



# CINCINNATI REGIONAL CHAPTER NEWSLETTER

U. S. GREEN BUILDING COUNCIL

VOLUME 2 - ISSUE 1

QUARTERLY

JANUARY 2008

## Chair's Message

## What's New

## Events

### Welcome!

This year marks many accomplishments and presents many opportunities for us as the Cincinnati Regional Chapter

Our accomplishments include hosting more LEED training sessions this past year than ever before in our history, and doubling our membership in that same time. We are also proud to announce that of the 28 LEED Certified projects in Ohio, more than half lie within our Chapter boundaries.

The coming year also presents many opportunities for us. We have the opportunity to work on both a state-wide level, and also at a local level by focusing on local projects like the Banks and OTR. With broad membership we can reach out to other organizations in our region as we all work together towards the same goals of making our region a sustainable place.

I sincerely hope that as a member of our local Chapter, you will help us make this year a success. I am looking forward to working with our newly elected board of directors to continue developing quality educational sessions, and to make this organization a rewarding one for all of our members.

Sincerely,

Shawn Hesse  
USGBC Cincinnati Regional  
Chapter Chair

### Cincinnati Zoo - Green Initiatives

The October 07 issue of our newsletter featured the LEED Silver certification of Cincinnati Zoo's Schott Education Center. With the new Education Center as the catalyst, the Zoo has committed to pursuing LEED certification for all future projects, starting with the new Vine Street Village Project breaking ground next year.



Cincinnati Zoo continues to lead its path towards sustainability through its future green initiative and programs. The initiative will focus on greening of the Zoo's existing buildings, upgrading and expanding its waste management program, designing and building future projects with sustainability as a core mission, and educating the public about environmental stewardship.

Existing buildings at the Zoo will undergo a series of sustainable upgrades such as energy efficient lighting systems for routine operations (and for the Festival of Lights), centralized HVAC controls, and water-efficiency. The Zoo has already realized an approximate water usage savings of 25% from 2005 to 2007.

The Zoo's green initiative will bring renewed focus to its waste management program in an effort to greatly decrease the amount of waste that will be going to the landfill through composting horticulture waste, diverting organic waste stream, and educating visitors on the importance of recycling.

The Zoo is currently working on a feasibility study looking at the use of biomass technology, and in particular, converting elephant manure into usable energy. Already using one of the largest photovoltaic arrays in the Midwest, pursuing geothermal heating and cooling systems, and converting its diesel fleet to bio-diesel, the Zoo is a firm believer in the use of renewable energies. *Continued....*

### USGBC 2007 Annual Chapter Meeting - a great success!

Over 100 members joined us at our Annual Chapter Meeting on December 6th at the newly LEED Silver certified Schott Education Center at the Zoo. We thank Turner Construction for sponsoring this event. At the event; sustainability leaders in our community were recognized, Committee chairs presented the 2007 year-end report, incumbent chair made remarks laying the path of the coming year, and ballots were cast for election of the 2008 Board of Directors.

### 2008 BOARD OF DIRECTORS

#### Chair

**Shawn Hesse**  
Emersion Design

#### Board Members

**Chad Edwards**  
Emersion Design

**Mark Fischer**

Cincinnati Zoo & Botanical Garden

**Tom Kennedy**

Thomas E. Kennedy

**Bill Martin**

Turner Construction

**Sanyog B. Rathod**

Sol Developments

**Virginia Russell**

University of Cincinnati

**Joe Schutte**

Johnson Controls

**Michael Senger**

Heapy Engineering

**Alan Warner**

GBBN Architects

**Michael Zaretsky**

University of Cincinnati

Vice-Chair, Treasurer, and Secretary will be elected by & from the Board of Directors at the next Board meeting.

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reliable solutions. expected results.

Mark Fisher, Senior Director of Facilities & Planning at the Zoo says “It is our mission to educate and inspire the one million visitors that come through our gates each year. By showing them what we are doing with our green initiatives, and why we are doing it, we can empower them to take similar action at their homes, their schools, and their places of work. For the Zoo, there is no greater cause.”

As the leading conservation based organization in the City, the Zoo is committed to environmental stewardship.

## LEED Rating System Updates

2007 marked a stunning increase in the awareness of green buildings, both locally and nationally. As a result USGBC is undergoing rapid changes to keep up with growing demands of the green building industry. USGBC offers a range of rating systems suited for particular building types and applications. New rating systems continue to develop to address the unique needs of various building types such as Schools, Homes, Retail, Healthcare Facilities and Neighborhood Development. The following table summarizes these LEED rating systems and their status:

RATING SYSTEM	VERSION
<b>LEED - NC</b> New Construction	<b>Version 2.2</b> As of January 1, 2006, all LEED NC projects must register under Version 2.2. Resources for Versions 2.1 and 2.0 are available only for projects that were registered prior to 1/1/2006.
<b>LEED - EB</b> Existing Buildings	<b>Version 2.0</b> The next version of LEED for Existing Buildings: O&M Rating System is currently in ballot. Primary member contacts may vote on the rating system. Expected release in winter of 2008.
<b>LEED - CI</b> Commercial Interiors	<b>Version 2.0</b> No immediate plans for update.
<b>LEED for Core &amp; Shell</b>	<b>Version 2.0</b> No immediate plans for update.
<b>LEED for Schools</b>	<b>Version 2007</b> No immediate plans for update.
<b>LEED for Retail</b>	<b>New Construction Pilot, Version 2</b> <b>Commercial Interiors Pilot, Version 1</b> Pilot projects are underway. No new projects will be accepted.
<b>LEED for Healthcare</b>	<b>Draft</b> The draft is in the public comment period followin which it will be sent for balloting.
<b>LEED for Homes</b>	<b>Version 1.1 Ia</b> No immediate plans for update
<b>LEED - ND</b> Neighborhood Development	<b>Pilot Version 2007</b> Pilot projects are underway. No new projects will be accepted.

## USGBC National Websites and Resources

Please visit the USGBC national website since it was recently restructured. USGBC has also developed two new dedicated websites for the Schools and Residential Markets.

[usgbc.org](http://usgbc.org)

[buildgreenschools.org](http://buildgreenschools.org)

[thegreenhomeguide.org](http://thegreenhomeguide.org)

## DID YOU KNOW....

**Energy Star labeled buildings have an average energy usage of roughly 86 cents/sf per year, which is 40% less than national energy usage for all non-Energy Star labeled buildings !**

Source: US EPA 2002

## GREEN WORD SOLVE

D I F O G R F  
   -

Hint: Term used to describe a building that has no municipal utilities connected to it

E X A R D O N B I D O C I  
    -

Hint: Gas targeted for reduction by the AIA's "2030 Challenge"

A R E N C L U

Hint: Power generation gaining some favor because it won't generate high levels of CO2 emissions as fossil fuels do

R A G Y S E R T E N  
     -

Hint: US EPA program for labeling energy efficient appliances and buildings

The only organization that offers widely recognized green building rating systems for commercial, institutional and residential markets, that include a process for third party verification

## DID YOU KNOW....

**Coal-fired power plants provide nearly one-half of all electricity in the US and are responsible for approximately one-third of all CO2 emissions in the US!**

Source: 2007 DOE

## Recent LEED Registered Projects Southwest Ohio

The following regional projects have been registered with the USGBC since October, 2007, with the intention of achieving LEED Certification.

**2801 Erie**  
Cincinnati

**Belmont High School**  
Dayton

**Bethel Woods Apartments**  
Bethel

**Charity Adams Earley Academy for Girls**  
Dayton

**Eastmont School**  
Dayton

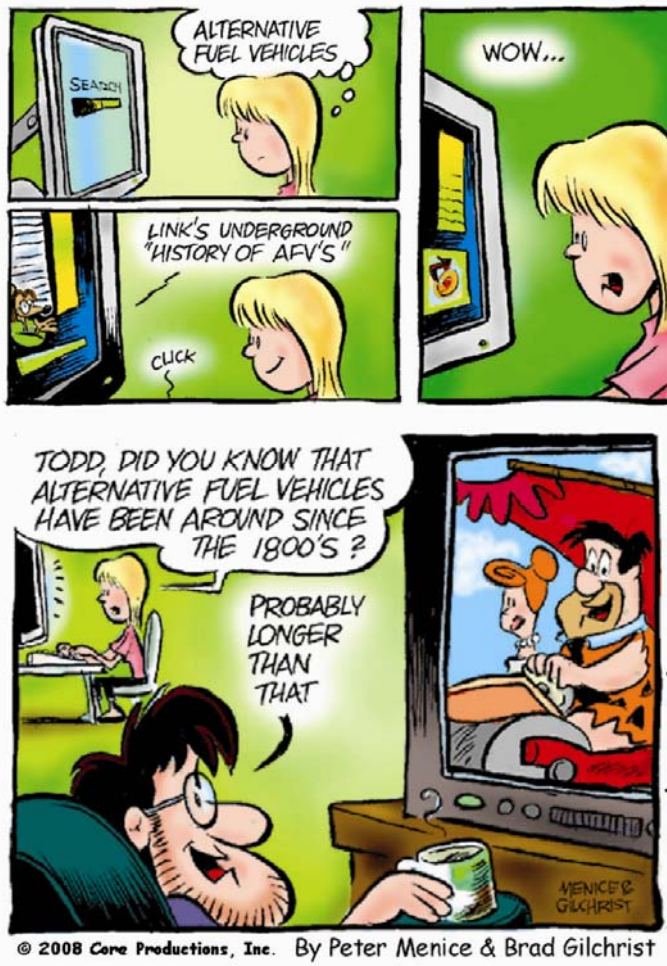
**Ft. Hamilton Healthcare Corporation**  
Hamilton

**Neyer Properties Office**  
Cincinnati

**Red Bank Crossing II**  
Cincinnati

**Residence Park School**  
Dayton

## Shades Of Green



The Green House is a new green comic strip by cartoonists Peter Menice & Brad Gilchrist. You can read it 3 times a week @ [www.greenhousecomics.com](http://www.greenhousecomics.com)

## JOIN the Chapter

Stay informed, connect with professionals, earn discounts.

Membership in the Cincinnati Regional Chapter is open to any individual.

Dues are low and lower yet for students and employees of National USGBC member organizations. [Click](#) to open an application or visit our chapter website at

[chapters.usgbc.org/cincinnati](http://chapters.usgbc.org/cincinnati)

Be a leader. Encourage sustainable building. Support your chapter.

## CONTACT US

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