

BUILDING ATLANTA'S SUSTAINABLE FUTURE

FINAL REPORT 2019



2011-2019: REMARKABLE MISSION ACCOMPLISHED

SUSTAINABLE CITY

When the U.S. Department of Energy launched its Better Buildings Challenge in 2011, Atlanta was one of the first three cities to sign on. This ambitious energy conservation initiative aimed to reduce energy use in the nation's commercial and institutional buildings by 20% by the year 2020.

With an immediate response, Atlanta demonstrated a vision of the future in which sustainability is integral and fundamental.

Ahead of schedule, the Atlanta Better Buildings Challenge (ABBC) has met its energy goal, while pioneering a similar effort in water conservation. Atlanta is the first participating city of its size to meet the 20% reduction commitment – all the more noteworthy because the ABBC was a voluntary program in an area of the country with relatively low energy rates.

RALLYING THE COMMUNITY

More than 450 local facilities have answered the call, representing a diverse mix of buildings. The variety of participants – high-rise offices, historic buildings, convention centers, residential complexes, sports venues, government facilities and more – offered challenges in modeling and tracking, and even greater opportunities to gain knowledge and insights for a wide range of future application.

Since its launch the ABBC has saved a combined 6.75 trillion British thermal units of energy use and 1.3 billion gallons of water since the beginning of the initiative. To put this in perspective, that's enough energy to supply more than 150,000 homes for one year and enough water to fill nearly 2000 Olympic-sized swimming pools. Environmental benefits have reached across the Southeast region, while sustainability investments by ABBC participants have boosted the local economy and created jobs.

COLLABORATION IN ACTION

In Atlanta's characteristic spirit, the ABBC has thrived as a partnership of the public, private and nonprofit sectors. It has demonstrated how resource conservation can be advanced in a complex urban environment, offering a framework for replication.

The cooperation of Atlanta's three major office markets – Downtown, Midtown and Buckhead – has been a critical element of the partnership's success. The ABBC has leveraged their competitive dynamic and shared community loyalty to achieve maximum participation, establishing a precedent and paradigm for the next wave of sustainability initiatives to come.

With its original targets met, the ABBC leaves a powerful legacy that sets the stage for ongoing conservation progress in Atlanta and beyond.

“What makes the Atlanta Better Buildings Challenge unique is the size and impact of the program - it is the largest locally led Better Buildings Challenge program in the country - and the longevity and commitment of the partners and participants. Many participants have been engaged from the outset. Atlanta has done an amazing job to sustain interest by adding value through education, recognition and communication.”

MARIA T. VARGAS

Director, U.S. Department of
Energy's Better Buildings Challenge

Utility savings
have helped
FODAC wipe out a
\$1M
debt and dramatically
expand its network of
partners across
Georgia.

 **475**
facilities have
answered the call.


CASE IN POINT:

FRIENDS OF DISABLED ADULTS AND CHILDREN (FODAC)

FODAC provides durable medical equipment at little or no cost to persons with disabilities. Over three decades the nonprofit has distributed more than 35,000 reconditioned wheelchairs in addition to hospital beds, lifts and other specialized equipment. Achieving a 60 percent reduction in energy costs since 2016, FODAC is one of the ABBC's high performing participants. Utility savings have helped FODAC wipe out a \$1 million debt and dramatically expand its network of partners across Georgia.

The efficiency upgrades included LED lighting and a roof-top solar system, made possible by the Kendeda Fund's Grants to Green program. FODAC reduced water usage by converting to low-flow fixtures and faucets and by adding a new “hub scrub machine” to wash wheelchairs. FODAC president Chris Brand values ABBC benchmarking as a key management tool and supports energy audits as a vital part of nonprofit capital planning.

 **319.3B**
kilowatt hours
of electricity use was
saved collectively.

 **49M**
gallons of water
consumption was avoided.

CASE IN POINT:

CITY OF ATLANTA DEPARTMENT OF WATERSHED MANAGEMENT (DWM)

When Atlanta signed onto the Better Buildings Challenge, city leaders committed to include municipal properties, many of which needed efficiency upgrades. For DWM alone, this involved 28 facilities including drinking water plants, wastewater treatment plants and pump stations. While implementing improvements that cut DWM's energy use significantly, the agency also developed a model for measuring water efficiency for use by other cities, since Atlanta pioneered making water efficiency part of its Better Buildings Challenge framework.

Building upon its results as an ABBC participant, DWM has entered a 15-year partnership with NORESKO to implement more upgrades designed to save 1.7 billion gallons of water a year. This work is largely funded by \$107 million worth of savings from improved energy performance. According to Commissioner Kishia Powell of DWM, "The project will not only save the City millions in energy costs, it will ensure that DWM is leaving a positive environmental footprint that will impact all of the City's residents."

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per year

“

Atlanta has a history of targeting and tackling the seemingly unsurmountable. Just as we led the way during the civil rights movement, so are we now setting a course for the nation to follow as we work to improve the lives of our residents and stakeholders. By facing tough climate challenges and striving to be a more sustainable and resilient city, Atlanta achieved a laudable milestone this year; the Atlanta Better Buildings Challenge met its 20% energy reduction goal, two years ahead of schedule. This success is yet another shining example of what we call “The Atlanta Way”. Our city's legacy of progress through public-private partnership continues to be the secret to our ability to lead the region, nation, and even the world on tough issues.

Energy efficiency and clean energy is cost-effective and achievable in both the public and private sectors, and the accomplishment of our energy reduction goals serves as proof. But we are not stopping there. The City of Atlanta adopted Clean Energy Atlanta in March of this year, committing to transition our municipal operations and the city as a whole to 100% renewable energy by 2035. Energy efficiency is a priority in that transition. Existing municipal properties are undergoing a decade-long process to obtain LEED certification as a part of an update to the City's Sustainable Building Design Guidelines. The City's Guaranteed Energy Savings Performance Contract represents the largest single example of this initiative in the nation, demonstrating Atlanta's continued national leadership in the energy efficiency arena. Our goal is to maximize energy savings by improving energy, water and sewage efficiencies in City buildings.

Energy efficiency is essential to achieving our vision for One Atlanta. It yields important benefits for our residents including job creation, reduction of greenhouse gases, improved air quality which provides relief to vulnerable children and elderly who struggle with asthma, and lower home utility bills, making local living more affordable and sustainable.

On behalf of the City of Atlanta, thank you for your work to make our city cleaner, greener and a better place for all Atlantans to call home.

KEISHA LANCE BOTTOMS
Mayor, City of Atlanta



OUR SUCCESS STORY

POWERFUL PARTNERSHIPS

The ABBC collaboration has been driven by five Core Partners whose marketing, technical and management capabilities combined to optimize participation and impact.



THE CITY OF ATLANTA

Mayor Kasim Reed made sustainability a hallmark of his tenure in office and pledged that Atlanta's municipal facilities would take part in the Better Building Challenge as soon as the program was unveiled by the Obama Administration. Mayor Keisha Lance Bottoms has continued this pledge, for the benefit of Atlantans and to showcase success as a model for other cities.



SOUTHFACE INSTITUTE

Nationally known for sustainability expertise, research and education, Southface has provided technical direction for the ABBC, support for individual participants, and in-depth outcomes analysis since the program's inception.



CENTRAL ATLANTA PROGRESS/ATLANTA DOWNTOWN IMPROVEMENT DISTRICT

A nonprofit organization of Downtown businesses, property owners and other stakeholders, CAP provides catalytic leadership on a wide range of initiatives and issues. For the ABBC, CAP has served as the overall coordinator and main marketer, including managing annual recognitions of top achieving facilities.



LIVABLE BUCKHEAD

The Livable Buckhead mission is to make the Buckhead community the kind of place where people want to live and businesses want to operate, with particular focus on sustainability. The organization enlisted members to participate in the ABBC and spread awareness of the program's achievements. Additionally, LBI worked closely with the City of Atlanta, CAP and Midtown Alliance to develop and conduct educational programs and recognition events, set programmatic direction and ensure the ongoing success of the ABBC for metro Atlanta.



MIDTOWN ALLIANCE

Midtown Alliance works to sustain Midtown's vibrancy as a commercial, cultural and educational destination, and a desirable living community. It recruited ABBC participants among its members and promoted the program's benefits and outcomes. Midtown Alliance also assisted in planning educational events and award programs, and in setting overall direction to keep momentum strong.

At its inception, the ABBC was shaped by Founding Partners from the public, private and nonprofit sectors whose dedicated service was vital to success. More than 50 volunteers provided leadership through a Steering Committee and subcommittees on Education, Marketing/Communications, Technical/Benchmarking, Education/Training, ESCO/Utilities, and Finance Incentives.

“Atlanta loves to compete, and that was the inherent motivator for the campaign. The ABBC was a way for Atlanta to respond to a national competition that would improve our sustainable model and reset the bar for the future. No other city has come close to the square footage that has participated here. The ultimate goal was to redefine Atlanta's real estate in terms of efficiency and sustainability, and everyone was tuned to that mission. For the amount of campaign resources that were spent, the impact of the ABBC has been nothing short of a miracle.”

A. J. ROBINSON
President, Central Atlanta Progress

CASE IN POINT:

BANK OF AMERICA PLAZA

Atlanta's tallest building, Bank of America Plaza is a well-known landmark at the edge of Downtown and Midtown and an icon of the metro area's economic strength. The LEED Silver Certified skyscraper towers above the city with 55 stories encompassing 1.3 million square feet.

Bank of America Plaza joined the ABBC early and conducted an ASHRAE Level II audit to identify energy efficiency opportunities. An automation system was added along with new chiller panels and air-handling variable frequency drives. Greenhouse gas emissions were eliminated equal to 96 homes over a full year. An investment-grade water audit led to upgrades that cut indoor water use for flush and flow fixtures by 50 percent and saved 5 million gallons of drinking water in one year. After an irrigation system upgrade and installation of soil moisture monitors, the 3.7-acre site used 64 percent less water compared to conventional irrigation system. Bank of America Plaza was the ABBC's top water performer in 2014.

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GENEROUS SUPPORTERS

Grants from the Kendeda Fund and the Turner Foundation, along with seed money from the Atlanta Downtown Improvement District, were pivotal in launching the ABBC and have helped to make steady expansion possible, including participation by many facilities in communities adjacent to the City of Atlanta.

Georgia Power sponsored the ABBC from the outset and gave essential expertise directly to participants. Other sponsors were Acuity Brands Lighting, AGL Resources Inc., ALB Energy Solutions, Atlanta History Center, Automated Logic, Better World Fund, Brown Paper Tickets LLC, Community Foundation for Greater Atlanta, Consensus Energy, DLB Associates, E. Sam Jones Lighting & Energy Solutions, Eastman Chemical Company, EcoZohm, Energy Services Coalition, Eventbrite, Georgia Recycling Coalition, Heery International Inc., HESM&A Inc., McKenney's, Mingledorff's, Recycling Management Resource/RMR, Schneider Electric, Southeast Pump & Equipment, SRA International Corporation, The Brogdon Group, The University Financing Foundation, Trane, Turner Enterprises Inc., Urjanet Inc.

“Partnering on the Atlanta Better Buildings Challenge was a natural fit for Georgia Power, because the timing and scope lined up well with our commercial energy efficiency rebate programs. These programs, established through the Company's long-term planning process with the Georgia Public Service Commission, have historically provided a roadmap and ongoing menu of options for residential and commercial customers interested in pursuing energy efficiency measures. The ABBC was mutually beneficial, as we were able to provide a valuable service for participants through our detailed energy audits, but it also provided another avenue for Georgia Power to engage with our customers and help them achieve their energy goals.”

BROOKE STARR HAMAN
Georgia Power Renewable Development Principal

FROM A STRONG START...

Committing to reduce energy use by 20% within a decade is a big promise for any building. Each facility owner joining the ABBC made this pledge voluntarily along with verifying data. For many participants, especially older facilities, improvement well beyond 20% were realized.

Participants were enlisted through marketing programs and educational events that laid out the potential benefits, explained the requirements, offered technical help and presented success stories.

Early focus was on the 400-block Downtown area. Within two years, Atlanta had more square footage participating, and had documented more energy savings, than any city other than Washington, D.C. (where all federal buildings participated). In 2012 Atlanta became the first city in the nation to add water conservation to its Better Building Challenge goals, spurring other cities to follow suit. Atlanta was also the first in the nation to meet the Department of Energy's Better Buildings Challenge participation requirements.

Also in 2013, the ABBC expanded beyond Downtown to the commercial hubs of Midtown and Buckhead, adding high-rise offices, healthcare and educational campuses, residential complexes and religious institutions. With Midtown Alliance and Livable Buckhead joining the partnership, the number of participating buildings rose to 120, representing 65 million square feet. By the end of the program, the Atlanta Better Buildings Challenge's portfolio represented about 15% of the commercial space in the City of Atlanta.

ABBC team member Southface received a Climate Leadership Award in 2017 from the Environmental Protection Agency's Center for Climate and Energy Solutions for its work supporting participants in benchmarking their properties by providing technical assistance, education, and building science expertise.

In spite of adding more than
31,000
sq. ft. of space,
AHC has experienced
no increase in utility costs.

CASE IN POINT: ATLANTA HISTORY CENTER

With rare and valuable collections to protect, the Atlanta History Center operates within strict temperature and humidity requirements. The resulting electricity bills sparked a push for energy conservation, leading to an integration of HVAC systems and installation of LED lighting. Along with increased use of well water, the expense impact has been extraordinary. In spite of adding more than 31,000 square feet of space, AHC has experienced no increase in utility costs. Even as attendance surged to view the restored The Battle of Atlanta painting in the new Cyclorama Room, AHC has not needed to add chiller capacity.

Joining the ABBC in 2013 brought a new mindset, says Jackson McQuigg, AHC Vice President of Properties, causing him to look constantly for efficiency opportunities. "The ABBC goals influenced how we approached construction of the Cyclorama Room," he says, noting that part of the space was built underground to save on energy use. As a sustainability successor program to the ABBC, McQuigg hopes for a focus on effective recycling and overall waste reduction.

CASE IN POINT: GEORGIA PACIFIC CENTER

The Georgia-Pacific Center and its property management team are passionately committed to energy conservation. The 35 year-old building has achieved ENERGY STAR certification seven years in a row and has obtained LEED Gold status. The Georgia-Pacific Center has significantly lowered utility costs - despite increases in building occupancy. They have seen such accomplishments through investing in capital improvements such as water pump replacement; installation of low-flow plumbing fixtures; upgrading lighting and control systems on floors and in stairways; and replacing 27 air handling units with new energy efficient fan wall AHU's with variable-frequency drives. They have also invested in educating staff on sustainable practices and prioritizing preventative maintenance. GPC's improvements have resulted in a reduction of nearly 17 metric tons of CO₂.

GPC's improvements have resulted in a **reduction** of nearly
17
MT of CO₂.

... TO LASTING MOMENTUM

The ABBC has influenced Atlanta's governmental, business and nonprofit decision-makers to make sustainability a top priority and allocate resources accordingly.

Participants have made an estimated \$57.4 million worth of capital investment in sustainability improvements, and these will continue to yield energy and water savings far into the future. According to an analysis conducted by Greenlink Group, the ABBC participants' investment in energy and water efficiency has resulted in \$24.5 million in direct savings energy savings, created or preserved 654 jobs, and added \$53 million to the regional economy.

For commercial property owners, the long-term operational efficiency gains will pay ongoing dividends in the form of competitive advantage, cost control and comfort for occupants. Taxpayers will benefit through municipal facilities that cost less to operate and support efficient delivery of service.

CASE IN POINT:

AGNES SCOTT COLLEGE

Agnes Scott College launched an aggressive campus sustainability program in 2007, committing to be carbon neutral in 30 years. With Grants to Green funding from the Kendeda Fund, the college converted to energy efficient lighting and installed geothermal systems that supply HVAC power for 10 percent of square footage on campus. A shift to efficient toilets and faucets has cut water usage significantly. The college has used the utility savings to establish a Green Revolving Fund for ongoing sustainability projects.

Early participation in the ABBC gave extra impetus to these initiatives. "We took advantage of training programs, networking and lunch&learn experiences," says Susan Kidd, executive director of Agnes Scott's Department of Sustainability. "The ABBC's stringent data collection standards reinforced our own rigor." As an added benefit, Agnes Scott students working on an energy efficiency project have had the advantage of interaction with Southface technical experts.

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SUSAN KIDD

Executive Director
Department of Sustainability
Agnes Scott College

Agnes Scott College
launched an aggressive campus
sustainability program in 2007,
committing to be

CARBON NEUTRAL

in 30 years.

In addition to
**reducing
electricity and
water usage by**
20%
or more, these
improvements could
save taxpayers over
\$2M
a year.

HOW THE ABBC HAS DRIVEN CHANGE

ILLUMINATING THE POSSIBLE

Through expert analysis and training, the ABBC has helped participants identify their conservation specific opportunities and maximize the capture of potential savings. Educational offerings have included LEED workshops, retrofit financing seminars and lunch-learn programs that highlight best practices. For many participants, the ABBC has become a networking platform to connect with peers and share ideas on an ongoing basis.

IGNITING ACTION

Participants in the ABBC had access to step-by-step guidance to fulfill their responsibilities and experience the program's benefits. Because of the ABBC's sophisticated data technology for tracking and benchmarking usage, many participants have gained new insight about their operations and achieved additional savings by eliminating inefficient record-keeping processes.

BUILDING KNOWLEDGE

As the largest major city with the smallest water supply, Atlanta's successful push for the Department of Energy to include water efficiency as a goal made abundant sense. The ABBC has shed light on the linkage between water consumption and energy usage, due largely to the immense amount of energy involved in water treatment. Reducing usage of either has a positive effect on the other. In fact, ABBC participants demonstrated that reducing energy use saved 228 million gallons of water that would have otherwise been pulled from Georgia's waterways. In a state with water security uncertainties, such findings are meaningful for municipalities throughout Georgia.

ENCOURAGING LONG-TERM INVESTMENT

The level of conservation achievement aimed for by the ABBC typically has required significant investment, such as new HVAC systems, facility-wide lighting renovation; roof and window upgrades to seal a building's envelope; and extensive plumbing fixture replacement. Some participants already had planned or were in the process of making such improvements when the ABBC launched. For others, the ABBC stimulated new action. The energy and water conservation improvements that all participants have achieved represent long-term capital investments that will pay dividends year after year for a generation or more.

APPLAUDING PROGRESS

Each year the ABBC has shone a bright public spotlight on participants who excel in saving energy and water. Receiving an MVP Top Performers award has become a coveted confirmation of superlative resource stewardship, benefiting the community as well as the participating building or institution. More than 30 participants have received multiple awards.

DRIVING POLICY

Atlanta aspires to rank among the most sustainable cities on the planet, and the ABBC has provided invaluable experience to advance this goal. In 2015 green benchmarking for energy and water consumption became public policy for larger buildings in the City. Also as a matter of policy, facilities make periodic energy and water assessments to promote continued state-of-the-art efficiency in energy and water resource management. Since launching the ABBC, the City has made additional strides in sustainability and resilience, including being selected to participate in the American Cities Climate Challenge. This ambitious challenge will deepen and accelerate efforts to tackle climate change and promote a sustainable future for residents.

CASE IN POINT:

FULTON COUNTY GOVERNMENT

Fulton County government manages more than 100 separate buildings as varied as administrative offices, service centers, courts facilities, health centers, libraries, correctional institutions, and wastewater treatment plants. In 2016 the county launched major capital programs that will upgrade critical energy and water equipment at more than 80 percent of buildings by 2020. In addition to reducing electricity and water usage by 20 percent or more, these improvements could save taxpayers as much as \$2 million a year.

Participating in the ABBC brought added incentives to Fulton County's efforts. "We were very motivated to contribute toward making the metro area the first in the nation to hit the 20 percent usage reduction goal," says Ellis Kirby, Fulton's Deputy COO for Infrastructure. The ABBC's data requirements were a factor in the county's adoption of an advanced tracking system that enables rapid identification of energy and water use anomalies for fast diagnosis and action.

RISING TO THE CHALLENGE

ENERGY AND WATER SAVED

OVER THE COURSE OF THE ABBC PROGRAM:



1,710,434,627 kWh

or 1710434.627MWh
of **electricity** was saved



Total energy savings translated to
2.06883E + 12 lbs

of CO₂ emissions or
1,875,401.00 MT
(In 2018 alone, 4,278 tons of
CO₂ emissions were avoided)



1,300,000 gal

in **water savings** since
2008 Baseline, or the equivalent
of **1978 Olympic Pools**

EQUIVALENT TO...

GREENHOUSE GAS emissions from...

267,133
passenger vehicles driven for one year

2,957,418,622
miles driven by
an **average**
passenger vehicle

433,848 t
of **waste recycled**
instead of landfilled

61,977
garbage trucks of waste
recycled instead
of landfilled

CO₂ emissions from...

122,679,471 gal
of **gasoline consumed**

2,089,436,879 lbs
of **coal burned**

150,664
homes' energy use for one year

265
wind turbines running for a year

0.5
coal-fired power plants in one year

CARBON sequestered by...

20,804,530
tree seedlings grown for 10 years

2,249,406
acres of U.S. forests in one year

1,214,526 MT
of **emissions were reduced**
(from the energy sector)

IMPACT OF ABBC SINCE 2011

ECONOMIC IMPACT

Over the history of the ABBC program, the
investments made in ABBC properties had
significant economic impacts, including:

Created or sustained
654 jobs

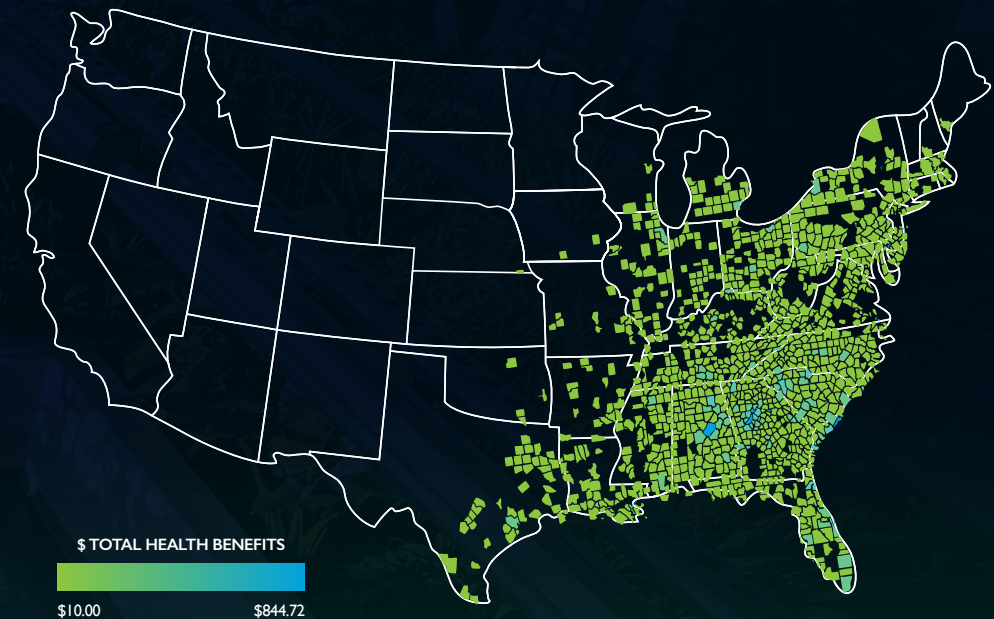
Resulted in **labor incomes** of
\$27.64M

Drove
\$57.41M
in additional **capital investment** in equipment
and services to achieve savings

Added
\$51.63M
to the **regional economy**

Energy efficiency makes the power sector less thirsty.
Generating energy uses a lot of water, so by reducing the amount of energy used in a building, you are also reducing the amount of water that is withdrawn from Georgia's waterways. In 2018 alone, the energy efficiency improvements made in ABBC properties **reduced 38M gallons of water** from being drawn from Georgia's waterways, and also lowered the amount of water being used for energy generation (ie, for cooling) by 8 million gallons.

PUBLIC HEALTH BENEFITS



SOCIETAL IMPACT

ABBC participants' improvements resulted in
\$12.5M in societal benefits.
This \$12.5M represents
a reduction in respiratory illness-related healthcare spending and fewer work loss days due to avoided pollutant emissions from electric power plants.

The investments made in ABBC properties **improved the health conditions** in those buildings, benefiting employers and employees alike. Over the history of the program, **more than 500 instances of illness were avoided** due to building improvements, which not only improves employees' health but also **positively impacts productivity** and therefore a business' bottom line.

ABBC created a publicly-available Data Dashboard to share information about the program's impacts.
VIEW THE DATA DASHBOARD AT WWW.ATLANTABBC.COM

NEW ASSETS FOR SUSTAINABILITY INFRASTRUCTURE

The ABBC legacy will live on in many ways. Beyond the extraordinary resource savings it has pushed to attain, the program has produced a range of innovative tools, metrics and processes to inform future sustainability initiatives.

BENCHMARKING TECHNOLOGY

Because of the ABBC, sophisticated, ready-made benchmarking technology is now available for use by any facility owner or manager seeking to track progress in energy and water efficiency. Many Better Building Challenge participants across the country have utilized the ABBC's work in whole or part.

IMPLEMENTATION MODEL

Atlanta was the first participating city to publish a comprehensive implementation model for a Better Buildings Challenge. A municipal government of practically any size can use it as the blueprint for its own local initiative. From the public-private-nonprofit partner conceptual foundation to details of execution, Atlanta's model provides a flexible framework of proven effectiveness that will continue to deliver value over time. To learn more about the implementation model, visit www.atlantabbcc.com.

GROUND-BREAKING METRICS

The ABBC set out to capture sustainability impacts beyond the basics of how much electricity usage was reduced, or the quantity of water not withdrawn from the City of Atlanta system. Working with Greenlink Group, the program developed a method to measure local economic effects such as jobs created by the heightened demand for technical expertise and the resulting income increases. To measure regional health effects, unique complex models were designed to track the geographic coverage of lower greenhouse emissions due to reduced energy use. In fact, the ABBC has demonstrated that as far west as the Birmingham area, measurable air quality impact is evident – a reminder that the positive consequences of local sustainability efforts are far-reaching. The data is publicly available on ABBC's Data Dashboard at www.atlantabbcc.com.

AMLI buildings are constructed to **LEED** standards and designed for energy efficiency at the Energy Star® level.

CASE IN POINT:

AMLI RESIDENTIAL

With 10 luxury multi-family properties in and around Atlanta, AMLI Residential is known for apartment communities of exceptional quality and emphasis on environmental stewardship. AMLI buildings are constructed to LEED standards and designed for energy efficiency at the Energy Star® level. The savings achieved by LED lighting retrofits in common spaces have convinced AMLI to begin doing the same for apartment interiors. Updated plumbing fixtures and irrigation systems have achieved significant water savings as well, boosted by landscaping that features native and pollinator plants well suited to the local climate.

Two years ago AMLI noted that residential communities were underrepresented in the ABBC and joined the effort. According to Erin Hatcher, AMLI's vice president for sustainability, the company saw an opportunity to make a major contribution to meeting the ABBC's regional goals. AMLI's participation has opened new communication channels with the City of Atlanta to support mutual sustainability goals well into the future.

The Atlanta Better Buildings Challenge exemplifies the rewards of aiming high and executing boldly to make a city sustainable.

- Energy and water are being saved at a difference-making level across Atlanta and adjacent communities.
- Participants have significant utility savings to invest in expanded operations and improved productivity.
- Economic impacts are evident in jobs created and incomes raised.
- Health benefits of reduced greenhouse emissions are influencing a multi-state region.
- Public embrace of sustainability has been reinforced as the way of today, and the wave of the future.

Public, private and nonprofit partners joined to make the ABBC a national front runner in sustainability on a metro-wide scale. Such collaboration is how Atlanta gets things done.

With its 2011 commitment reached, Atlanta's ambition to lead in sustainability is stronger than ever. The ABBC stands as a milestone achievement, and even more as a marker that points toward larger goals ahead.

This is just the beginning. One of the most important goals that the ABBC program accomplished was that it better connected the positive benefits of energy and water efficiency to outside of just the engineering and facilities teams of these buildings to the C-Suite of companies who realized the reduction in operating costs, risk management and positive environmental impact."

ANDREA PINABELL
President, Southface Institute

GOING FORWARD

ABBC LEADERSHIP

The Atlanta Better Buildings owes its success to the many individuals who participated in **ABBC's Steering Committee and Subcommittees** over the history of the program.

Leslie Adebayo	JC Burton	Tami Diehl	Tracy Green	Brian Kimsey	Tyronda Minter	Kathy Robb	Steven Sveda
Judy Adler	Shelby Busó	Yvonne Douglas	Cameron Griffith	Chris Knapik	Brandy Mitchem	AJ Robinson	Kate Taber
Juliette Apicella	Thomas Campbell	Lauren Dufort	Ira Haber	Andrew Ladd	David Mook	Sue Ross	Jasper Tanner
Jennifer Asman	David Campbell	John Dunn	Rex Hamre	Randy Lagod	Bridgette Moore	Crystal Rosser	Ben Taube
Harold Barnette	Jennifer Carlile	Chad Durham	Gloria Hardegree	Mayor Keisha Lance Bottoms	Bryan Morris	Cindy Rotton	Kenyon Thweatt
Aaron Bastian	Leesa Carter	Jim Earley	Garry Harris	Melinda Langston	Leonard Morrow	Dale Royal	Marty Tomlinson
Bruce Battle	Bonnie Cassamassima	Susan Ellis-Proper	Synkai Harrison	Nancy Larson	Stephen Morton	Becca Rushin	Shayne Totten
Glen Bellamy	Toby Chandler	Holly Elmore	Zack Hasan	Angie Laurie	Carol Moss	Chris Ruskin	Michael Trapani
David Bennett	Michael Cheyne	David Ennis	Bobby Hays	David LeFevre	Mary Margaret Murphy	Elissa Ryan	Ramesh Vakamudi
Tania Beohm	Lily Chiang	Michael Flood	Laura Heery-Prozes	Audrey Leous	Amol Naik	Scott Sadler	Paula Vaughan
Barry Berlin	Charlie Cichetti	Roger Flud	CJ Hicks	Stu Lipkin	PJ Newcomb	Andrea Schroer	Emily Violette
Daniel Blackman	Crystal Clark	David Freedman	J.R. Hipple	Laura Little	Matt Norman	Beth Senkbeil	Troy Von Ottnot
Don Blackston	Joseph Clements	Jacqueline Furlong	Russell Holly	Lynn Lopes	Megan O'Neil	Laura Seydel	Mike Waddell
Tricia Bonner	Vic Clements	Victor Gaither	Wes Holmes	Peter Lyon	Matt Otani	John Rutherford Seydel II	Trey Ward
John Bracey	Matt Cox	Carl Garofalo	Bill Hosken	Jodi Mansbach	Abbey Patterson	Tahmida Shamsuddin	Cartrell Watts
Rob Brawner	Marcus Craig	Nancy Geisler	Dan Hourigan	Charles Marshall	Sarah Peek	Cecilia Shutters	Judith Webb
Walter Brown	Trey Crayford	Chad Gilpin	Mary Howard	Clint Mays	Andrea Pinabell	Norah Silva	Kelly Weisinger
Mitch Brown	Dennis Creech	Matthew Gladysz	Ciannat Howett	Chris McCall	Kurt Powell	Michelle Simard	Dave Williams
Amanda Brown-Olmstead	Cody David	Shannon Goodman	Becky Johnson	Lawren McChesney	Jeshua Pringle	Suganthi Simon	Matt Williams
Jennifer Bumgarner	Tom Davis	Kailor Gordy	Brandon Jones	Alex McCray	Jean Pullen	Ryan Smith	Joe Winslow
Suzanne Burnes	Dionne Delli-Gatti	Anne Gorelick	Huiet Joseph	D McDear	Trevor Quander	Nathaniel Smith	Michelle Wiseman
				Ren McDearis	Denise Quarles	Frank Stark	Clark Wisenbaker
				Amber McFarland	Maria Quinones	Denise Starling	Tom Woodward
				John McFarland	Mayor Kasim Reed	Brooke Starr Haman	Mark Zboran
				Stephen McRae	Bourke Reeve	Bill Strang	
				Tony Menefee	Amanda Rhein	Stephanie Stuckey	

THANKS

ABBC PARTICIPANTS

The following property owners enrolled at least one building in the **Atlanta Better Buildings Challenge:**

A Child's Voice Child Advocacy Center	Clark Atlanta University	Highwoods Properties	PM Realty Group
A Friend's House	Colony House Condominiums	Hilton Hotels	Portman Management Company
Agnes Scott College	Community Management Associates	Hines Atlanta	Premier Academy
AmericasMart	Core Property Capital	Humane Society of Morgan County	Regent Partners
AMLI Residential	Cousins Properties	Hyatt Regency Atlanta	Richard Bowers & Company
Arts Clayton	Cox Enterprises	Integral Group	Riverview Realty Partners
AT&T	Cox Media Group	Interstate Hotels	Selig Enterprises
Atlanta Board of Realtors	Crocker Partners	Jackson Oats Shaw Corporation	Shorenstein Realty Services
Atlanta Community Toolbank	Cushman & Wakefield	Jamestown Properties	Simon Property Group
Atlanta History Center	Diplomat Companies	Jerusalem House	Southface
Atlanta Housing Authority	Eagle Ranch School	JLL	Spelman College
Atlanta Journal-Constitution	Emory Healthcare	John Hancock Real Estate	St. Luke's Episcopal Church
Atlanta Mission	Emory University	Legacy Community Housing Corporation	The Coca-Cola Company
Atlanta Neighborhood Charter School	Federal Reserve Bank of Atlanta	Legacy Property Group	The Epstein Group
Atlanta Property Group	Fernbank Museum of Natural History	Lincoln Property Company	The Fox Theatre
Atlanta Public Schools	Frazer Center	Little 5 Points Center for Arts & Community	The Georgia Trust for Historic Preservation
Atlanta Spirit, LLC	Friends of Disabled Adults and Children	Luckie Street Properties	The Salvation Army
Atlanta-Fulton Public Library System	Fulton County Government	Madison-Morgan Cultural Center	The Simpson Organization
Atrium Hospitality	Fulton County Schools	Mandelis	The Westminster Schools
Ballethnic Dance Company	Gallery Condominiums HOA	Marriott	Tishman Speyer
Banyan Street Capital	Gateway Facility Services	Metro Atlanta Chamber of Commerce	Transwestern
Baywood Hotels	Georgia Institute of Technology	Morehouse College	Turner Properties
Big Brothers Big Sisters of Metro Atlanta	Georgia Power	Morehouse School of Medicine	U.S. General Services Administration
Biltmore House Condominium Association	Georgia State University	North American Properties	UPS Foundation
Blue Heron Nature Preserve	Georgia World Congress Center	Parkway Properties	W Atlanta-Midtown Hotel
Boxer Property	Georgia-Pacific	Parmenter Realty Partners	Westin Hotels & Resorts
Boys and Girls Club of Metro Atlanta	Grady Health System	Peachtree Loft Condominiums	Woodruff Arts Center
City of Atlanta	Hendon Properties	Pierce Education Properties	Zoo Atlanta

ABBC MVP AWARD RECIPIENTS

2014 Energy Star Award: St. Luke's Episcopal Church Water Saver Award: The Georgia Trust-Rhodes Hall Outstanding Energy Project: Fox Theatre Outstanding Water Project: Bank of America Plaza Tenant Engagement Award: Hines Property Management Individual Impact Award: Mark Gallman, Highwoods	2017 College / University: Emory University Office: Georgia-Pacific Center Entertainment: Atlanta History Center Distribution Center: Atlanta Community ToolBank K-12 School: Fulton County Schools Public Service: Hemphill Water Treatment Plant Healthcare: T3 Labs Multi-Family: AMLI Residential Individual Champion: Michael Lope	2018 Individual Champion Award: Wes Shirley All Star Award: Atlanta Neighborhood Charter School Water Innovation Award: Madison Morgan Cultural Center Gamechanger Award: Kendeda Building for Innovative Sustainable Design Energy Innovation Award: Hartsfield-Jackson Atlanta International Airport 2019 2018 Energy Champion: One Buckhead Plaza 2018 Water Champion: Woodruff Arts Center Memorial Arts Building Individual Leadership Award: Kenneth Darrisaw Nonprofit Leadership Award: Friends of Disabled Adults and Children (FODAC) Municipal Leadership Award: Hemphill Water Treatment Facility Better Buildings Commitment Award: Fulton County Schools Overall ABBC Water Champion: Georgia Pacific Center Overall ABBC Energy Champion: The Coca-Cola Company
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AWARD WINNERS

