

Green Ribbon Committee: 2010 Update

2010 Highlights

Mayor Creates Office of Environment and Sustainability: On April 1, 2010, Mayor Karl Dean announced the creation of a new Office of Environment and Sustainability to coordinate work with Metropolitan Government departments and the broader community to reach the goal of making Nashville “the greenest city in the Southeast.” Mayor Dean named environmental attorney Chris Bowles as the Director of that Office.

Green Renovations on Fulton Campus Complete: In November 2010, Metro completed construction on a major renovation to the Howard Office Building and Lindsley Hall.

Because the plans and budget for this project were initiated prior to Nashville’s LEED ordinance taking effect, there was no obligation for the campus redevelopment to incorporate sustainable elements at all. Under Mayor Dean’s leadership, the project was redesigned with LEED certification as the goal. Metro Government has submitted all the necessary paperwork to the U.S. Green Building Council, and is waiting for final approval of LEED Silver Certification for both buildings. The Howard Office Building’s sustainability features include a rooftop solar array with a display in the lobby showing the electricity produced. With Lindsley Hall, Metro was able to maintain the historical features of the building while achieving significant building performance gains. The campus parking lot includes low impact development measures, such as pervious pavement and natural plantings.



Nashville Awarded \$6.2 Million in Federal Funding for Sustainability Programs: Metro’s green efforts received a boost last spring when it received a \$6.2 million Energy Efficiency and Conservation Block Grant from the Department of Energy. The majority of that money is being spent on energy efficiency retrofits of Metro buildings. Specifically, several libraries and fire halls are receiving new HVAC controls and improvements, as well as lighting and water conservation measures. The grant also will fund the installation of four geothermal heating and cooling systems, including at the NABRICO building.

The building retrofit measures generally will have less than 10 year payback periods. At the Main Library, upgrade to the lighting and HVAC systems will save approximately \$100,000 per year and will pay for themselves in less than five years.

The Mayor's Office of Environment and Sustainability Awarded \$250,000 Grant from Southeast Energy Efficiency Alliance (SEEA): On December 23, 2010, Metro received final approval of a \$250,000 grant to promote residential energy efficiency. In partnership with NES and TVA, Nashville's program will offer single family homeowners up to \$1,000 in financial incentives for following through on a personalized energy action plan, which specifies the combinations of home improvement measures that are projected to result in a minimum 15% reduction in energy consumption. Participating homeowners will receive their energy action plan during a free in-home energy evaluation with a trained energy advisor, which is valued at \$300.

The Mayor's Office set a target of 600 energy evaluations and 240 completed energy action plans in the next 6 months. This is an aggressive goal by national standards given the size of the grant. The program also will attempt to achieve an average of 15% reduction in energy consumption across all homes that enter the program, including homes in which the homeowners received education through the home energy evaluation process without following through on their energy action plans. Nashville will compete with other cities in SEEA's consortium for funding in future years. The grant amount will be based on its success in meeting these targets.

The Mayor's Office chose to focus on the residential sector in the first year of the program for three reasons: (1) job creation, (2) consumer engagement and education, and (3) the opportunity to leverage substantial existing resources. If Nashville receives additional funding, the program may expand into the commercial, large institutional, and industrial sectors.

The Green Ribbon Committee recommended that that the City "develop green jobs as a pathway to a green economy." The goal of Nashville's energy efficiency initiative, in addition to a reduction in community-wide energy consumption, is to help expand the market for energy efficiency improvements to the point where it will not need to rely on government subsidies in the future. A residential focus helps achieve that goal by offering more opportunities for contractors to get experience in energy efficiency work, gain the necessary skills and knowledge, and learn how to sell customers on the benefits of energy efficiency. By focusing on residences, Nashville is able to offer smaller amounts of incentive money to a larger number of customers.

Waste Management Code Updated: Nashville took a major step forward in its waste reduction efforts in August 2010 with the passage of an updated waste management code. The updated code phases in a ban on yard waste, cardboard, and e-waste from entering our landfills. It also includes a new usage fee for customers who set out additional trash carts,

which was a Green Ribbon Committee recommendation designed to increase recycling rates. In 2012, Public Works will begin charging customers a fee if they use more than two trash carts. Starting in 2014, the fee will apply to customers that use more than 1 cart.

Recycling services will also be more accessible in the General Services District. Waste haulers providing service to any residents and businesses within Nashville and Davidson County will be required to offer a recycling option to their customers.

In addition to the code improvements, a portion of Metro's EECBG funding is going toward the purchase of 120 recycling/waste stations for public areas of Metro Nashville government buildings, 6,800 desk-side recycling bins for classrooms at all 143 public schools, 28 pedestrian recycling containers, and 2 sets of solar compacting recycling/waste stations.

Planning Process for Nashville's Open Space Plan Complete: Having completed the planning process for its Open Space Plan, Nashville is poised to become a national leader in conservation-led development, green economic growth, and preservation of both natural and cultural resources. The development of that plan is being managed as a public/private partnership between the Mayor's Office and The Land Trust for Tennessee.

In 2010, The Conservation Fund, which consulted on the project, finished an extensive inventory of Davidson County's natural and cultural resources. The project team also held a round of public forums to hear the community's input on open space planning options. That team included a technical advisory committee comprised of a broad range of public- and private-sector leaders.

In anticipation of the launch of the plan, the city has already made progress on many of the major themes identified during the planning process. Most notably, Mayor Dean seeded Metro's first-ever Open Space Acquisition Fund with \$5 million dollars from the FY2011 capital budget. That fund will allow for strategic land acquisitions consistent with the vision laid out in the Open Space Plan. In the spirit of public/private partnership, Metro will work with the Land Trust to leverage that Fund with federal, state, and private dollars to maximize the preservation of the county's open space network.

Downtown Tree Canopy Assessment Complete: A significant Green Ribbon Committee recommendation was to complete a downtown tree canopy assessment. This assessment, which Metro completed in April 2010, lays the groundwork for a more comprehensive tree planting and maintenance program designed to improve the quantity and health of Nashville's trees.

Work Begins on Nashville's First-Ever Low Impact Development Manual: In December 2010, Metro began work on a Low Impact Design (LID) Manual that will become an additional volume of Metro's stormwater regulations. The LID manual will establish incentives for developers to include green stormwater infrastructure in development plans. This manual is the direct result of a Green Ribbon Committee recommendation and will have a significant impact on water quality in the city. It also will promote tree plantings that will absorb carbon dioxide, clean the air, and help reduce the urban heat island effect.

Mayor Signs Complete Streets Executive Order: On October 6, 2010, in the spirit of Walk Nashville Week, Mayor Karl Dean signed an Executive Order formalizing Nashville's "Complete Streets" policy. This order ensures that public streets are built to accommodate all modes of transportation, including walking, bicycling and mass transit. "For decades Nashville roads were built with only cars in mind," Dean said. "We have come a long way in recent years in terms of adding sidewalks and bikeways, and making mass transit more convenient for people to use. It's important for the health of our citizens and for our city's long-term sustainability."

Nashville has also been recognized for its use of federal funds on bicycle and pedestrian facilities. A report by a national transportation and land use policy organization, Transportation for America, ranked the Nashville Metro area second highest for spending on bicycle and pedestrian safety in the top 52 Metro areas in the country.

Progress on the Music City Bikeway: Connectivity is a critical component to Nashville's active transportation initiatives and its open space system. Greenways and bikeways connect people to their natural environment and provide safe infrastructure for active alternatives to car transportation. Metro has a long-standing goal of connecting Percy Warner Park to Percy Priest Lake through a network of greenways and bikeways - called the Music City Bikeway - that runs through North Nashville, MetroCenter, Shelby Bottoms, and along the Stones River. The three unfinished segments of that bikeway will be completed by August 2011. They are a connection between Percy Warner Park and the Richland Park Greenway, a greenway connection between TSU and downtown, and improvements to Charlotte Avenue.

Music City Circuit Launches: In March 2010, MTA began running a free circulator service for people who live, work or visit the downtown area. Currently, there are three routes that connect the downtown to the Farmer's Market, the Gulch, and the Metro Offices at the newly renovated Fulton Complex.



MTA Installs New BRT Shelters: MTA has completed construction of state-of-the-art bus shelters for BRT stops along the Gallatin Road corridor. These shelters include solar-powered lights, scrolling displays that show the arrival time of the next bus, large illuminated system maps, and bike racks.

Impact Nashville Launches: In April 2010, Mayor Dean named former Green Ribbon Committee member Laurel Creech as Nashville's first-ever Chief Service Officer. That position is funded by the Rockefeller Foundation through its Cities of Service grant. Nashville was one of only 10 cities awarded this prestigious grant. That grant requires the city to implement a plan that addresses some of the Nashville's most pressing needs through volunteerism and citizen engagement. That plan, and the program to implement it, is called Impact Nashville.

Impact Nashville is focusing in part on Nashville's environmental needs in the areas of energy consumption and water quality, with a focus on flood recovery. On energy, the city is facilitating volunteers to work one-on-one with flood victims in the rebuilding process to integrate energy efficiency and conservation behaviors into their homes and lives. Impact Nashville is also helping coordinate neighborhood canvassing in support of the city's residential energy efficiency program; volunteer cleanups of flood debris from Nashville's waterways; and rain garden and tree plantings throughout the city in partnership with the Cumberland River Compact and Metro Water Services. More information about the program and opportunities for getting involved can be found at <http://impactnashville.net>.

Mayor Dean Signs Letter of Intent to Participate in EV Project: On November 15, 2010, Mayor Dean signed a formal letter of intent to host approximately 35 electric vehicle charging stations on Metro property for public use. These will be installed as part of the EV Project, which is a Department of Energy initiative to install charging stations in five states

across the country. Through the EV Project, the Nashville area will receive approximately 200 charging stations. Charging stations also will be installed in Chattanooga, Knoxville and Memphis. DC-Fast Chargers will be installed along I-24 and I-40 connecting all four cities.

Mayor and MTA Announce Transportation Study: Mayor Karl Dean joined the Nashville Metropolitan Transit Authority in announcing a significant step forward in efforts to expand local transportation options with a study of the Broadway/ West End corridor. On January 27, 2011, Nashville MTA's Board of Directors voted to award a transportation alternative analysis study of the Broadway/West End corridor to Parsons Brinckerhoff, who competed with three other top firms for the job. The study will identify the transit needs of the corridor and examine all feasible high capacity transit options such as Urban Street Car, Light Rail Transit or Bus Rapid Transit (BRT) that could be implemented to meet those needs. "I am pleased the MTA Board took this action, which is the first step in making the investments that need to be made in improving the way our citizens and visitors travel along this extremely busy and vital corridor," Nashville MTA officials said the end result of the 12-month study will identify a preferred transportation investment for the corridor.

The study also has been structured to meet existing Federal Transit Administration (FTA) requirements, as well as policy initiatives for Livable and Sustainable Communities. This will position Nashville favorably to compete for additional federal funds/ to design and build a new Urban Street Car, Light Rail Transit or BRT. The PB project team will do significant data collection and analysis, seek the involvement of those who work, live, or frequently travel along the Broadway/West End corridor through focus groups, interactive web-based programs, social media, neighborhood group meetings, transit surveys, and meetings with area businesses.

To pay for this first phase of the study, the Nashville MTA will use a \$1.18 million federal grant that was recently awarded to them by the FTA. The agency applied for the grant last summer and was notified of the award last month.

Green Ribbon Committee Recommendations

The following pages contain highlights of progress toward reaching and implementing the goals and recommendations of the Green Ribbon Committee. While some recommendations may not contain an update at this time, all recommendations have been considered by Metro Government Departments and are in various stages of progress. Many have had initial discussions with various potential community partners. Further, departments are researching best methods and determining optimal strategy going forward.

REDUCE GREENHOUSE GASES

Goal 1. Reduce Metro Government's greenhouse gas emissions back to 2005 levels by 2012, reduce 20% further by 2020, and 80% by 2050.

- **1.01 (Midterm)** - Develop a multi-year Nashville-themed campaign about the correlation between behaviors and greenhouse gas emissions.
 - The Mayor's Office is coordinating marketing and community outreach funding received through its EECBG and the Metro Public Health Department's "Communities Putting Prevention to Work" Grant to create a joint campaign that focuses on the connections between a green city and healthy communities. This program will highlight individual behaviors that impact greenhouse gas emissions in combination with the health impacts associated with those behaviors.

BUILD A CULTURE OF SUSTAINABILITY

Goal 2. Build a culture of sustainability.

- **2.01 (Quick Win)** - Expand current Green Team and identify an "Environmental Steward" or "Green Team" for all Metro Departments to set and track environmental goals annually.
 - 2008: Metro Government's Internal Green Team was created to assist the Green Ribbon Committee in conducting research. This team included the 10 core Metro Government Departments with environmental responsibility: Codes and Building Safety, Farmers Market, General Services, Metropolitan Development and Housing Authority, Metro Transit Authority, Parks and Recreation, Planning Department, Public Health, Public Works, Water Services.

- 2009: Expanded Green Team to include Information Technology Systems, Human Resources, Metro Nashville Public Schools, Finance Department, Convention Center and Public Library. Continued meetings, working on setting goals and tracking progress. Additionally, Metro Government is using meetings to increase knowledge of green team by hearing from subject matter experts such as Bill Malcolm, Metro Fleet Manager, who presented on Metro's anti-idling policy, fuel conservation tips, green fleet strategy for Metro and more.
- **2.02 (Quick Win)** - Require a "Green Education" component as a part of Metro's Human Resources training program, and encourage a similar program for teacher in-service.
 - Fall 2009: Metro staff developed script for Human Resources to incorporation into New Hire Orientation.
- **2.05 (Midterm)** - Establish a Metro Government agency for environmental and sustainability policy with authority, accountability and funding (a board, director and staff) to keep a permanent focus on environmental/green issues.
 - April 2010: Mayor Dean created the Mayor's Office of Environment and Sustainability, which is currently staffed by a Chris Bowles, Director, and Luke Gebhard, Energy Efficiency Program Manager.
- **2.06 (Midterm)** - Develop a Green Jobs Training Program that would help Nashville's workforce be prepared to meet the demands of a growing green economy.
 - July 2009: Metro Council adopted Resolution #RS2009-866 encouraging the creation of a Green Jobs Corps in Nashville and Davidson County.
 - Fall 2009: The Nashville Area Chamber of Commerce has created a green jobs task force. This task force has been charged with the development and implementation of a strategic plan to attract green jobs to the Nashville region.
 - December 2010: Nashville's residential energy efficiency program, funded by the Better Buildings Grant received from the Southeast Energy Efficiency Alliance, will focus on "green collar" workforce development to meet the expected increased demand for home energy improvements.

- **2.08 (Midterm)** - Establish a sustainability education program for builders, contractors and developers.
 - December 2010: Nashville’s residential energy efficiency program, funded by the Better Buildings Grant received from the Southeast Energy Efficiency Alliance, will focus on “green collar” workforce development to meet the expected increased demand for home energy improvements.
- **2.09 (Long Term)** - Establish a Center for Sustainability Education and Green Building Design as a public/private partnership that would showcase and provide education on green building practices.
 - 2010: Metro has been in discussions with various community partners about coordinating a network of smaller, private-sector sustainability education centers to accomplish this goal.

Goal 3. Establish a “green tourism” program with Nashville's citywide emphasis on being green recognized as part of the city’s popular image.

- **3.01 (Quick Win)** - Establish a “Green Speakers Bureau” beginning with a core group of environmental leaders.
 - October 2009: Established team of speakers on a variety of topics from energy conservation, waste reduction, water conservation, etc. Speakers can be requested for neighborhood/community, business or civic group meeting by emailing green@nashville.gov.
- **3.02 (Quick Win)** - Create a comprehensive website for promoting sustainability.
 - August 2009: Launched www.nashville.gov/green as the start of a comprehensive website. Improvements and additions to this site are ongoing.
- **3.03 (Midterm)** - Establish a wide-ranging awareness and education campaign.
 - The Mayor’s Office is coordinating marketing and community outreach funding received through its EECBG and the Health Department’s “Communities Putting Prevention to Work” Grant to create a joint campaign that focuses on the connections between a green city and healthy communities. This program will highlight individual behaviors that impact greenhouse gas emissions in combination with the health impacts associated with those behaviors.

Goal 4. Embrace and celebrate good examples of sustainable living.

- **4.01 (Quick Win)** - Create a “Green Neighborhood Program” that would foster a positive, competitive spirit among neighborhoods across the city to be cleaner and greener.

- June 2009: Conducted survey of attendees at Healthy and Sustainable Neighborhood Conference to gauge interest as first step.
- 2010: Councilwoman Kristine LaLonde’s “Go Green District 18” initiative invited friendly competition by challenging other Metro Council districts to “go green” by signing up the most residents for in-home energy evaluations. The Councilmembers from Districts 6 and 25 have accepted the challenge and Districts 7 and 24 have expressed interest as well.



Goal 5. Support and encourage environmental education in our schools to instill upon our future generations a sense of love and responsibility for our natural resources.

- **5.02 (Midterm)** - Include all MNPS in the Tennessee Pollution Prevention Partnership Program.
 - Fall 2009: The Tennessee Pollution Prevention Partnership (TP3) is a program of the Tennessee Department of Environment and Conservation. The following public schools are currently members of TP3.

- John Trotwood Moore Middle School
- Martin Luther King Magnet School
- Granbery Elementary School
- Sylvan Park Elementary School
- Robertson Academy Gifted and Talented Program
- Eakin Elementary School
- H. G. Hill Middle School
- Lockeland Elementary School
- Croft Middle School



Additionally 12 other schools have contacted TP3 to consider membership.

Goal 6. All Nashvillians should actively connect with and care for our natural resources.

- **6.01 (Quick Win)** - Implement a Mayor's "Green Note Leadership Award Program" for recognizing outstanding green leaders. Consider multiple award categories, such as churches, schools, neighborhoods and businesses.
 - 2010: The Mayor's Office is actively working with community partners and various Metro departments to implement this recommendation.

CONSERVE ENERGY, REDUCE WASTE, AND GREEN OUR BUILDINGS

Goal 7. Reduce energy use by 5% by 2012 and 20% by 2020.

- **7.01 (Quick Win)** - Implement a Mayor's Environmental Pledge Program that would allow citizens to commit to taking five steps toward creating a healthier, cleaner environment for everyone.
 - June 2009: Launched [Mayor's Environmental Pledge](#) in front of thousands of Nashvillians at the Nashville Sounds Go Green game.
 - So far, over 750 Nashvillians have taken the pledge.
- **7.02 (Quick Win)** - Implement program at NES to switch from petroleum oil to a soybean-based oil for transformers used city wide.
 - August 2009: Nashville Electric Service went "greener" with renewable soybean oil in all new distribution transformers.
- **7.03 (Midterm)** - Issue window stickers that provide free meter parking for clean technology vehicles.
 - December 2010: Council ordinance, establishing a pilot program allowing environmentally friendly vehicles to park for free at downtown parking meters so long as they purchase a sticker from the County Clerk certifying that their vehicle qualifies for the program.



- 7.04 (Midterm) - Develop a Metro Government sustainability program that incorporates healthy and efficient building practices (beyond weather stripping) into affordable housing practices.
 - MDHA is systematically implementing energy-saving strategies enterprise-wide, with a particular emphasis on its high-rise properties for the elderly and disabled. Those efforts include a geothermal energy system at Parkway Terrace Apartments and an energy retrofit of Parthenon Towers that includes a large solar array.
- 7.06 (Midterm) - Develop a Metro Green Fleet program to expand the use of electric vehicles, hybrids and bio-diesel to help diversify energy supplies, decrease emissions and support regional economic activity.
 - As part of its 11 year plan to green the city's fleet, Metro Fleet Maintenance continues to systematically expand the number of alternative fuel vehicles purchasing hybrids, flex-fuel and fuel efficient light duty vehicles for FY10 new vehicle purchases. Currently, Metro Fleet has 12 hybrids and 440 flex-fuel (gasoline/E-85) capable vehicles.
- 7.07 (Long Term) - Adopt an Advanced Metering Infrastructure (AMI) system for NES residential customers that would enable them to manage their energy consumption and conservation efforts.
 - 2010: NES made preparations to pilot an AMI program.

Goal 8. Reduce waste in Davidson County by 35% by 2012 and by 65% by 2020.

- 8.02 (Midterm) - Provide incentives for private waste haulers to offer recycling collection.
 - August 2010: Under the revised Waste Management Code, waste haulers providing service to any residents and businesses within Nashville and Davidson County will be required to offer a recycling option to their customers.
- 8.03 (Midterm) - Increase the number of downtown recycling containers for pedestrians.
 - 2010: Metro allocated a portion of its EECBG funding to purchase of 28 pedestrian recycling containers for downtown pedestrian use. In addition, two

sets of solar compacting recycling/waste stations will be installed in Metro Parks.

- 8.04 (Midterm) - Develop and implement a city-wide program for recycling construction and demolition debris.
 - April 2010: Metro Council passed two ordinances related that make it easier to operate construction and demolition (C&D) waste recycling operations in Nashville. As a result of this legislation, C&D recycling operations are permitted on the site of C&D landfills and on or near the site of a demolition of a construction project from which C&D materials are generated. Both pieces of legislation help divert C&D materials away from landfills and toward productive uses.

- 8.06 (Midterm) - Require business and industry to divert fiber, e-waste, yard waste, wood (e.g., pallets) and metals from landfills.
 - August 2010: The revised Waste Management Code phases in a ban on yard waste, cardboard, and e-waste from entering our landfills.

- 8.07 (Midterm) - Provide recycling at all multi-family dwellings in the Urban Services District.
 - August 2010: Under the revised Waste Management Code, waste haulers providing service to any residents and businesses within Nashville and Davidson County will be required to offer a recycling option to their customers.

- 8.08 (Midterm) - Ensure adequate and convenient recycling containers available at all Metro Government buildings, city-owned sites and city-sponsored functions.
 - 2010: A portion of Metro's EECBG funding is going toward the purchase of 120 recycling/waste stations for public areas of Metro Nashville government buildings and 6,800 desk-side recycling bins for classrooms at all 143 public schools.

- 8.09 (Long Term) - Implement a "Pay as You Throw" utility program for solid waste disposal in Davidson County.
 - August 2010: The revised Waste Management Code includes a new usage fee for customers who set out additional trash carts. In 2012, Public Works will begin charging customers a fee if they use more than two trash carts. Starting in 2014, the fee will apply to customers that use more than 1 cart.

Goal 9. Reduce environmental impacts of buildings through green building practices.



9.01 (Quick Win) - Establish a “Green Building Challenge” to publicize Metro’s green building practices and encourage Nashville’s top 50 businesses to meet Energy Star by 2012 and LEED Existing Building (with a focus on water usage) by 2020.

- 2010: The Mayor’s Office is actively working with community partners and various Metro departments to implement this recommendation.

9.02 (Midterm) - Provide private-sector green building incentives, including expedited plans and reviews, high-density bonuses and fee rebates.

- February 2010: Council passed the Downtown Code, which provides incentives through density and height bonuses for LEED buildings, LEED neighborhood developments, creating open space, and other sustainable features.

9.04 (Midterm) - Develop and implement a “White Roof” campaign encouraging businesses to paint or replace existing or new roofs with highly reflective ones.

- July 2009: Green Building resources including link to EPA's white roof cost savings calculator placed on Metro Government’s Development Services website (www.nashville.gov/ds). This website is a one stop shop for all developers and builders to assist with the application and permitting process.

9.05 (Midterm) - Complete a solar installation at a high-profile public building in Nashville.

- November 2010: Metro completed its renovation of the Howard Office Building, which is expected to receive LEED Silver certification. The renovation included a 30 kW solar photovoltaic system with a publicly available display in the lobby showing the electricity produced from the panels.

9.06 (Midterm) - Adopt the Environmentally Preferred Purchasing (EPP) program for Metro Government-wide consumables, durable goods, and equipment.

- November 2009: Finance Department has established a Green Procurement Task Force. The Task Force has been charged with developing a policy, identifying products and associated costs and methodology for use by departments.

9.07 (Midterm) - Retrofit 10 existing Metro Government buildings to attain LEED Existing Buildings (EB) Silver certification, or comparable third party verified system, and initiate a program for retrofitting 50%.

- 2010: Renovations are complete on the Howard Office Building and Lindsley Hall and awaiting LEED Silver Certification. Renovations are underway at McCabe Park Community Center.

9.08 (Midterm) - All new public or publicly-funded buildings and building renovations should be LEED Silver certified or comparable third party verified system.

- The Metro Council passed a version of this recommendation in Substitute Ordinance BL2007-1374.

9.09 (Midterm) - Encourage all new commercial and residential buildings to meet Energy Star by 2012 and LEED Silver certified or comparable third party verified system by 2020.

- February 2010: Council passed the Downtown Code, which provides incentives through density and height bonuses for LEED buildings, LEED neighborhood developments, creating open space, and other sustainable features. Further, Mayor Dean, many Metro Council Members and other community leaders have been celebrating LEED and environmental achievements in the commercial and residential sector throughout the community such as J2K Builders, Caterpillar Financial, Schneider Electric, Beamen Toyota, and the Baker Donelson Center.

EXPAND TRANSPORTATION OPTIONS

Goal 10. Provide every citizen with at least two modes of available and accessible transportation.

- 10.01 (Quick Win) - All Metro Government departments must consider state-of-the-art thinking and technologies in all mid-term and long-term planning.
 - October 2010: Mayor Dean signed Executive Order 40, which formalized Nashville's Complete Streets policy. This order ensures that public streets are built to accommodate all modes of transportation, including walking, bicycling and mass transit.

- 10.03 (Quick Win) - Choose a highly visible and tangible mobility initiative, and complete it in 2009.

- September 2009: MTA began Bus Rapid Transit (BRT) on the Gallatin corridor allowing riders more frequent buses and fewer stops.
- October 2009: MTA officially launched the "Google Transit Trip Planner" on their website in partnership with Google. Transit riders can enter their starting location, end location, time of day for their trip and select either departure time or arrival time to get directions.
- March 2010: MTA launched downtown circulator service.



- 10.04 (Quick Win) - Working with the regional Metropolitan Planning Organization (MPO), generate support for enabling legislation to establish dedicated funding authority for mass transit in the region.

- May 2009: Tennessee State House and Senate unanimously approved request for enabling legislation to create dedicated source of funding for mass transit spring 2009.

- 10.05 (Midterm) - Implement mechanisms to apply the new dedicated funding authority in support of mass transit, in coordination with other MPO members in the region.

- June 2009: Mayor Dean convened a Middle Tennessee Mayors Caucus in the Middle Tennessee area for the purpose of discussing issues of regional importance, including transportation.
- February 2010: With Mayor Dean's encouragement, the nonprofit Transit Alliance of Middle Tennessee was formed to engage the private sector in Middle Tennessee in a discussion over the need for regional mass transit and to take the lead on advocacy for a dedicated source of revenue.



- 10.08 (Midterm) - Provide downtown circulator service to transport employees, residents and visitors to retail, restaurants, entertainment venues, parking and

places of business within the downtown area.

- o March 2010: MTA launched downtown circulator service.

PROTECT OUR NATURAL RESOURCES

Goal 11. Design and implement the most progressive open space plan in the Southeast.

- 11.01 (Midterm) - Hire a professional firm to develop an open space plan for Davidson County with an aggressive timeline for implementation.
 - o November 2010: Planning is complete on the Open Space Plan. The development of the final document is underway and will be released in the first quarter of 2010.

Goal 13. Develop and maintain an urban forest program.

- 13.01 (Quick Win) - Develop a Memorandum of Understanding among Metro Government agencies delineating and allocating tree planting, care and maintenance by Metro Government.
 - o Summer 2009: Parks, Codes, Public Works and NES formed a group to discuss tree care, maintenance, and work to ensure greater coordination within the government.
- 13.02 (Midterm) - Fund and perform a tree canopy assessment.
 - o April 2010: Tree Canopy Assessment completed, laying the groundwork for a more comprehensive tree planting and maintenance program designed to improve the quantity and health of Nashville's trees.
- 13.03 (Midterm) - Develop and implement an Urban Forest Management Plan.
 - o Lead Metro Department: Parks and Recreation. Parks, Codes and Metro Beautification are developing strategy for a robust and comprehensive Urban Forest Management Plan.



Goal 14. Develop a locally-based food system.

- 14.01 (Quick Win) - Engage government leaders and residents in the preservation and enhancement of urban and rural farming.
 - Lead Metro Department: Metro Public Health.



- 14.03 (Long Term) - Implement a Metro Government-led Farm to School program that incorporates locally-grown fresh produce into the MNPS lunch program with a Middle Tennessee foodshed asset map as an essential first step.
 - May 2009: As part of the long term strategy, Metro Farmer's Market serves a critical role and continually works within the Community to

improve accessibility and awareness of locally grown and healthy foods. The Market's Farm Sheds saw some changes and additions in 2009. The outdoor produce and plant market now feature designated areas for local farmers and artisan food producers.

Goal 15. Move 100% of Nashville's streams off the federal 303(d) list of impaired waters by 2020 with measurable progress by 2012.

- 15.01 (Quick Win) - Adopt full-cost pricing for drinking water.
 - March 2009: Council approved the Clean Water Infrastructure Program, ensuring Nashville has plenty of safe, clean drinking water now and in the future
- 15.02 (Quick Win) - Create a dedicated source of funding for stormwater control by implementing a stormwater user fee charged to residential and commercial properties in Metro Nashville and Davidson County.
 - March 2009: Council approved Clean Water Infrastructure Program which included stormwater fees for residential and non-residential customers.
- 15.04 (Midterm) - Increase the utilization of Low Impact Development (LID) techniques and encourage Better Site Design (BSD) on all new or significantly redeveloped sites in Nashville.
 - December 2010: Metro began work on an LID manual that will become an additional volume of Metro's stormwater regulations. The LID manual will establish incentives for developers to include green stormwater infrastructure in development plans. The manual will be completed by August 2011.

- 15.05 (Midterm) - Improve protection of the watersheds in Davidson County by honoring the natural flood plain and stream buffers, which will result in improved water quality, acceleration of Nashville's greenways system and myriad environmental benefits.
 - December 2010: Council passed BL2010-794, calling for consideration of floodplain management, including the concept of "no adverse impact" in the LID manual planning process. BL2010-794 also banned all new construction in the floodway.

Metro Government and the community are working together on many fronts to build a culture of sustainability and recognize that educating future generations, inspiring our community and leading by example are foundational components of a greener Nashville.