list is being used to proactively remove or treat the ash trees from the city's street tree inventory. Replanting efforts are in process.
- Applied for and received a TRIM Grant to conduct a complete street tree inventory of public streets.



GREEN CITIES  
CHALLENGE

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*Wildwood is one of the largest municipalities in Missouri and St. Louis County in land mass. We've shown that it's possible to develop businesses and build homes, while protecting the beauty and space of our land.*

Jim Bowlin  
Mayor

## Innovations

- Wildwood Business Association introduced the Bicycle Benefits Program in June 2021, offering discounts and incentives for community members who bike or walk to local businesses.
- Cabin Fever Hiking Challenge tallied 277 hikers completing the three hikes. This usually one-day event has been transformed into an independent three-month multi-hike event, where hikers participated in multiple hikes over a period of time, took selfies at challenge checkpoints and received a free City of Wildwood T-shirt for completing all hikes.
- Watershed Erosion Task force has identified and evaluated 17 sites for significant erosion issues. Of those sites, six have been prioritized to implement erosion control measures.



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 MISSOURI BOTANICAL GARDEN





Amanda Snow | Director of Facilities & Operations  
asnow@cocastl.org | 314-561-4891  
6880 Washington Avenue, St. Louis, MO 63130  
Owner – 88,986 ft<sup>2</sup>  
www.cocastl.org



“

*At COCA we are committed to building a stronger, healthier community and using our resources wisely, which includes caring for the environment in which we do our work. Our Green Team has done a great job celebrating what we are already doing right, and identifying opportunities to grow our sustainability initiatives in creative ways.*

Amanda Snow  
Director of Facilities &  
Operations



is a program of:



## Accomplishments

- Replenished COCA's stock of reusable water bottles to promote the use of the facility's water bottle filling stations. On-site filling stations have helped eliminate 60,724 disposable plastic water bottles to date.
- Participated in Ameren Missouri's BizSavers program for energy efficiency improvements and saved \$7,705 in incentives.
- Phased out purchasing of fluorescent light bulbs in the historic Kuehner Wing. All facility lighting fixtures now equipped to handle LED energy efficient bulbs.



## Innovations

- COCA staff continue operating in a hybrid work environment, where employees are able to work remotely as needed, cutting down employee commutes and travel and reducing greenhouse gas emissions.
- Promoted sustainability through Youth Arts Education, by integrating Green themes into a portion of our summer camp programs.
- Some of COCA's summer camps included gardening themes where young participants explored gardens through art, stories, and planting, as well as upcycle camps where students pushed the boundaries of creativity through the repurposing of books, clothing, and other items.
- Reduce, Reuse and Recycle themes highly promoted during COCA's annual Cleanup Day.
- Donated unneeded office supplies and recycled about a half-ton of paper products.





## Accomplishments

- Partnered with Native Landscape Solutions to plant native Missouri prairie grass to help restore biodiversity and soil health to a section of the Cortex Commons, hand seeded in December 2020 by members of the Cortex community.
- Partnered with PocketParks to create a sunflower field on the long vacant block at Forest Park and Vandeventer Avenues.
- Cortex and CIC partnered on organizing a trash pick-up event for the 200 acre district, attended by district tenants, and CIC and Cortex staff.
- Installed eight EV chargers in the garage on the first floor.
- Continued contract with locally owned Clean Air Lawn Care for zero emissions landscaping using all-electric equipment, organic and low-impact practices.



## Innovations

- The Cortex Sustainability Plan is being created to align with existing organizations, institutes, and municipalities after listening to a wide range of stakeholders including community leaders and members, volunteers, district tenants, staff, and board members.
- To implement the plan, Cortex will partner with many sustainability and environmentally focused organizations to add value to their ongoing initiatives and goals, while leveraging existing initiatives.
- Focuses of the Cortex Sustainability Plan are:
  - › District Building Design Standards (for tenants)
  - › Resilience & Adaptability
  - › District as a Living Laboratory
  - › Energy & Emissions
  - › Placemaking & Landscaping
  - › Waste & Circular Economy
  - › Regeneration & Living Infrastructure
  - › Health & Wellbeing
  - › Mobility & Transportation
  - › Food & Nutrition
  - › Diversity, Equity & Inclusion
  - › Beauty & Vibrancy



**CHAMPION  
LEVEL**

“

*In 2021, Cortex invested in the development of a district-wide Sustainability Plan. This framework and plan will help guide our future decision-making and provide a structure and roadmap for us to improve the health of our environment and our community. Part of our strategy is to focus on supporting and partnering with regional sustainability organizations to enhance their goals and objectives, while using our 200 acres as a hub for innovation and a testing ground for new technologies.*

Chris Considine  
 Director of District Operations



is a program of:





“

*Our sustainability story includes decades of responsible care creating systems to protect our employees, neighbors, patients and environment. Curium is committed to continue as well as expand on that tradition.*

Jennifer Janowitz  
Environmental Health and  
Safety Manager,  
Curium Maryland Heights



is a program of:



## CHAMPION INNOVATION PROJECT

### Curium Data Mining Sets the Stage for Global Sustainability Initiative

#### Measurable Elements

- Mined hundreds of data points from spreadsheets, utility bills, invoices, and calculations conducted for internally reporting environmental metrics from the last 2-3 years to document and summarize sustainability action.
- Established St. Louis site processes routinely track materials, energy, water and effluent, air emissions, waste and recycling.

#### Qualitative Elements

- St. Louis sustainability tracking measures provide a standard practice that can be implemented at other Curium sites.
- Local tracking protocols shared company-wide are facilitating corporate response to external requests for ESG information.

Looking to make positive impact on the planet & society

ESG program based on 4 key pillars	Actions already in place
<div> <div> <b>Governance:</b> Mission Ethics Risk mgmt. </div> <div> <b>Planet:</b> Air pollution Resource circularity </div> <div> <b>People:</b> Diversity &amp; Inclusion Health &amp; safety </div> <div> <b>Prosperity:</b> R&amp;D Economic contributions </div> </div>	<ul style="list-style-type: none"> <li>✓ <b>14 million lives</b> impacted each year</li> <li>✓ <b>Investment in R&amp;D</b> to address <b>patients' unmet needs</b></li> <li>✓ Strong focus on employees' <b>Health &amp; Safety</b></li> <li>✓ <b>Support to charities</b> across our key sites</li> <li>✓ Supporting <b>diversity</b> via Curium Women's Network (&gt; 125 participants)</li> <li>✓ Global <b>Code of Business Conduct</b> in place</li> <li>✓ Committed to <b>reducing waste</b> – conversion to LEU, recycling program</li> </ul>

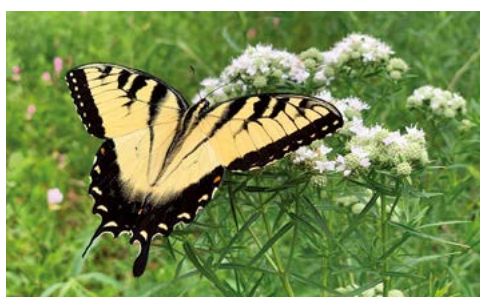
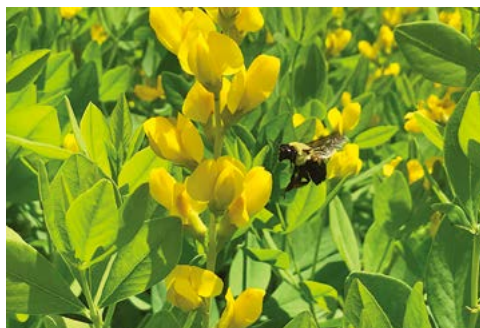


## Accomplishments

- Published our first Green Team E-Newsletter for employees.
- Native species installed for clients this year include: 594 trees, 1,363 shrubs, 17,747 perennials and 350 lbs. seed. From these 154 native species are represented and account for 72% of the total plants installed through 2021.
- Converted 33 client irrigation clocks to smart controllers with weather stations.

## Innovations

- Launched Focal Pointe University, a series of classes that will focus on both work-related and personal development topics for our team members. Classes included: Plant Identification, Pruning, Driving/CDL Prep, CPR/First Aid, Personal Finance, Nutrition, etc.
- Installed an outdoor classroom at our main branch for employees to learn firsthand different perennial plant materials and irrigation system components. 80 species of perennials were initially planted in the garden with 50% ornamental and 50% native to teach the differences between types and how to maintain.
- Collaborated with Missouri Botanical Garden, St. Patrick Center and Forest ReLeaf to design and plant native trees and perennials, herbs, and vegetables for Haven of Grace in St. Louis. Focal Pointe staff led this work as a hands-on job training for St. Patrick Center clients.



**LEADER  
LEVEL**

“

*This year, we launched Focal Pointe University with the idea of continuous improvement in everything we do. Classes in operating lean, skills to help our employees' personal lives, and options to make landscapes more sustainable, are just a few of the offerings for our team members. Whether focused on people development, operational excellence, or sustainability, it's the continuous, incremental improvements that become habits and generate sustainable results.*

John E. Munie  
Founder/President



is a program of:





“

*Empowering our communities is one of the ways we demonstrate our values as a company. Graybar is proud to support the St. Louis Foodbank and its mission of helping those in need across the area.*

Jason Casey  
Director, Corporate Real Estate Development



is a program of:



## CHAMPION INNOVATION PROJECT

### Graybar Feeds St. Louis

#### Measurable Elements

- Served 133 families, consisting of 486 unique individuals and 210 kids (under 18 years of age).
- 18, 471 meals provided.
- 20 Graybar volunteers participated.



#### Qualitative Elements

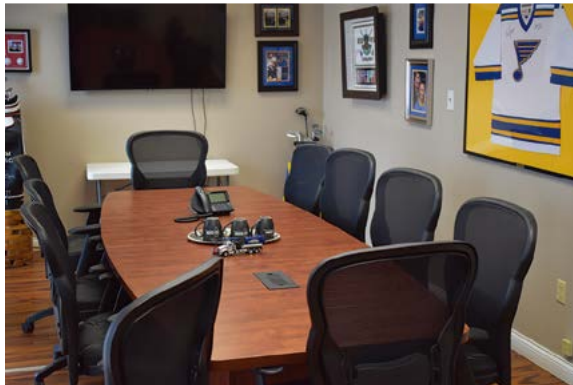
- During National Hunger Awareness Month, Graybar employees volunteered to participate in a St. Louis Foodbank Food Fair event where large quantities of food are delivered directly to communities in need.
- Focused our group volunteering power to impact our regional community in St. Louis.
- Also received food drive donations at each local Graybar building and online.
- Promoted food waste awareness for employees with a virtual presentation “Stick a Fork in Food Waste” by Maggie McCoy from EarthWays Center of Missouri Botanical Garden.





## Accomplishments

- During Covid, almost all household hazardous waste collections were put on hold in municipalities across Illinois and Missouri. Illini increased collections from employees, areal residents, and existing clients and properly disposed of material to avoid hazardous materials being inadvertently mixed with general refuse.
- Quarterly internal electronic newsletters are sent to all employees with Green Tips for all seasons.
- Continued paper reduction efforts by going digital in all available aspects of business operations.
- Stocked the office kitchen with washable glasses and mugs.
- A new filtered water system was added to the office kitchen to reduce the amount of bottled water being consumed.



“

*Participating in another year of the Green Business Challenge has been inspiring and motivating for our employees and, in turn, for our clients. As awareness grows within Illini about being better environmental stewards, we are able to pass along the knowledge to our clients, helping them find sustainable solutions. We are excited to continue learning and educating others on best practices as we look to the year ahead.*

Crystal Jones  
 Account Manager

## Innovations

- Upgraded office equipment to include scanners for each employee, cutting down the need to print and use a single community scanner.
- Implemented an electronic portal to track all worked hours, vacation and personal time requests, and other time-keeping functions to eliminate paper requests.
- Purchased new equipment to increase material types we can wash or recycle for employees and clients.
- Completed the transfer of all archived paper documents to electronic files and recycled the shredded data.



is a program of:





“

*Integrated Facility Services is committed to energy efficiency and environmentally responsible business practices, both as a builder and as citizens of our community. The Green Business Challenge allowed us to reaffirm those values and begin looking at new opportunities to improve our environmental impact.*

Chris Ruth  
MidMissouri Controls Manager



is a program of:



## Accomplishments

- Distributed sustainability education materials/classes for our employees at the workplace and at home.
- Provided a sustainability education workshop for staff.
- Installed recycling collection sites throughout the workplace.
- Eliminated Styrofoam in our company's kitchen supplies and worked with our office supply vendor to reduce Styrofoam packaging.
- Eliminated plastic bottles for use in corporate meetings and events and replaced with refillable pitchers and glasses.
- Repotted all office plants in recycled pots with recycled soil.



## Innovations

- Completed a sustainability policy for our company and shared it with employees, vendors, and supply chain.
- Established a company-approved no-idling plan at dock and driveway.
- Completed a green purchasing policy addressing office paper, janitorial paper, cleaning supplies, and catering services.
- Developed a policy to purchase only ENERGY STAR-rated computers, office equipment and kitchen equipment.
- Repotted all office plants in recycled pots with recycled soil.





## Accomplishments

- Converted to use of minimum 30% recycled content for office paper.
- Eliminated plastic bottles for use in corporate meeting and events and replaced with reusable refilling options.
- Installed recycling collection sites throughout the workplace.

## Innovations

- Formed a Green Team within the company to take on the Green Business Challenge!
- Built and installed a bench a safe distance away from building where employees can go for smoke breaks if needed.
- Offering discounted rates and making sustaining contributions to several environmentally-focused nonprofit organizations.



**APPRENTICE  
LEVEL**

“

*Participating in the Green Business Challenge has shown us that there are so many ways to make a positive impact on our environment, no matter how big or small they may seem.*

Nick Bujnak  
Staff Accountant

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 MISSOURI BOTANICAL GARDEN



“

*Madison County Building & Zoning strives to improve the quality of life for our residents, businesses, schools, and local governments through programs that foster healthy, resilient, and connected communities. Through environmental, economic, and social development activities, we continue to provide opportunities for residents to adopt healthier, happier lifestyles.*

Brandon Banks,  
Resource Management  
Coordinator



is a program of:



## CHAMPION INNOVATION PROJECT

### Building Madison County Resiliency

#### Measurable Elements

- Madison County Green Schools Program worked with 42 schools, impacting nearly 19,000 students through recycling programs, county-wide competitions, professional development opportunities, and educational resources.
- Held four electronics recycling collections that served over 1,400 households and recovered 160,000+lbs of e-Waste.
- Clean Communities program, focused on cleaning up litter, successfully distributed to residents over 1,500 resource kits including a safety vest, litter grabber, gloves, and trash bags.
- Awarded nearly \$137,000 in grant funds to 10 local government agencies and \$22,775 to 13 Madison County schools, supporting environmental projects.



#### Qualitative Elements

- Opened new Household Hazardous Waste Collection Facility in Wood River, partnering with IEPA. This site serves all Illinois residents to collect and safely dispose of paints, chemicals, pesticides, and other hazardous materials.
- Also with IEPA, Madison County provided 15 large roll off dumpsters to residents of Venice Township, Choteau Township, and Cottage Hills in a collection event for large bulk items not accepted in residential trash.
- The Mississippi River Plastic Pollution Initiative encouraged Madison County residents to get outside and clean up their community. Using the Marine Debris Tracker app, adults and youth logged litter they picked up, generating data toward understanding and tackling plastic pollution along the Mississippi River.
- Sponsored seven communities for the Green Cities Challenge: Alton, Collinsville, Edwardsville, Godfrey, Glen Carbon, Granite City, and Highland.





## Accomplishments

- Replacement of natural draft gas boilers to new condensing hot water boilers, increasing energy efficiency from 80% to 97%.
- Spring 2021 e-Waste recycling event partnering with Greg Cooksey at Midwest Recycling Center (MRC) and the city of Fenton collected over 15 tons of equipment that was diverted from landfills. This is the third largest amount collected over the past 12 year hosting this event.
- Shifted the focus of our St. Louis-based Green Team to a more hybrid Green Team, incorporating our field offices and home/remote workers using Microsoft Teams. The goal is to incorporate more “home recycling” information and learn how other areas are recycling from a community standpoint.



## Innovations

- Planning phase begun to replace a vacant 35,000 ft<sup>2</sup> building with a multi-purpose/green space area.
- Energy savings for building replacement will save on average 20,000 therms/year.
- Maritz Motivation began offering clients eco-friendly options for the Client Fulfillment and Mailing Services division. This includes upcycled, dissolvable, and recycled materials for containers, packing materials, and communications.



“

*I am amazed at the adaptability that the St. Louis Green Business Challenge has displayed during the COVID crisis of 2020/2021. Businesses changed radically and the Challenge team at MOBOT responded with innovative methods that allowed the participants to still make improvements.*

Chuck Winkle  
 Maritz Green Team Board



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 GREEN BUSINESS  
 CHALLENGE**

is a program of:

 **MISSOURI BOTANICAL GARDEN**



“

*This year was just as challenging as 2020, if not more. But we still persevered to reaffirm our commitment to sustainability and conserving our environment.*

Hannah Lewis  
Sr. Water Quality &  
Environmental Compliance  
Specialist



is a program of:



## Accomplishments

- Expanded plastic bag recycling program to all St. Louis plants.
- Revamped battery recycling: now quarterly and expanded to our major plants.
- Held a successful electronic recycling drive that diverted ~400 lbs. of e-Waste from landfills to be properly disposed and recycled.



## Innovations

- Certified Environmental Leader program, piloted in 2020 at Central Plant in Chesterfield, has been expanded to our entire company across the country.
- Sustainability engagement adaptation of American Water's Certified Safe Worker program.
- Annual option to participate and improve through:
  - › Sustainability tasks;
  - › Engagement opportunities;
  - › Community outreach.
- Eco-friendly prizes awarded for achieving self-set goals.

### 2021 Certified Environmental Leader

Click each action item you've completed within 2021. Some items may require you to type a brief summary comment or provide examples of your actions.

1. [Affirm your individual commitment to the following principles of environmental leadership](#)
2. [Attend a minimum of 3 hours of environmental training or learning opportunities](#)
3. [Actively participate in one or more activities during AW Environmental Weeks](#)
4. [Share your environmental knowledge with others](#)
5. [Issue a "Stop Work Authority"](#)
6. [Submit an Environmental Near Miss or narrate the monthly video](#)
7. [Possess or take classes toward obtaining a license, credential, or certification](#)
8. [Participate in a company project to protect the environment](#)
9. [Participate in a company or industry group](#)

[View More \(Page 2\)](#)

Complete  
**7**  
Items to  
Submit



## Accomplishments

- “Green Efficiencies – Dollars and Plants” came in many forms in 2021.
- Upgraded main campus dispensers for soap, paper towels, and toilet paper to save hundreds annually, reduce battery and product waste, and improve “touchless” safety.
- Completed an institutional shift to online finance management and an accounting enterprise software suite that will eliminate an estimated 25-45,000 sheets of printing per year.
- Brought back Zero Waste Ambassadors for large Garden events, halted due to COVID in 2020. Focused on recycling with contribution of 279 volunteer hours, we safely diverted approximately three tons from the landfill, while educating visitors about recycling.
- Piloted online Garden-wide Sustainability Reporting Form to assist all 15 divisions with 49 departments to better communicate successes and future innovations.
- LED lighting retrofits in three buildings, utilizing Ameren Missouri incentives, will reduce estimated 352,317 kWh, the equivalent of CO<sub>2</sub> emissions from 45 homes’ electricity use for one year.



## Innovations

- Virtual collaboration with St. Louis County Library through Partners for Native Landscaping promoted advantages of native plants to over 4,500 viewers.
- Use of app and download options reduced impacts of printing for Garden visitors, including avoiding printing 20,000 program books for Japanese Festival and Best of Missouri Market. Shift to primarily online Garden maps eliminated need for nearly 30,000 printed maps.
- Partnerships with out of state Gardens presented high level virtual programs in a shared-cost series.
- Virtual options continued to expand audience for all Garden offerings, featuring 20 live virtual tours and other online visitor resources. Over 6,000 people used these platforms in 2021.
- Honored by American Alliance of Museums with a Sustainability Excellence Award for our St. Louis Green Business Challenge.



**CHAMPION  
LEVEL**

“

*As with all institutions and businesses, COVID-19 continued to challenge us in 2021. Sustainability is often called a three-legged stool for decision-making. You must consider Economic, Environmental, and People components. All three are vitally important. The pandemic allowed us a special focus on the People side of sustainability, for our virtual and on-site visitors, our remote and on-site work force, and our partners. A People focus is a fantastic way to expand sustainability efforts!*

Glenda Abney  
Interim Vice President, Education  
and Director, EarthWays Center



is a program of:

 MISSOURI BOTANICAL GARDEN



## CHAMPION INNOVATION PROJECT

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*Missouri Historical Society is committed to sustainable operations through LEED green building practices and certifications. LEED has become our standard for building operations. With sustainability practices based on scientific and building data, LEED certifications provide a strong foundation for continuous improvement in environmental sustainability within the built environments of the Missouri Historical Society.*

Angela A. Moore  
Sustainability Coordinator



is a program of:



## CHAMPION INNOVATION PROJECT

### Missouri Historical Society's LEED Standard

#### Measurable Elements

- Missouri Historical Society operates two of the three LEED v4.1 O+M projects in state of Missouri, making the Missouri History Museum the only museum and our Library & Research Center the only library, in St. Louis and Missouri, to hold a LEED certification under the newer rating system.
- Within newest LEED rating system, LEED v4.1, Missouri Historical Society began tracking carbon emissions generated from building operations to implement future carbon emission reduction measures.
- The process of earning LEED certifications has institutionalized tracking of the buildings' energy, water, waste, and transportation performance measures, along with test-and-monitor indoor air quality, and occupant satisfaction.



#### Qualitative Elements

- Missouri History Museum and the Library & Research Center received LEED Silver certification under the LEED v4.1 O+M rating system in later part of 2020 and early 2021, after obtaining LEED Gold for Soldiers Memorial Military Museum.
- With introduction of newer LEED rating systems, we can focus more on performance driven sustainability strategies to decrease carbon emissions and operational cost.
- The LEED systems' integrative focus on building performance measurements allows the Missouri Historical Society to continuously work toward more innovative operational improvements.





## CHAMPION INNOVATION PROJECT

### Document Destruction Service Offering

### Measurable Elements

- MRC annually services over 100 events that now combine e-Waste and Document Destruction.
- Tracking total weight of paper collected for destruction/recycling.
- Tracking total weight of e-Waste collected and recycled.
- Detailed reporting provided to all event hosts.



### Qualitative Elements

- Customer satisfaction surveys.
- Written Standard Operating Procedures (SOPs) for MRC associates who work our collection events.
- Annual and on-going training.
- Competency assessments.
- Safety protocols in place.



## CHAMPION INNOVATION PROJECT

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*The Challenge has contributed to MRC's overall sustainability efforts through the years and continues to be a valuable resource for us. MRC is committed to promoting sustainable practices in our work with other Challenge participants, businesses, and communities throughout the St. Louis region. We hold ourselves accountable for the environmental impacts of our business and advocate for R2 Certified responsible electronic recycling. I am proud of our Green Team and all our associates, who work hard every day to deliver a high service level to all MRC customers.*

Greg Cooksey  
 Director, Business  
 Development/Compliance

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 GREEN BUSINESS  
**CHALLENGE**

is a program of:

 MISSOURI BOTANICAL GARDEN



Jen Weber | Sr. Regulatory Compliance Auditor  
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635 Maryville Centre Drive, St. Louis, MO 63141  
Owner – 46,000 ft<sup>2</sup>  
www.mtm-inc.net



“

*Achieving carbon neutrality and environmental sustainability is not easy in the transportation industry. Working toward our long-term goals, MTM is committed to taking responsible strides, large and small, that help us protect our Earth and become more environmentally conscious, to immediately reduce our impacts. Things like using electric vehicles, reducing non-essential travel, promoting public transit, integrating solar lighting, and stepping up our recycling efforts are allowing us to continually progress toward a loftier goal: making our company—and the transit industry in general—sustainable for generations to come.*

Alaina Maciá  
President & CEO



is a program of:



## Accomplishments

- Eliminated single-use plastics in MTM offices, instead offering glass water bottles and reusable hospitality products.
- Reduced our travel footprint, urging employees to travel only when necessary and instead using virtual meeting platforms when possible.
- Integrated electric vehicles, Nissan Leaf and Chevy Volt, into the fleets of our MTM Transit division.
- Migrated to solar energy to power our MTM Transit division offices and garages, including solar panels and light poles.
- Expanded employee awareness regarding green topics through regular communications sent by our Green Team, as well as a popular Lunch and Learn series with an average of 45 attendees per session.
- Promoted solar energy use among employees through a Lunch & Learn, and introduced incentives for converting to solar power.
- Designated carpooling parking spots at our corporate office and added No Idling signs throughout the lot to protect air quality.



## Innovations

- Transitioned a significant portion of staff to permanent work from home status.
- Ongoing partnerships with Metro in St. Louis and other public transit agencies through our Travel Training program, which educates riders on using public transit services safely.
- Created a transit *per diem* to encourage employees to consider alternatives to rental vehicles during business travel, incentivizing staff to utilize public transit or rideshare services instead.
- Made a \$30,000 in-kind donation to the Lone Star Clean Fuels Alliance, through which our Marketing team produced a video promoting the green micro transit system in Bastrop, Texas.
- Ongoing use of GPS technology to most efficiently route and multiload the trips we assign to our transportation providers, thereby reducing driving time and the number of vehicles on the road.
- Established a formal goal in our MTM Transit division to achieve carbon neutrality, as a leader in the transit space.



## Accomplishments

- Eco-friendly 20th anniversary celebration hosted Garden Tour Party with refillable water stations and attendance gifts of native Aromatic Aster and Coneflower plants.
- Engaged in Adopt-a-Highway Beautification project at the busy intersection of 170/Page. Project includes a four-year commitment to litter cleanup, landscape beautification, mowing and care.
- Added a Pollinator Garden in two new areas serving as a Plant ID destination for our team.



## Innovations

- Hosted volunteer day with Forest ReLEAF, pruning and trimming trees in North City neighborhoods. Several neighbors expressed delight with improved walkways and visibility.
- Planted native-forward landscaping design at client site Operation Food Search for volunteers, visitors, and staff to enjoy.
- Annual participation in Operation Food Search Swing to Heal Hunger charity golf tournament.



**LEADER  
LEVEL**

“

*Now in our third year of Challenge participation, we wanted to find a way to bring our commitment to sustainability to our local community. Our landscape design work brings eco-conscious solutions to our clients.*

Sally Evans  
Marketing Director



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is a program of:

 **MISSOURI BOTANICAL GARDEN**



“

*We are implementing additional technology that will reduce paper waste and our dependency on natural resources.*

Stacie Elliot  
Director, Human Resources

## Accomplishments

- Held an electronic recycling event this summer to keep electronics out of the landfill.
- Efforts are well underway to adopt a digital project workflow to dramatically reduce the amount of desktop printouts.
- Adopted a permanent hybrid workplace policy allowing for employees to work from home multiple times a week on regular basis, reducing paper usage and emissions.



## Innovations

- Sourcing PPE for health care workers, first responders, and business client safety needs.
- Seventh year sponsoring St. Louis Green Business Challenge Accomplishment Book.



is a program of:





## Accomplishments

- Maintained Green Team while we all worked remotely.
- 60% reduction of paper ordered.
- Continued recycling at Tower Location offices.

## Innovations

- Promoted Green volunteer activities for associates, supporting River Des Peres Trash Bash and Gateway Greening.
- Clothing drives supported Connections to Success and Save Our Sons.
- As we come back to work, we are focusing again on sourcing catering from St. Louis Green Dining Alliance certified providers.



“

*Regions St. Louis Green Team is delighted to be a small part of Regions' overall strategy of addressing environmental risks in our daily business decisions, as climate change becomes increasingly important to our customers, our communities, associates and to our investors.*

Linda L. Lockwood, SVP, CEBS  
Relationship Consultant



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Sarah Keifer | SharePoint Designer  
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Tenant  
www.roeslein.com



“

*2021 was the first year of The Roeslein Way initiative, of which our Environmental Stewardship Committee is a part. Although we had full backing and support of Roeslein's leadership team and a generous budget, our inaugural year was a challenge. We hope to build upon our 2021 successes in the future as our committee becomes a larger part of Roeslein's culture.*

Sarah Keifer  
SharePoint Designer

**THE  
ROESLEIN  
WAY**

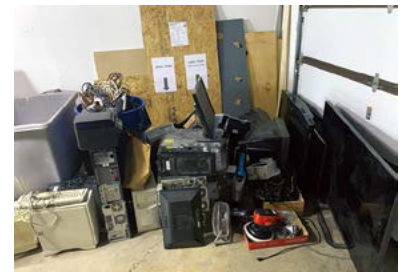


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## Accomplishments

- No Idling signs installed at the front of our St. Louis office to encourage drivers to turn off their engines while making services calls and delivering items.
- Acquired bike racks from St. Louis B-Works to install in our garage. We now have four bike parking spaces with the option of increasing to six if needed. Upcoming bike parking sign will include information about B-Works to highlight their contribution to the St. Louis community.
- In honor of Earth Day, Roeslein sponsored e-Waste recycling events at all domestic locations. Nearly 2,500 lbs of e-Waste was collected across our five U.S. locations.
- Converted vending machines from plastic bottles to aluminum cans only.



## Innovations

- In September, Roeslein distributed specialized native seed packets to all U.S. offices along with information about native and invasive plants to encourage responsible planting.
- St. Louis hosted our first annual Native Plant Sale with the help of *Grow Native!* Many employees and community members attended, exceeding both our committee's and vendors' expectations for the inaugural event.
- As a friendly competition between offices and work sites we hosted a CANpaign. Locations were challenged with three months of recycling aluminum cans to raise money for Canned Water for Kids (CW4K), a non-profit that strives to provide access to sustainable, clean, safe drinking water for all children. Employees recycled 1,416 bags of cans (over 4 tons of aluminum) and donated \$2,500 to CW4K.
- Roeslein continues to provide Platinum Sponsorship for *Grow Native!* our region's exceptional native plant promotion and education program.







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## CHAMPION INNOVATION PROJECT

### Creating a Culture of Conservation

#### Measurable Elements

- Solar arrays installed on both home office campus buildings produced > 62,900 kWh of energy over the last 12 months.
- For much of 2021, 90% of Safety National employees continued to work from home, which reduced staff vehicle miles and CO<sub>2</sub> output, and electricity and water usage on campus.
- All rest rooms on campus are upgraded to low-flow fixtures with sensors to control water use.
- Safety National continues to hold regular recycling events:
  - › 193 pounds of holiday lights went to Didion Recycling, Inc.
  - › Plastic bag collection recycles 400+ plastic bags per month.
- Installed ten additional water bottle refilling stations. To date, avoiding use of > 200,000 plastic bottles, while refill counters educate and motivate employees.
- Recent implementation of a Robotic Process Automation (RPA) initiative reduces our physical mailings by > 1,800 pieces of mail each week.



#### Qualitative Elements

- Employee-led Sustainability Committee hosted virtual “Where is Away?” talk by Jean Ponzi of EarthWays Center to help co-workers learn where and how waste is handled after it leaves their homes, with tips to improve recycling habits.
- Distributed reusable flatware to all employees, to decrease use of single-use plastic flatware.
- New, additional biodiversity conservation efforts include a porous parking lot and purchase of three mason bee houses to help pollinate local plants.
- Added greenery, with more outdoor plantings to promote and support pollinators and indoor snake plants that help clean office air of pollutants like CO<sub>2</sub>, benzene, xylene and toluene.
- Transitioned to environmentally friendly cleaning supplies to reduce pollution in our waterways and minimize ozone depletion.



## CHAMPION INNOVATION PROJECT

“

*Safety National's corporate vision is, in part, to be “first with community.” We recognize our role in creating a sustainable environment for future generations. We have prioritized resource conservation in all operations, including use of solar arrays, low-flow water fixtures and energy-saving lighting systems. More importantly, our employee-led Sustainability Committee continues to provide co-workers with educational activities and resources to help us all reduce our carbon footprint. Small changes we each make in our lives can quickly add up. Together, we can make a real difference!*

Mark Wilhelm  
Chairman and CEO



is a program of:





“

*As a community funded institution that collects, preserves and conserves works of art of the highest quality, across time and culture, the Saint Louis Art Museum strives to extend that preservation and conservation to the environment and community. Our operations departments help lead this commitment by partnering with businesses to improve efficiencies within the Museum and overseeing innovations such as the installation of Electric Vehicle Chargers in the parking garage. Working in the Green Business Challenge has helped us to engage and share resources with peers, while supporting and strengthening our internal green efforts.*

Carolyn J. Schmidt  
 Deputy Director and Controller



is a program of:



## Accomplishments

- Project underway to upgrade air handlers to be energy efficient.
- Conducted a commuter survey with all staff to assess a potential carpool/rideshare program.
- Created Recycling and Waste Reduction Guidelines for all staff and volunteers.
- Upgraded recycling receptacles in event and café spaces.
- Continue to retrofit lighting to LED throughout the campus.



## Innovations

- Hosted a shredding event that was open to all Zoo-Museum District staff and volunteers.
- Installed five Level 2 Electric Vehicle Chargers in the parking garage. Installation was made possible through Ameren's rebate program.
- Publications use Forest Stewardship Council (FSC) certified paper; have eliminated shrink wrap on all books.
- Holiday cards and invitations are designed and produced using eco-friendly printing and sustainable paper.
- Procured a Zero Waste Box for art handlers to recycle disposable gloves.





## Accomplishments

- Installed high efficiency chiller and boilers in the Planetarium which reduced kWh energy use by at least 25.7% over 2019 (pre-pandemic comparison).
- Installed new LED lighting to replace halide lighting in our warehouse facility.
- Recycled nearly six tons of metal during warehouse clean-out.
- Began efforts to clean up our recycling stream which includes in-house 3-D printed signage slots to adapt current bins. Additional efforts include staff training and education.
- Installed two additional water bottle filling stations.



## Innovations

- Using the daily communication vehicle for Science Center staff to highlight weekly sustainability tips and information.
- Launched Sustainable Futures Friday in August.
- Hosted a staff professional development on "Wilding Your Yard" to educate about native plantings and creating wildlife habitat.
- Worked with Franklin Energy to deliver a staff workshop on energy efficiencies in the home.



**LEADER  
LEVEL**

“

*The Saint Louis Green Business Challenge is an important tool for the Saint Louis Science Center. We use the Challenge to set both aspirational and practical goals and to learn from and be inspired by other organizations and businesses. We look forward to increasing our efforts and finding more ways to engage in our communities around topics of sustainability.*

Andrea Durham  
 Chief Officer for Science and  
 Education

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“

*In 2021, the Zoo focused on engaging staff and volunteers to bolster community projects and goals. We were proud to partner in Community Science data collection for the Mississippi River Plastic Pollution Initiative. Climate Solutions Week and newly launched Community Climate Solutions webinar series reached hundreds of people, and our Climate Solutions Book Club let employees across the Zoo have meaningful conversations about the climate emergency and the hopeful actions we can all do to change the course of history. These new initiatives add to our ongoing efforts to better track and reduce our operational footprint.*

Wanda Kolo  
Director of Sustainable  
Operations & Construction  
Management



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## CHAMPION INNOVATION PROJECT

### Advancing Community Science & Climate Solutions in the Region

#### Measurable Elements

- Plastic and litter data collected by Zoo staff and volunteers contributed to a pilot initiative to understand how debris gets into the Mississippi River. While we don't know specifics from Zoo participants, the project's collective findings are allowing scientists to better understand what and how waste (especially plastic) gets into the riverways. This effort is driving actionable solutions to reduce the problem at a watershed scale.
- Climate Solutions Week activities and webinars reached hundreds of people virtually, plus on-site engagement for Climate Solutions Day.
- Tracking and measuring our campus operational footprint allows us to take effective actions to reduce use of natural resources. The 24 irrigation meters we installed are read quarterly, and we now have a 12-month baseline. Zoo facilities staff use this data to adjust irrigation controls to reduce water use.



#### Qualitative Elements

- By elevating the Zoo's trusted voice to support the Mississippi River Plastic Pollution Initiative pilot, we add to the collective push to take action on the plastic pollution problem.
- Climate Solutions Week brings hopeful messages about how together we can address the climate crisis and create a better world for humans and the natural world.
- Engaging employees and volunteers in taking meaningful actions embodies and empowers how we all have an agency over the outcomes of our collective impacts.







Hosei Maruyama | Director, Facility Operations & Planning  
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1,300,000 ft<sup>2</sup>  
www.cardinals.com

## Accomplishments

- St. Louis Cardinals continued our extensive LED lighting upgrade project in areas of the ballpark including the service level, main concourse and some of the main concourse restrooms.
  - › Replacing high energy consumption fixtures and lamps to reduce operational costs and improve lighting quality, while maximizing rebates from Ameren BizSavers.
  - › Current work expands on efforts begun in 2019 when LED playing field lights were installed.
- This year's project is estimated to yield:
  - › \$16,041.45 estimated annual cost savings;
  - › \$12,424.32 estimated incentive;
  - › 200,043 kWh saved in the first year.
- Savings are equivalent to:
  - › 165.3 metric tons of CO<sub>2</sub>;
  - › 35.1 vehicles removed from roads for one year;
  - › 346 homes powered for one month;
  - › 57.6 tons of waste recycled instead of landfilled.



## Innovations

- Martin Bethea of SportService presented our joint process of handling and donating prepared food for the U.S. EPA St. Louis Food Summit.
- Cardinals infielder Paul DeJong partnered with Players for the Planet and One Tree Planted to support reforestation efforts in Forest Park, donating \$5,000 to plant 200+ trees in Forest Park Nature Reserve's Successional Forest.
- Trees were planted on land that was previously infested with invasive plant species, bush honeysuckle and winter creeper, which were removed to open the site for the new trees.



**CHAMPION  
LEVEL**

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*The St. Louis Cardinals have participated in the St. Louis Green Business Challenge since its inception. We have found great value in the program, assisting us with our sustainability initiatives over the years. The variety of resources that are available continue to benefit our work, and Virtual Brown Bag Seminars are interesting and informative. Participating in the Challenge keeps us engaged in the green community. We are committed to the partnership as a key component to continue the growth and development of our sustainability efforts.*

Hosei Maruyama  
Director, Facility Operations & Planning



is a program of:





“

*St. Patrick Center is committed to practicing sustainability through recycling, energy use, and naturescaping. Working with the Green Business Challenge we have developed a recycling program, established ENERGY STAR tracking, and launched a training program for Green Collar Jobs to include water, waste, energy, transportation, building, and health, food and agriculture.*

Basia Skudrzyk  
ReEntry Coordinator



is a program of:

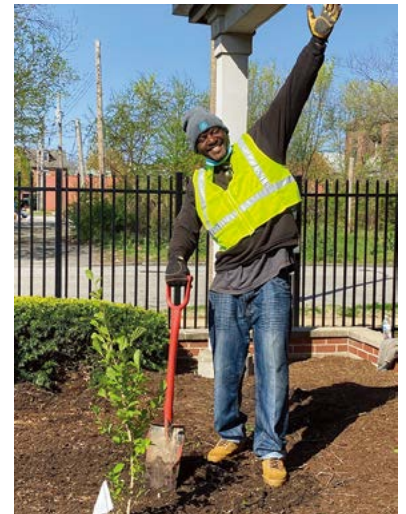


## Accomplishments

- Clients performed an Earth Day clean up at our Rosati property, picking up trash around the building and in the alley, and recycling recoverable items.
- Received an Ameren Missouri grant to replace bulbs with energy saving LED lights.
- Now benchmarking energy use with ENERGY STAR Portfolio Manager.

## Innovations

- Built diverse community partnerships with nonprofits and businesses to provide NatureScaping.
- Got clients involved in recycling for beautification of neighborhoods.
- Collaborated with Focal Pointe Outdoor Solutions and Missouri Botanical Garden's EarthWays Center to train clients in a landscaping project for Haven of Grace, an organization helping homeless pregnant women. Forest ReLEAF donated trees and Brightside provided dumpsters. This project yielded multiple benefits, including the resulting community naturescape that our partnership named "Grace Garden."





## Accomplishments

- Inspired 56 homes to go solar through Grow Solar St. Louis and Metro East, placing 457kW of solar power into our community. This will reduce Co2 emissions by 901,000 pounds in just the first year.
- Generated 107,580 kilowatt-hours of solar energy from the 99kW solar PV system at our headquarters.
- Charged our service vehicles with sunshine through electric charging stations attached to our solar PV system at headquarters.
- Produced and published on our website educational videos describing solar technology, how to go Net Zero, and covering public policy changes affecting solar homeowners.



## Innovations

- Founding partner of St. Louis Solar Workforce Training Project with City of St. Louis, IBEW and Employment Connections. SUS hired a graduate of the program.
- Created StraightUp Solar Legacy Fund to help churches and non-profits go solar. The Legacy Fund provided financing to Pilgrim Green Baptist Church and Bond Avenue Church in East St. Louis.



- Sponsored and volunteered with the EarthDay-365 Environmental Day of Justice to clean up Maline Creek in Ferguson.
- Volunteered to plant saplings at Forest ReLEAF of Missouri's tree nursery.
- Completed B Corporation recertification audit.

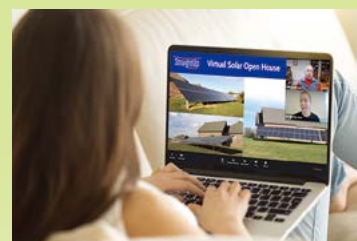


**CHAMPION  
LEVEL**

“

*This year's Virtual Brown Bag webinars from the Green Business Challenge team were a beneficial information exchange and resource. The programs helped us stay current on the best practices of our fellow Green Challenge companies.*

Eric Schneider  
Director of Business  
Development



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 MISSOURI BOTANICAL GARDEN



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*Being sustainable and a good world citizen has always been important to Tarlton. The St. Louis Green Business Challenge is a great resource and valuable partner in helping us find new ways to expand our impact and be more effective with the programs and initiatives we current utilize.*

Diane K. Grimsley  
Senior Project Manager and  
Green Team Leader



is a program of:



## Accomplishments

- Completed an overhaul of our “Make a Difference Board” to re-invigorate the Tarlton family to highlight and support green issues closest to our minds.
- Re-instituted our Paper Cut reporting system, tracking office paper usage to identify where we are using the most paper and opportunities to decrease usage by encouraging more digital documents and ensuring duplex printing.
- Re-started our ENERGY STAR benchmarking. Learning from and acting on what we see as more people return to the office.



## Innovations

- Hosted an engineering camp at Cor Jesu with a building activity applying engineering principles, a cost estimating activity, and options for camp participants to prepare for a career in construction.
- Hosted a volunteer opportunity for Cornerstone, a non-profit providing affordable housing to families in need. Our work included rehabilitation of an old house on Suburban Avenue in the West End neighborhood, installing a new subfloor and interior framing.
- Volunteer opportunity at Harris House, provider of transitional housing during substance abuse treatment. Tarlton team replaced the back deck and kitchen cabinets, installed new handrail and vinyl flooring, and repaired a damaged roof area.
- Repainted the cafeteria and offices at Hawthorn Leadership School for Girls.
- Donated approximately 400 labor hours to restore a daily community meal kitchen at the Salvation Army Family Haven Center.







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# St. Louis Green Business Challenge

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connect with the Challenge and **Green** biz leaders  
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Citizens for Modern Transit – the region's transit advocacy organization – is committed to championing, challenging, encouraging and helping to expand public transportation access in an effort to drive economic growth and improve the quality of life in downtown and across the entire St. Louis region.



Learn more about CMT, what the organization is working to accomplish and how you can get involved at [www.cmt-stl.org](http://www.cmt-stl.org).





# ST. LOUIS™



## GREEN BUSINESS CHALLENGE

The Network that Grows Green Operations and Innovation



2022 registration opens February 14

[www.stlouisgreenchallenge.com](http://www.stlouisgreenchallenge.com)



MISSOURI BOTANICAL GARDEN





a division of the  MISSOURI BOTANICAL GARDEN

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- K-12 Students and Educators
- Universities and Colleges



Through the **St. Louis Green Business Challenge**, EarthWays Center helps companies of all kinds and sizes make sustainability work, in policy and practice.

We can also customize fee-for-service consulting for sustainability certification, planning or implementing company-specific green projects, boosting employee education and engagement—and more. Let EarthWays help develop the Sustainable Solution that works for your business.



The Missouri Botanical Garden's EarthWays Center

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**GRAPHIC DESIGN**

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## Special Thanks



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## 2021 Challenge Staff

Jean Ponzi – Green Resources Manager

Jenn DeRose – Sustainability Specialist

Angelina O'Donnell – Program and Event Specialist

Glenda Abney – Interim Vice President, Education and Director, EarthWays Center

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For more information on the St. Louis Green Business Challenge, contact:  
Jean Ponzi, Missouri Botanical Garden, 314-577-0246 or [jponzi@mobot.org](mailto:jponzi@mobot.org).  
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