



Greensboro

LEED for Cities Update

Presented By:

Jeff Sovich, LEED for Cities Grant Manager



Live Green!



Greensboro City Council Directive

“Let’s make Greensboro the Greenest City in the Southeast”



Greensboro City Council
March 2019



LEED for Cities Announcement

A screenshot of the Greensboro North Carolina website. The header includes navigation links for Jobs, Council Meetings, City News, and Events, along with a Translate dropdown and social media icons for Facebook, Instagram, Twitter, and YouTube. The main navigation bar has tabs for SERVICES, DEPARTMENTS, GOVERNMENT (highlighted), RESIDENTS, BUSINESS, and I WANT TO... A search bar with the text "How can we help you today?" and a magnifying glass icon is also present. The main content area displays a "City News" section with a sub-header "Greensboro Participating in LEED Grant Program for Sustainability". The article text states that the City of Greensboro has been selected as one of 15 US cities to receive a grant to participate in the US Green Building Council's (USGBC) LEED for Cities and Communities Program. The grant provides \$25,000 in financial assistance, educational resources, and technical support to become a LEED-certified city. The article also mentions that the LEED certification process will help the City track and verify performance on a wide variety of sustainability indicators including energy, water, transportation, education, health and more. LEED for Cities provides a consistent rating system and independently verified data analysis, allowing comparison with local, regional and global peer cities. Over the next six to eight months, USGBC staff will guide City staff in identifying, compiling relevant data to evaluate Greensboro's current performance levels.

Jobs Council Meetings City News Events Translate f i t y

GREENSBORO NORTH CAROLINA

How can we help you today?

SERVICES DEPARTMENTS GOVERNMENT RESIDENTS BUSINESS I WANT TO...

City News

Font Size: + - + Share & Bookmark Feedback Print

Greensboro Participating in LEED Grant Program for Sustainability

Post Date: 05/22/2019 2:30 PM

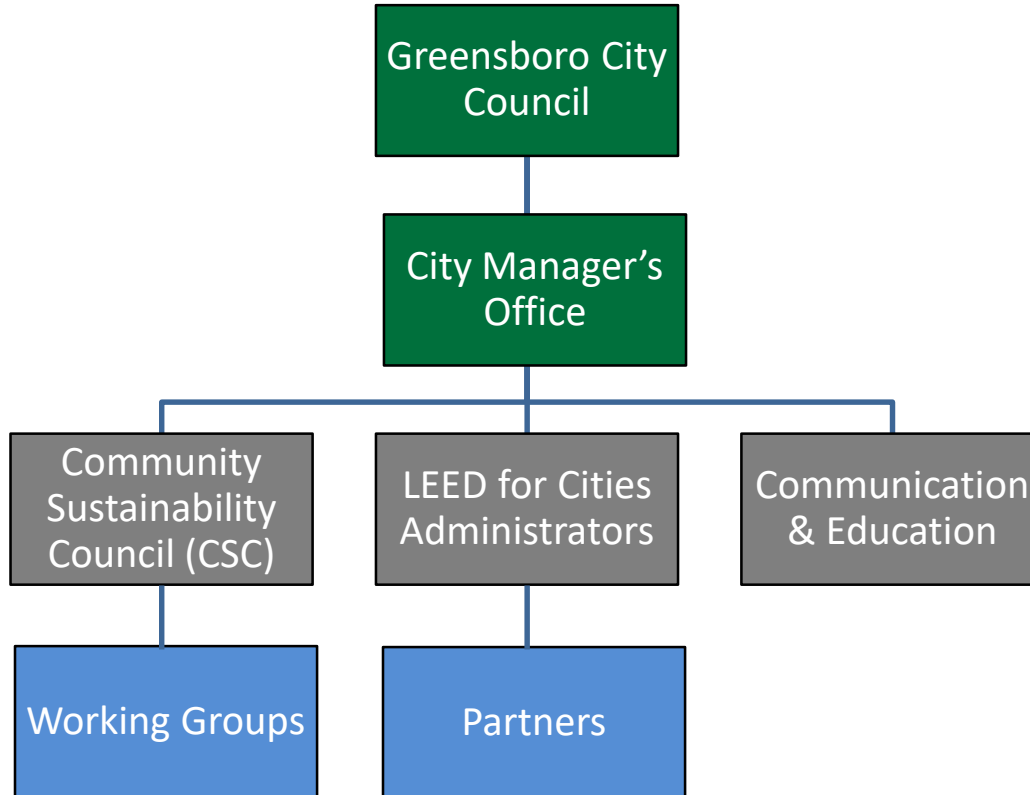
The City of Greensboro has been selected as one of 15 US cities to receive a grant to participate in the US Green Building Council's (USGBC) [LEED for Cities and Communities Program](#).

The grant provides the City \$25,000 in financial assistance, educational resources, and technical support to become a LEED-certified city. To date, across USGBC's programs, more than 90 cities and communities from around the globe are certified.

The LEED certification process will help the City track and verify performance on a wide variety of sustainability indicators including energy, water, transportation, education, health and more. LEED for Cities provides a consistent rating system and independently verified data analysis, allowing comparison with local, regional and global peer cities. Over the next six to eight months, USGBC staff will guide City staff in identifying, compiling relevant data to evaluate Greensboro's current performance levels.



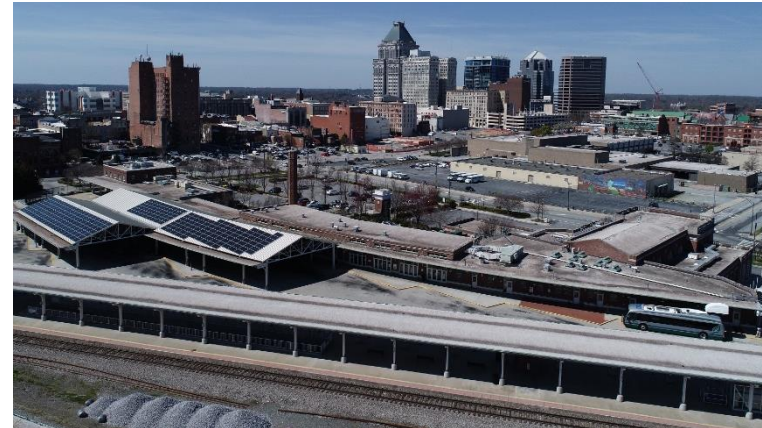
Project Organizational Structure





Becoming the Greenest city in the SE

- **Phase 1** – Data & documentation submitted Oct 1, USGBC review in progress, certification pending
- **Phase 2** – Re-engage stakeholders, review gap analysis, groups prioritize gaps & ID projects
- **Phase 3** – Sustainability as Core Value, Begin closing gaps & working toward goals (on-going)





LEED Categories

LEED for Cities Categories	Possible Points	Points Attempted
IP – Integrative Process	5	4
NS – Natural Systems & Ecology	9	6
TR – Transportation & Land Use	15	7
WE – Water Efficiency	11	5
EN – Energy & Greenhouse Gas Emissions	30	18
MR – Materials and Resources	10	2
QL – Quality of Life	20	16
IN – Innovation	6	0
RP – Regional Priority	4	0
Total Points Possible	110	58





Four Certification Levels





LEED Categories

LEED for Cities Categories	Possible Points	Points Attempted
IP – Integrative Process	5	4
NS – Natural Systems & Ecology	9	6
TR – Transportation & Land Use	15	7
WE – Water Efficiency	11	5
EN – Energy & Greenhouse Gas Emissions	30	18
MR – Materials and Resources	10	2
QL – Quality of Life	20	16
IN – Innovation	6	0
RP – Regional Priority	4	0
Total Points Possible	110	58





LEED Documentation Summary

- Total points attempted
- Conditions assessed
- Credits we knew we couldn't reach
- Credits we found we couldn't reach
- Other gaps, opportunities to improve





LEED for Cities Team

Advocacy &
Community
Organizations

Engineering &
Inspections

Field
Operations

Other
Government
Agencies

Human
Relations

Legislative

Neighborhood
Development

Parks &
Recreation

Planning

Transportation

Universities

Water
Resources





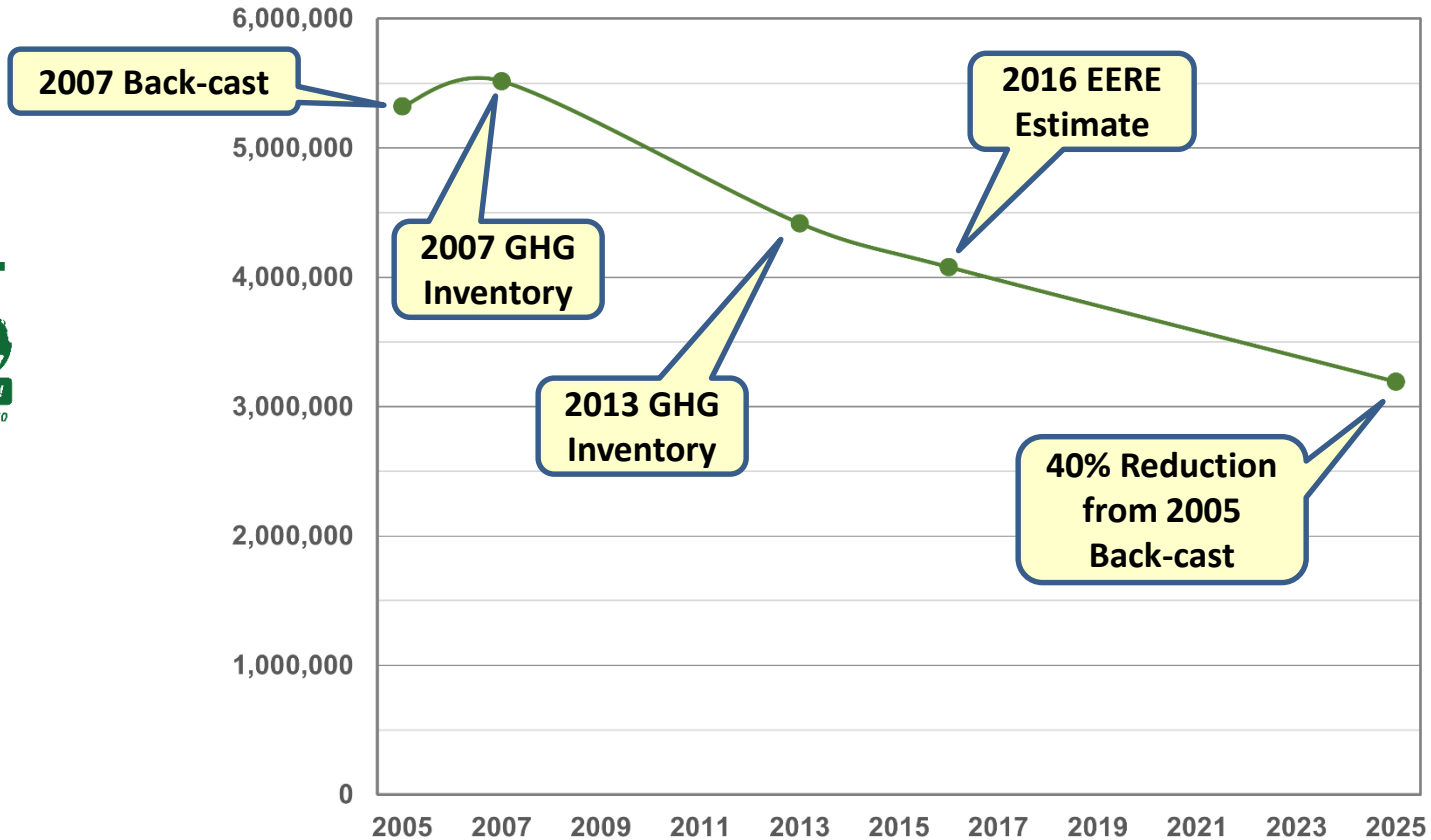
What's in Progress?

- Recycling program audit
- Pump efficiency study
- Landscaping requirement updates
- City 20-year strategic energy plan





GHG Emissions Trend Chart





Current Renewable Energy?

- Current renewables in City operations:
 - Depot PV solar array
 - Gateway Gardens PV solar array
 - Greensboro Transit Authority bldg PV solar array
 - Downtown Greenway PV solar lamps
 - MMOB (City Hall) passive solar water heater
 - Fire Stations passive solar water heaters
 - Landfill methane to energy project
- Other renewable projects studied or planned?





GREENSBORO
NORTH CAROLINA

Live
GREEN!

#LiveGreen