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Welcome

Making Nashville the Greenest City in the Southeast

I am privileged to lead an organization that makes a real difference in people's lives. I get to hear from people like Damian, who attended our sustainable transportation discussions, and enthused about how the event enabled him to connect with other bike commuters. I get to hear from Terri about her 9-year-old daughter Simone, who after our "Cooking with the Seasons" class shared the healthy local foods recipe with her friends. I get to hear from Samantha, the 6th grader who on the last day of our 5-week enrichment program told us how much she appreciated our being at her school.

Urban Green Lab has experienced tremendous growth in the past twelve months, thanks to the support of our program partners, generous donors, and the broader community. 2013's transition in Board leadership, inaugural Executive Director, and strategic decision to pursue a mobile educational laboratory set the stage for a successful 2014.

This year, we hit our stride with nearly 40 workshops reaching over 1,000 Nashvillians, from students to retirees to professionals. We built container gardens and rain barrels and cooked meals with local produce; we provided money saving tips for home energy savings; we taught homebrewing and beekeeping; we convened conversations on active transit, alternative fuel vehicles and long range transportation planning. We forged partnerships with businesses and nonprofits that will make our 2015 programming to be even better.

Urban Green Lab supports Nashville's young people by bringing innovative hands-on learning right to their classrooms. This year at Stratford High, we helped students test their local creek contaminant levels, explore green building techniques, measure the energy use of a variety of light bulbs, communicate their stories effectively, and more. At Bailey Middle we led a 5-part sustainable

living series. Fifth and sixth graders devised ways to reduce waste, save energy, and promote clean water; they presented their findings to the community.

With your support, we can continue to reach these students and many more through our mobile lab in 2015. Equipped with interactive exhibits and green technologies, the lab will travel to schools across Nashville starting next year, enabling us to reach diverse and underserved populations, to enhance schools' science and technology curricula, and to prepare students for the green jobs of the future!

Our three new full-time AmeriCorps VISTA members – Eileen, Erin, and Lexie – are adding incredible energy and capacity to our efforts. Focused on communications and community engagement, fundraising, and program evaluation, their work allows us to reach more students, impact more communities, and track and communicate our progress more fully. A new office space – donated by Centric Architecture – in the Trolley Barns at Rolling Mill Hill gives us an unparalleled launching pad for our work.

As you can tell, Urban Green Lab is moving ahead with energy and focus like never before. Please join us on this journey to make Nashville a greener, healthier place for all. We invite to you to volunteer, donate, and participate! Thank you for all you do.

July M

Jennifer Tlumak Westerholm Executive Director



Meet the Staff

Nashville's only non-profit organization dedicated to improving the health and well-being of Nashville through sustainability



Left to right: Erin Luce, Development VISTA; Eileen Schaeffer, Communications and Community Engagement VISTA; Lexie Lipham, Program Evaluation VISTA; Jennifer Westerholm, Executive Director

Meet the Board of Directors

Dr. Jim Fraser, Board Chair

Rich Hayes, Vice Chair

Mason Worthington, Treasurer

Jennifer Barrie, Secretary

Diana Andrew

Michael Gross

Jaclyn Mothupi

Jeffrey Orkin

Ken Srebnik

Chris Vanags

Vanderbilt University

Union of Concerned Scientists

Gibson Guitar

TN Advisory Comm on Intergovernmental Relations

Vanderbilt University

Community Volunteer

Hands On Nashville

Landscape Solutions

Nissan North America

Vanderbilt University

Meet the Advisory Council

Linda Bloss-Baum

Laurel Creech

Erik Cole

Gary Gaston

Jeff Gowdy

Jennifer Hagan-Dier

Dan Heller, Co-Founder

Heather Langford, Co-Founder

Peter Martino

Dr. David Padgett

Dr. Douglas Perkins

Pam Tillis

Tiffany Wilmot

Linda Bloss-Baum Creative Strategies LLC

Mayor's Office

Mayor's Office Financial Empowerment Center

Nashville Civic Design Center

J. Gowdy Consulting

UT Center for Industrial Services (CIS)

Commercial Real Estate

United States Green Building Council

Martha O'Bryan Center

Tennessee State University

Vanderbilt University

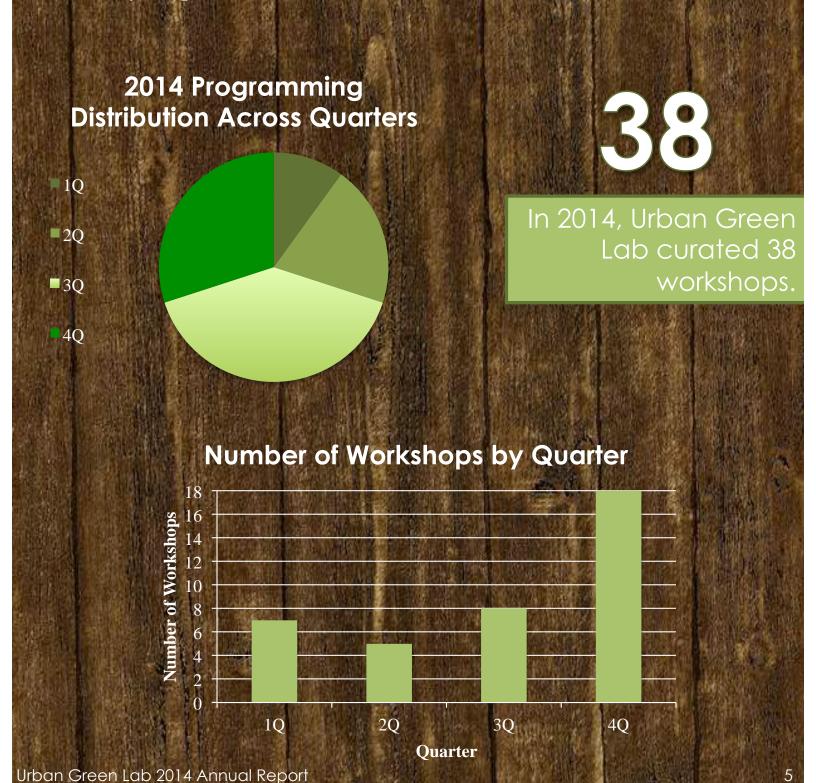
Singer/Songwriter

Wilmot, Inc.



Workshops

Urban Green Lab fills a gap by offering programs that inspire people of all ages and from all backgrounds to incorporate sustainability into their daily lives. Workshops range across all health and sustainability categories from food and urban agriculture to energy conservation and green building. We seek to spark positive changes at home and work that save money, improve health, and conserve resources.



Workshop Topics

Food
Energy
Water
Do-It-Yourself
Transportation
Building
General
School
Other

Workshop Distribution by Category

- Food
- Energy
- Water
- DIY
- Transportation

Workshops

- Building
- General
- School
- Other







Indicators

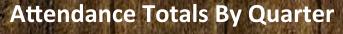
Urban Green Lab takes seriously tracking and improving program indicators and outcomes. In our first year of extensive programming, we have seen a tremendous response from community members who have attended our events. We continue to strive to reach people of all socioeconomic backgrounds by ensuring that our events are accessible.

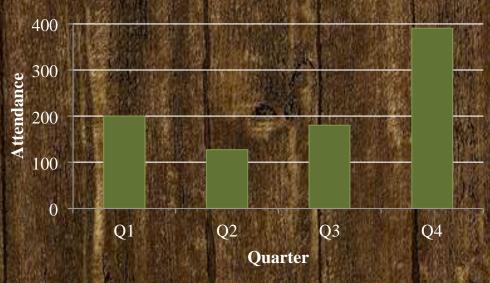
575

24

The average attendance at Urban Green Lab workshops in 2014 was 24.

In 2014, Urban Green Lab hosted 898 Nashville community members at our workshops.*





*More than 200 students from Stratford High School participated in a water quality workshop co-led by Urban Green Lab and other community partners. For statistical purposes, those students are not included in this total.

Indicators

In addition to the workshops we curated and hosted, we were active at dozens of community events around town, reaching thousands more people throughout the year.

38

Urban Green Lab was part of 38 local and relevant community events in 2014. Through presentations, demonstrations, and conversations, we reached thousands more people throughout our community.

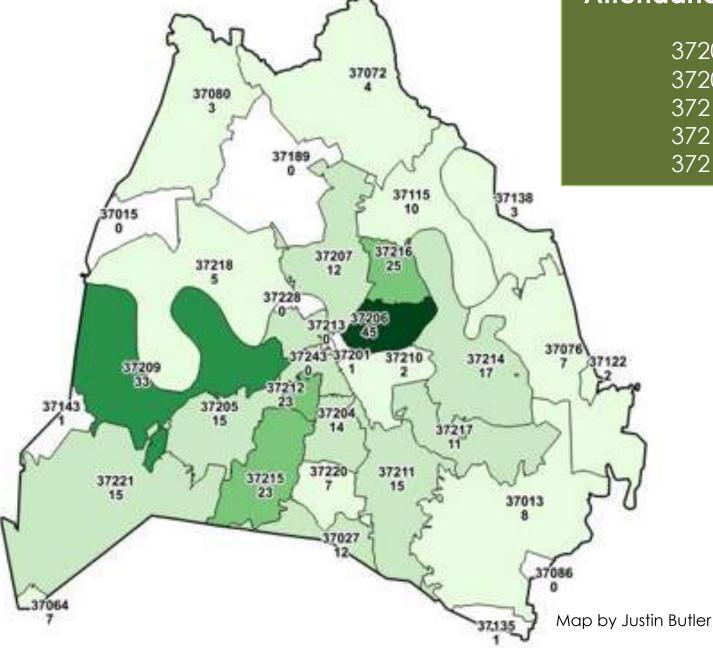
Select Community Events Attended in 2014

- CitiesAlive Green Walls & Roofs Conference
- Tennessee Public Health Association Annual Meeting
- Tennessee Local Food Summit
- Rebuilding Together Nashville Resource Fair
- Live On the Green
- Tomato Fest
- Pride
- East Nashville Chicken Chase
- West End Farmers' Market
- Clean Air 5K
- SoNa Fest
- Bailey Middle School's Career Fair
 & Back to School Fair
- Stratford High's Science and Engineering Day
- Fisk Summer Camp
- The Generation Connection Camp
- USN Community Service Day
- Earth Day

Indicators

Urban Green Lab hosted workshop participants from 48 different zip codes, and all but four zip codes in Davidson County.





Social Media and LabNotes

Many workshop participants learn about our events through our social media outlets, making communication and activity via social media crucial in community outreach and engagement. Our social media and enewsletter rolls continue to grow!

3092

At the end of 2014, Urban Green Lab had 3092 subscribers to LabNotes, a bi-monthly newsletter updating interested community members and participants about happenings and events.

424

This year, 424 new members have been subscribed to LabNotes.

3212

To sum up 2014, Urban Green Lab had a total of 3212 facebook likes.

395

There were 395 new likes for Urban Green Lab's facebook page in 2014.

f





Social Media and LabNotes

715

At the end of 2014, Urban Green Lab had 715 Twitter followers.

276

This year, Urban Green Lab acquired 276 new Twitter followers.

140

Urban Green Lab had 140
Instagram followers to round
out 2014. This was our first
year with an active
Instagram account. It has
really taken off since Eileen
Schaeffer, Communications
and Community
Engagement VISTA, started
in November.

Be sure to get involved via our newsletter or social media! We post important workshop and event information here as well as useful tips and hints to lead a more sustainable lifestyle.

Subscribe to LabNotes on our website at urbangreenlab.org.

Our Facebook page is facebook.com/UrbanGreenLab.

Follow us on Twitter

@urbangreenlab. Follow us on Instagram @theurbangreenlab.



Outcomes

We track our programmatic successes as well as areas for improvement. Participants report, via confidential survey, intent to change behavior, workshop usefulness and likeliness to return to future Urban Green Lab events. Qualitative data is also collected about future workshop preferences and the specific behavior changes the participants plan to make. These data are critical in helping us improve our programming to meet community needs.

53.7%

In 2014, Urban Green Lab's workshop and event survey response rate was 53.7%. With two new iPads to supplement our paper surveys, we expect this rate to increase in 2015. 482

Urban Green Lab received 482 survey responses at workshops this year.

Response Rate Distribution by Quarter

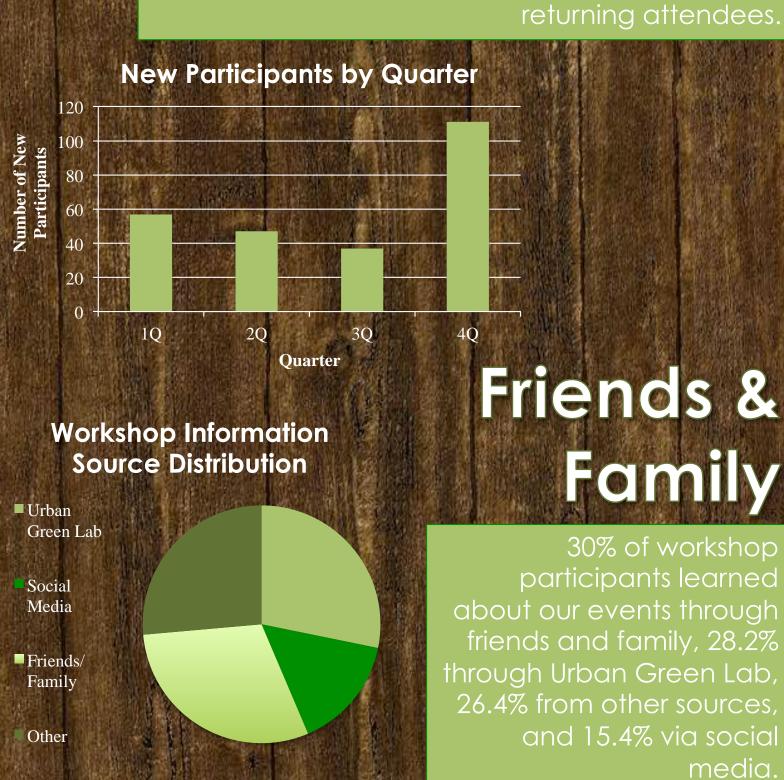


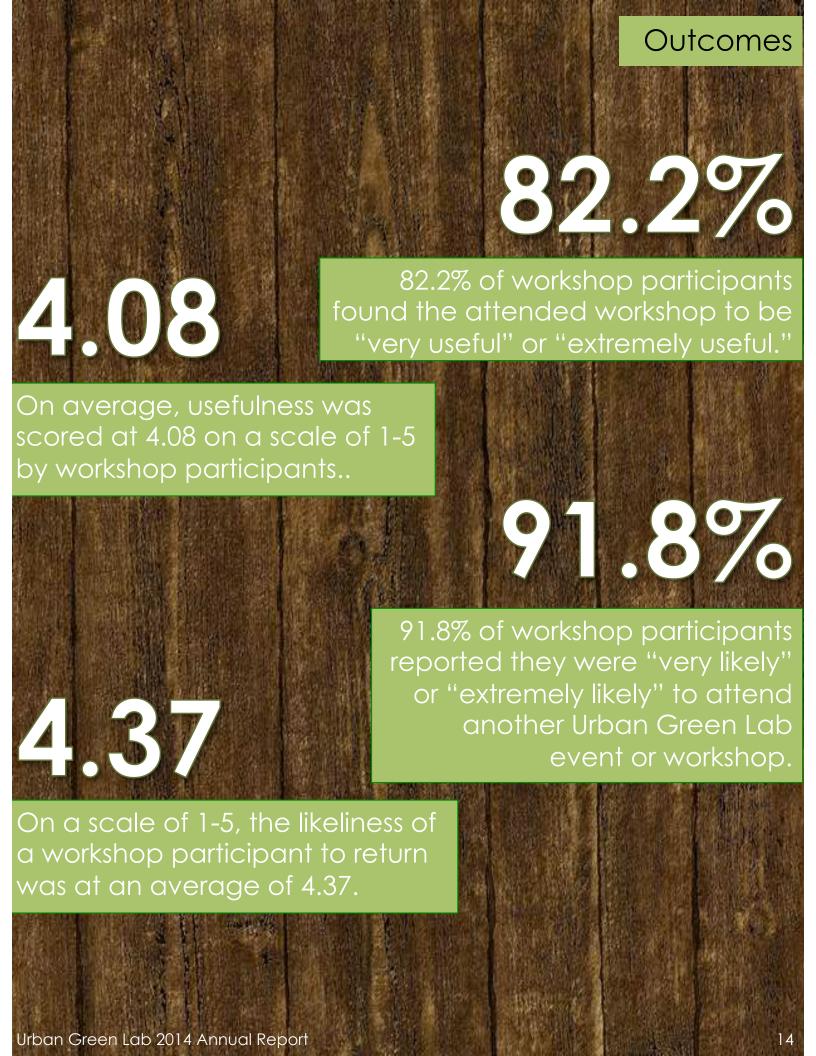
Urban Green Lab 2014 Annual Report



55%

Fifty-five percent of surveyed participants were first time attendees. The remaining 45% were returning attendees.





plug-in Prius."

"Take a closer look at how to get a

Words of Inspiration from Workshop Participants

"Presenters were great! Very knowledgeable and engaging!"
"Truly enjoyed!"

"Very informative speaker--Thank you!"

"Keep up the good work!"

"Thank you so much for the great work you're doing! It's easy to get discouraged by the poor bikeability and walkability of Nashville. I certainly have, so your positive commitment to change is invaluable. THANK YOU!"

"This presentation was the most informative! Thanks!"

"Urban Green Lab rocks!"

"That was awesome. Thank you!"

"It's a blessing to see passion in our new leaders and to know that our future is in good hands."
"Loved this event. Very convenient."
"Thanks for a great program!"

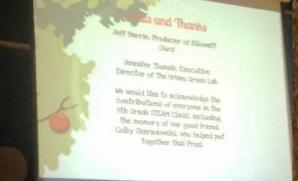
"Great topic and exciting to see how many people are interested. Maybe because container gardens seem like a nice, small start!"

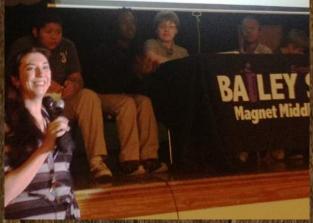
"My daughter and I just made the kale salad from the last Urban Green Lab cooking class. She remembered all the steps! We are sharing it with a new friend, too, which makes it even better. Shout out to all your folks at UGL!"

Metro Schools Involvement

Urban Green Lab has increased involvement in Metro Nashville Public Schools as we prepare to launch our mobile laboratory.

We worked with an eighth grade class from Baily STEM Magnet Middle School to plan and promote an energy efficiency project for Samsung's "Solve for Tomorrow" Contest. Chosen as one of the top 15 entries, they competed in the national finals in Austin, Texas.





More than 500 students from Stratford STEM High School, Isaac Litton Middle School, and Jere Baxter Middle School, and Bailey STEM Magnet Middle School learned about Urban Green Lab as part of Science and Engineering Day.



Metro Schools Involvement



Urban Green Lab co-led workshops with Stratford STEM High School Students during which students tested their local creek contaminant levels and created public service announcements to share what they found with their neighbors.



Urban Green Lab engaged with summer camps, including Hands on Nashville's Sustainability Summer Camp and The Generation Connection camp.



Metro School Involvement







We judged science projects at both Stratford STEM High School and Meigs Magnet Middle School and participated in Bailey STEM Magnet Middle School's Career Fair.

"With support from our business partners such as Urban Green Lab, Stratford STEM Magnet High School has transformed teaching and learning. ACT scores, graduation rate, and student scholarship monies have increased. Business partners are the key to transforming and ensuring student success."

Jennifer Berry, PhD, Academy
 Coach at Stratford



Bailey Middle School STEAM Elective Series

During the fall, we collaborated with Belmont University to bring sustainability enrichment to fifth and sixth grade students at Bailey STEM Magnet Middle School. Students learned basic sustainability information and practices, such as why we recycle and how can we reduce the amount of pollution we produce. The chart below depicts the difference in pre- and post-tests administered on the first and last days of the 5-week series.

	Pre	Post
Question 2: examples of sustainable behavior		
100% correct	15%	55.6%
100% correct	1076	33.676
Question 3		
I care about sustainability:		
a lot	45%	66.7%
a little	45%	33.3%
not at all	0%	0%
no answer	10%	0%
I make choices that are sustainable:		
a lot	40%	44.4%
a little	40%	55.6%
not at all	5%	0%
no answer	5%	0%
I think sustainability education will		
help me get a job:		
a lot	80%	100%
a little	15%	0%
not at all	0%	0%
no answer	5%	0%
I think sustainability education will help me be healthy:		
a lot	80%	100%
a little	15%	0%
not at all	0%	0%
no answer	5%	0%
I think sustainability education will help me save money and resources:		
a lot	70%	100%
a little	25%	0%
not at all	0%	0%
no answer	5%	0%

1		
	Pre	Post
I believe I have an important impact on my community:		
a lot	55%	77.8%
a little	35%	22.2%
not at all	0%	0%
no answer	10%	0%
I believe I have an important impact on the earth:		
a lot	80%	88.9%
a little	15%	11.1%
not at all	0%	0%
no answer	5%	0%
I believe I have an important impact on my friends:		
a lot	75%	100%
a little	20%	0%
not at all	0%	0%
no answer	5%	0%
I believe I have an important impact on my school:		
a lot	70%	77.8%
a little	25%	22.2%
not at all	0%	0%
no answer	5%	0%
I believe I have an important impact on my home:		
a lot	90%	100%
a little	5%	0%
not at all	0%	0%
no answer	5%	0%
I believe I have an important impact on the future:		
a lot	90%	88.9%
a little	5%	11.1%
not at all	0%	0%
no answer	5%	0%

Words from the Bailey Middle School Students

These are a few anecdotes from participating students when asked what was their favorite part of the series:



"Spending time with my friends and making a poster! :)"

"When we all did a project and talked about how to save the earth."

"The best part about my elective was when all of us got in teams and made a poster and got on the iPads."

"The best thing about this elective is that we get to learn about the environment and the economy."

"Learning about the earth and being with you."

"Making our poster on what we

learned."



Mobile Lab Updates

Urban Green Lab is working hard to create a one-of-a-kind mobile sustainability laboratory that will launch in Metro schools beginning in the 2015-2016 school year. This vehicle, outfitted with interactive exhibits and green technologies, enables us to reach diverse and underserved populations and to enhance schools' science and technology curricula.

The laboratory will teach students how living a more sustainable lifestyle can improve the environment, one's health and well-being, and one's financial savvy. We hope to engage and challenge students to create long-lasting behavior change and become the sustainability leaders of tomorrow!

Our team, comprised of local firm, Owen Design, volunteer architects and designers, educators, and students is currently designing the lab's shell and exhibits and compiling an accompanying standards-based curriculum.

We are beyond thrilled to bring this unique educational resource to our Nashville community.



Conceptual drawing by Owen Design

Financial Summary 2014 Revenues Distribution

2014 Revenues



\$81,025 \$16,497

\$1,040

\$98,562*

2014 Expenses

Operations
Capital
Total

Corporate

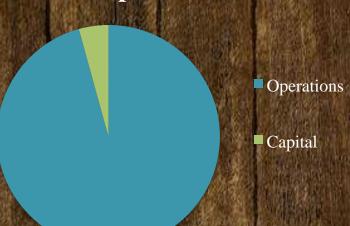
Individual

Grants

\$97,943 \$4,380

\$102,323

2014 Expenses Distribution



urban green lab

Total Revenue
Total Expenses
Net Assets

\$ 98,943 \$102,323

2014 Net Assets

-\$3,761**

^{*}This number does not include the amount received in in-kind donations.

^{**}Note that this reflects Urban Green Lab's net assets for the calendar year 2014 and does not represent our net assets for our fiscal year, which ends June 30, 2015.



All Urban Green Lab board members made a financial contribution to the organization this year.

Urban Green Lab 2014 Annual Report

Donor Support

Thanks to the following individuals and businesses for their financial support in 2014.

50.000+

Nissan North America

25,000-50,000

First Tennessee Foundation

5.000-25.000

Corporation for National and Community Service

1,000-4999

Centric Architecture Frist Foundation Piedmont Natural Gas Regions Bank Team Green Adventures Tlumak, Jeffrey Wray Estes & Tom Cullen

500-999

Jennifer Berry, PhD The Phillips Foundation Michael and Randy Gross Deborah Wilkes

250-499

Patty Ghertner Dan Heller Jackalope Brewing Company Will Martin MiKen Development Peter Westerholm

150-249

Diana Andrew Jennifer Barrie Linda Bloss-Baum Sue Bredensteiner Kimberly Butler Frank and Nancy Einstein Rich and Meghan Hayes David Heller Stephanie Jones Yvonne Joosten Miriam Owen Glenn and Aileen Webb Lisa Wiltshire Mark Wood

100-150 Frank Allen Newell Anderson Erik Cole Robert Collie Mark Deutschmann Michael and Merrill Durham David Esquivel Jim Fraser Dodd and Susan Galbreath Sylvia Ganier Barbara Gay Linda Hardy John and Kathleen Harkey David Harper Samantha Hart Kimberly Jackson Cliff Jones Jilah Kalil Elissa Kim Rodney Kochtitzky Charles and Margery Luce Chris Lunghino Robert Marin Peter Martino John McFadden Leslie McGinn Tony McLarty Jaclyn Mothupi John Noel Jeffrey Orkin Doug Perkins Carrie Plummer Stan Schklar Kim Shinn Paul Sloan Loren Snyder Naomi Snyder Ken Srebnik Louise Stroop Kelly Tipler Irwin Venick Anthony Viglietti Jennifer Westerholm

Sadhna Williams

Wendy Williams

Tiffany Wilmot

Mason Worthington

50-99

Helen Allen Joe Bandy Mark Brooks Tony Brown Sarah Burcher Marie Campbell Kelly Coleman **Toby Compton** Jennifer Cook Dave Cour Laurel Creech Joel and Ann Daunic Anthony Davis Carrie Duke Julia Duchon Eric Enright Amy Eskind Jane Eskind Annemarie and Jonathan Farmer Debby Gould Joshua Gulick Bill and Maureen Harkey Leah Hashinger Madeline Holtzman Michele Johnson John Kelly Tyler Lisowski Joyce McDaniel Jim and Karlene Polk Van Pond Kate Pritchard Gordon Publow Randall Putala

Beth Schultz

Jim Schulman

Tim Schwartz

Virginia Smith

Hazel Thornton

Christopher Vanags

Sally Solesby

Russell Vare

Lisa Zhito

Mitchell White

25-49

Dana and Richard Battaglia Claire Bernard Michael Bolen Barbara Brown Joan Browne Paul Bullis Nancy Colowick Ann Daunic Susan Eidam Miranda Fuller Jeff Gowdy Steven Greil Stephanie Houghton David Keiser Matt Kerske Kathleen Kichline Julia Landstreet David and Zena Laubie Ann Lipham Amanda Livsey Jessica Middleton Michael Morano Bryan Pieper **Amy Ridings** Jessica Riviere Sabol Rodgers Jan Schim Theresa Schimmel Christopher Stenstrom Elizabeth Thompson Unity of Nashville Elizabeth Walls Jennifer Wilson Mark Wingate Blake Worthington

Development

\$81,025

Corporations donated \$81,025 to Urban Green Lab in 2014. Our Founding Partner, Nissan North America, led the way with a generous \$50,000 contribution and First Tennessee Bank followed with \$25,000.

Corporate Support

Nissan

First Tennessee Foundation
Piedmont Natural Gas

Jackalope Brewing Company

Regions Bank

LetterLogic



AREGIONS®

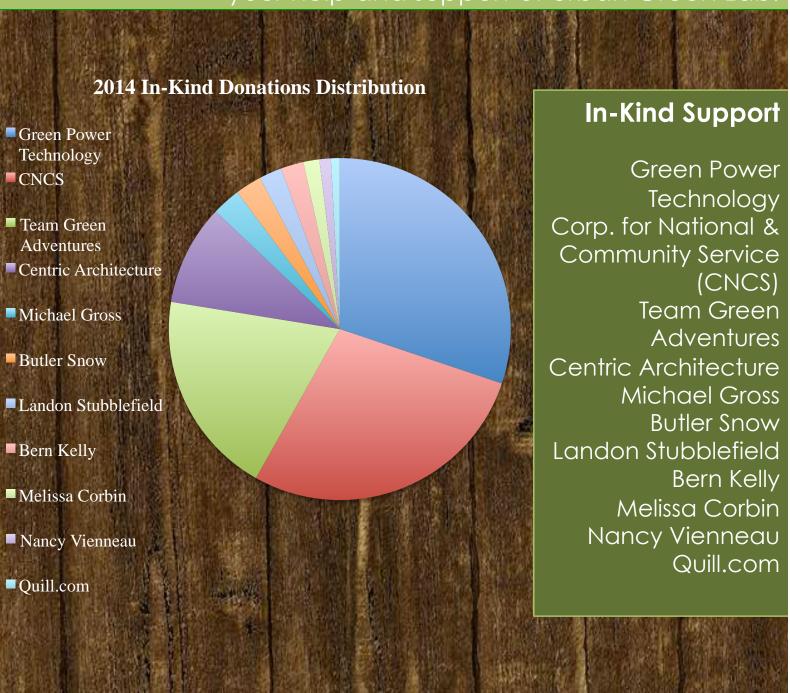
etterlogic



Distribution of Corporate Contributions Nissan First TN Regions Letterlogic Piedmont Jackalope NISSAN



In 2014, we received \$14,835 in in-kind donations through various partnerships. The graph below shows the distribution of in-kind donations given by various partners. Thank you for your help and support of Urban Green Lab!



Urban Green Lab 2014 Annual Report

This annual report makes it clear just how much Urban Green Lab has accomplished this year. We have been able to reach many people throughout Nashville spanning a variety of ages and backgrounds. Many of them have decided to make what they learned with Urban Green Lab a part of their everyday lives. This is thanks in large part to the hard work and dedication of our volunteers, instructors, and staff. Of course, this success is also thanks to our donors. Without help from our committed community partners, our work would not be possible.

Every time you give, Nashville becomes a little bit greener. Your gift goes toward providing that "lightbulb moment" for a student just discovering what sustainability is all about. It helps a low-income resident save money on her energy bill for months to come. It even saves a few pounds of carbon emissions from entering the air by allowing someone to grow their own food at home.

By making a donation to Urban Green Lab, *you* are making these changes happen, and your continued support will make these changes multiply and blossom in the coming years.

Thank you for showing your commitment to a greener Nashville by supporting Urban Green Lab. We truly appreciate your gift!



Enohue

Erin Luce Development Associate Urban Green Lab AmeriCorps VISTA

Partnerships

The following organizations partnered with Urban Green Lab in 2014 to make our community education possible!

12th & Broad All Seasons Gardening & Brewing Belmont University Blackstone Brewing Company Center for Nonprofit Management Chic Pea Catering Community Food Advocates **Cumberland River Compact** E3 Innovate **FiftyForward** Fisk University Gardens of Babylon The Generation Connection Go Green Home Services Goodwill Industries of Mid-TN Green Door Gourmet Green Fork Academy The Green Wagon Greenways for Nashville Habitat for Humanity of Mid-TN Hands on Nashville **Jackalope Brewing Company** Kilowatt Ours Lipscomb University Metro Historical Commission

Metro Nashville Public Schools Metro Parks Metro Planning Department Metro Water Services Music City Center Nashville Sounds Rebuilding Together Nashville Reverb Scarritt-Bennett Center Second Harvest Food Bank Sierra Club SmART! Scrap Made Art Team Green Adventures TN Department of Transportation Tennessee Environmental Council TN Wildlife Resources Agency Thrive Stores Turnip Green Creative Reuse Union of Concerned Scientists Unity of Nashville University School of Nashville Vanderbilt University Walk/Bike Nashville Western Governor's University

Get Involved!

Join a great group of supporters and get involved and help build a healthier, more sustainable Nashville. There are several ways to help:

Donate

Make a tax-deductible donation via our website or by mail to P.O. Box 68348 Nashville, TN 37206. We are grateful for your one-time investment. Even better, choose to make regular, monthly donations and become a sustaining donor to support our long-term financial future.

Partner

Corporate partnerships are vital. As we design and build the mobile laboratory, set to debut in Metro Nashville schools for the 2015/2016 school year, we seek corporate and business donations. Likewise, we seek sponsors of our workshops, which bring sustainable practices into the community. Whether you would like to make an in-kind donation of materials or expertise or make a financial contribution, we welcome your investment in a greener Nashville!

Please contact Erin Luce at grow@urbangreenlab.org or 615-442-7072.

Volunteer

Teach a workshop! If you are knowledgeable in a sustainability-related field and have interest in teaching a workshop for Urban Green Lab, we would love to speak with you.

Host a workshop or event! If you have access to space that you think would be good for an Urban Green Lab workshop or event/fundraiser, let us know.

Lend a hand! If you have a skill – from graphic design to tax accounting to development to IT – you'd like to share, we'd love to put your expertise to good use.

Contact Eileen Schaeffer at connect@urbangreenlab.org or 615-442-7072 for more information.





Making Nashville the Greenest City in the Southeast

