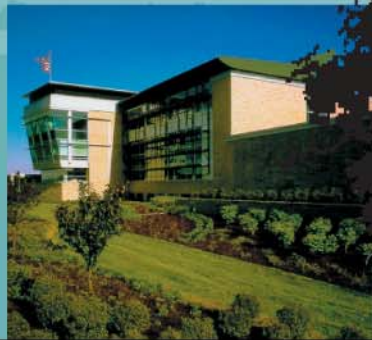


US GREEN BUILDING COUNCIL

Building Green in Kentucky

USGBC-Kentucky Chapter

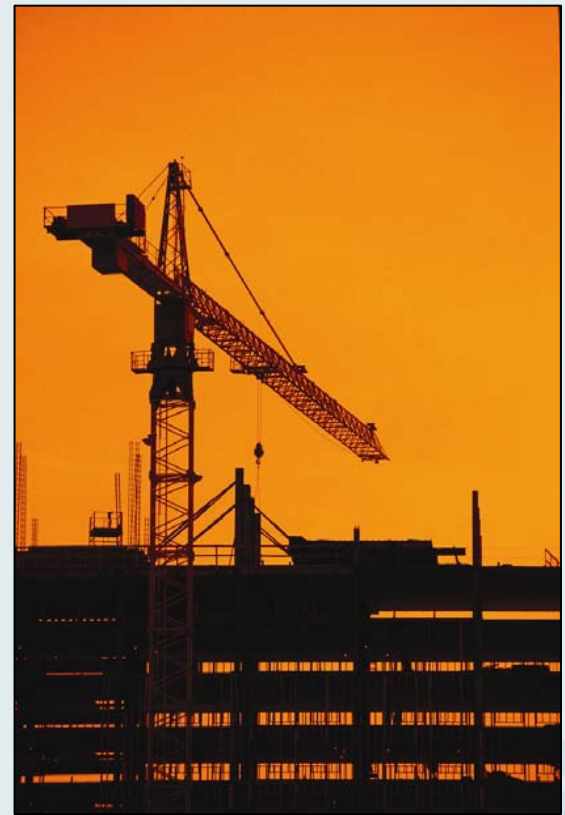
September 20, 2006 Review



Environmental Impact of Buildings*

- 65.2% of total U.S. electricity consumption
- 36% of total U.S. primary energy use
- 30% of total U.S. greenhouse gas emissions
- 136 million tons of construction and demolition waste in the U.S. (approx. 2.8 lbs/person/day)
- 12% of potable water in the U.S.
- 40% (3 billion tons annually) of raw materials use globally

* U.S. commercial and residential combined



US Green Building Council

- Membership Organization, founded in 1993
 - >6,500 Member organizations
 - Increased tenfold since the year 2000!
 - Over 80 regional Chapters
- Creator of LEED™ Green Building Rating System
 - Leadership in Energy and Environmental Design
 - >400 Certified Buildings
 - >5,000 Registered Projects
 - Valued at over \$10 Billion!
 - Over 24,000 registered LEED Accredited Professionals
 - Over 34,000 workshop attendees

USGBC is...

- A national nonprofit organization
- A diverse membership of organizations
- Consensus-driven
- Committee-based product development
- Developer and administrator of the LEED® Green Building Rating System

USGBC's MISSION:

to promote the design and construction of buildings that are environmentally responsible, profitable, and healthy places to live and work.

The organization's activities...

- *Integrate..* building industry sectors
- *Lead...* market transformation
- *Educate...* owners and practitioners

What is “Green” Design?

Design and construction practices that significantly reduce or eliminate the negative impact of buildings on the environment and occupants in five broad areas:

- **Sustainable site planning**
- **Safeguarding water and water efficiency**
- **Energy efficiency and renewable energy** ★
- **Conservation of materials and resources**
- **Indoor environmental quality** ★

Economic Benefits

- Competitive first costs
 - **Integrated design allows high benefit at low cost by achieving synergies between disciplines and between technologies**
- Reduce operating costs
 - **Lower utility costs significantly**
- Optimize life-cycle economic performance

Kentucky USGBC Chapter

- Began discussions in 2003 with numerous meetings held in Louisville & Lexington
- Filed for Organizing Group Status, Aug. 2003
- Membership meetings held in Louisville and Lexington June 2004
- Official Chapter Status Awarded July 2004 and announced at August 27, 2004 Bernheim Forest Event

Kentucky USGBC Chapter

- LEED-AP workshop, Louisville April 2005
 - 77 attendees!
- LEED-AP workshop, Lexington August 2005
 - 80 attendees!
- Participated in Greenbuild USGBC National Conference, Atlanta - October 2005
 - Over 10,000 participants!
- 2006 emphasis on continued LEED training & recruiting new members!

Kentucky Chapter USGBC

- National USGBC Membership: “Corporate Basis”
- 10 % of annual member dues rebated to local chapter to assist with programming
- National dues structure based on company size
 - Engineer/Arch: \$250 - \$1,500 (range)
 - Education: \$250 - \$2,000
 - Contractor: \$250 - \$2,500
 - Owner: \$500 - \$2,500
 - Manufacturer: \$250 - \$10,000



See
USGBC.ORG
for details

Kentucky Chapter USGBC

- Local Chapter Membership Options
 - Chapter Member - \$50/year
 - Local Associate Member - \$65/year
 - Local Student Member - \$25/year
 - Join online at <http://www.usgbc.org/chapters/kentucky>
- Sponsorships
 - Programs
 - Events/Lunches
 - Newsletter

Kentucky Chapter USGBC Founding Members

Bernheim Arboretum and Research Forest
CMTA, Inc.

Commonwealth of Kentucky
EOP Architects

GRW Engineers, Inc.

Harshaw Trane

Interface, Inc.

Luckett & Farley, Architects, Engineers and Construction
Managers, Inc.

Messer Construction

Ricci Greene Associates



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Project: America Honda Regional Training & Distribution

Select a LEED Project:



Welcome to the U.S. Green Building Council

The Council is the nation's foremost coalition of leaders from across the building industry working to promote buildings that are environmentally responsible, profitable and healthy places to live and work.

NEWS

- [Members! Share Your Story](#)
- [Financial Benefits of Green Building](#) (PDF File)
- [New Committee for Laboratory Facilities](#)
- [LEED Core & Shell Pilot Announcement](#)



Visit the LEED Web Site:

- [Certified Projects](#)
- [Professional Accreditation](#)
- [Project Registration](#)
- [Credit Interpretations](#)



Visit the 2003 Greenbuild Web Site:

International Conference & Expo
Pittsburgh, November 12-14, 2003
David L. Lawrence Conv. Center
[Register Today](#)

MEMBERSHIP:
Become a member of the U.S. Green Building Council

TRAINING & WORKSHOPS:
Attend a training workshop in your area. Learn more today!



www.usgbc.org

What can we all do??

- **Join the Kentucky USGBC**
 - Get involved and continue to learn
 - Network with other like minded people
- **Apply what we learn today**
 - Design with your new knowledge
 - Be prepared to challenge traditional thinking
- **Join associations, attend gatherings, and spread helpful information**

“USGBC
Membership/Communications”

Laura Whitus, Harshaw Trane
502-499-7000

lwhitus@trane.com

Thank You!
Questions?

Or, feel free to call Frank Weiss at Harshaw Trane to discuss any questions you may have.