

In 2006, GWCCA Began...



# Powerful Catalyst for Change



- LEED offers convention centers unique opportunity to compare against like facilities
- Began process in earnest in 2011
- Several hurdles for a facility with the size, age, and varying operational components of GWCC

# LEED® 2009



## for Existing Buildings: Operations & Maintenance

**Total Possible Points\*\* 110\***

|   |                              |    |
|---|------------------------------|----|
|  | Sustainable Sites            | 26 |
|  | Water Efficiency             | 14 |
|  | Energy & Atmosphere          | 35 |
|  | Materials & Resources        | 10 |
|  | Indoor Environmental Quality | 15 |

\* Out of a possible 100 points + 10 bonus points

\*\* Certified 40+ points, Silver 50+ points, Gold 60+ points, Platinum 80+ points

|   |                          |   |
|---|--------------------------|---|
|  | Innovation in Operations | 6 |
|  | Regional Priority        | 4 |

# LEED Silver Certified



Became the 14<sup>th</sup> largest building of any kind and the world's largest convention center to earn LEED certification in Fall 2014



# GEORGIA WORLD CONGRESS CENTER LEED SILVER CERTIFIED

The World's Largest LEED Certified Convention Center



## LEADING UP TO LEED (LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN)

# 2005

GWCC began investigating green building certifications and feasibility

Hired a dedicated sustainability coordinator



# 2008

GWCC started recycling and energy conservation program



# 2011

GWCC assessed compliance with LEED requirements



Registered for LEED EBOM certification with the U.S. Green Building Council

# 2012

# 2013

LEED performance period included implementing policies and tracking procedures and data

# 2014



GWCC became world's largest LEED certified convention center by achieving Silver status

## LEED CATEGORIES & POINTS EARNED

Sustainable Sites: 14 out of 26  
Water Efficiency: 8 out of 14  
Energy & Atmosphere: 6 out of 35  
Materials & Resources: 7 out of 10  
Indoor Environmental Quality: 8 out of 15  
Innovation in Operations: 6 out of 6  
Regional Priority: 3 out of 4

52 total points  
LEED for Existing Buildings: Operations & Maintenance (2009) Silver certification



GWCC uses less water than if standard code restroom fixtures were installed.



Nearly **50%** of employee commutes are reduced through walking, biking, carpooling, public transportation, and teleworking.



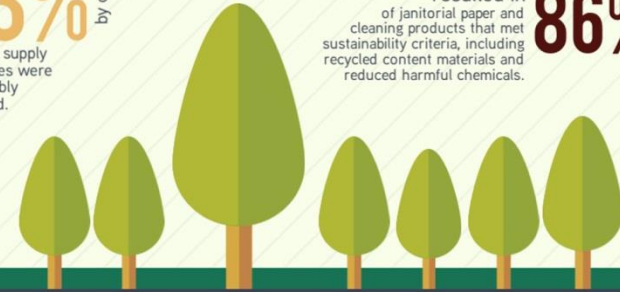
approx. **26%**

GWCC is more energy efficient than an average building of similar size and characteristics.

**73%** by cost of office supply purchases were sustainably procured.



**THE GREEN CLEANING POLICY** resulted in **86%** of janitorial paper and cleaning products that met sustainability criteria, including recycled content materials and reduced harmful chemicals.



LEED benchmarks building operations, improves efficiency and occupant well-being, reduces costs, resources and risk, and showcases industry and community leadership.

The use of an integrated pest management plan reduces the need for toxic pesticides by proactively addressing issues.

Installation of electric vehicle charging stations on campus encourage alternative fuel transportation options.

GWCC's waste diversion program encompasses recycling, composting, food and material donations, and reuse.

International Plaza, which caps the 7 story red parking deck, reduces the urban heat island effect and stormwater runoff.



Georgia World Congress Center  
285 Andrew Young Int'l Blvd. NW Atlanta, GA 30313  
www.gwcc.com



# Sustainability Doesn't Stop at LEED

- Energy Efficiency Improvements
- Better Waste Management Practices Leading to Zero Waste
- Green Meetings Standards



Tim Trefzer, LEED AP  
Sustainability Manager  
Georgia World Congress Center Authority  
[ttrefzer@gwcc.com](mailto:ttrefzer@gwcc.com)