

VOLUME 4 - ISSUE 1

QUARTERLY NEWSLETTER

March 2010

2010 Board of Directors

What's New

Events

Chad Edwards, Chair
 emersion Design

Susan Brownknight, Vice Chair
 Cincinnati Nature Center

David Tsevat, Treasurer
 Architect

Michael Senger, Secretary
 Heapy Engineering

Michael Kady
 Civil & Environmental Consultants

Brett Kordenbrock
 Tinkerturf

Chuck Lohre
 Lohre & Associates

Beth McGrew
 University of Cincinnati

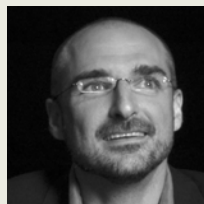
Jeffery Millard
 KLH Engineering

Heather Wehby
 Glaserworks architecture
 & Urban Planning

Ralph Wells
 Cincinnati State College

Alan Warner, Past Chair
 GBBN Architects

Amy Ostigny
 Chapter Administrator



Chad Edwards, RA, LEED AP
 Chair, USGBC Cincinnati Regional Chapter

Two scenes struck me as I watched the 2010 Winter Olympics with my family. The first was watching snow being imported to Cypress Mountain from over three hours away. Truck and helicopter loads were frantically being placed on the freestyle skiing and snowboarding runs, while dry ice tubes were employed under the mogul runs. As the world was watching the nightmare of record high temperatures wreak havoc on the Olympic Committee's plans, we were shoveling our cars and walks out from under the largest February snow fall in our region. We were, in effect, beating Vancouver.

The second image was the United States come from behind victory in the Nordic Combined. Demong and Spillane teamed up, taking turns leading the charge, to track down Austrian's Guber. They pulled off a most improbable Gold - Silver triumph, while American Lodwick slowed the pace of the rest of the pack. Though most Americans didn't know, Demong and Spillane were medal contenders.

Though most Cincinnatians don't know, in the sustainability realm we are in the lead pack. Just like the world's eyes were on Vancouver, the nation's eyes are on us. Move over Chicago, Seattle and Portland, Greater Cincinnati is closing in quickly. Our region's ability to be so successful on the sustainable front is typically a direct result of our teaming efforts.

We are leading the nation in green schools. The Cincinnati Public Schools and SHP Leading Design set the tone with the first LEED Registered and Certified school in the state, Pleasant Ridge Montessori. The Ohio Facility Schools Commission began requiring all buildings approved for funding meet LEED Silver. This singular commitment has positioned Ohio as the uncontested leader with more LEED Registered schools than California, Oregon, Washington, Texas and Florida combined. And who leads Ohio? Cincinnati Public Schools.

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Please visit our website at
www.usgbc-cincinnati.org/
 for following upcoming events

2010 Green Business Awards
Tuesday, March 16, 2010
 By Cincinnati Business Courier and
 USGBC-Cincinnati
 Visit link for details [http://
 cincinnati.bizjournals.com/
 cincinnati/nomination](http://cincinnati.bizjournals.com/cincinnati/nomination)

**BOARD MEETINGS &
 STEERING COMMITTEE
 MEETINGS**

Our Chapter Board Meetings and Steering Committee Meetings are held regularly and are open to public. See chapter website for schedule and location.

Our next Board Committee Meeting is on April 6, 2010.

Please visit our new chapter website at <http://www.usgbc-cincinnati.org/> for more information

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GOLD SPONSORS



We are leading the nation at the collegiate level as well. Cincinnati State Technical and Community College was the only community college in the country to receive the "Excellence in Green Building Curriculum Incentive Grant" from the National U.S. Green Building Council. This award will help implement the College's nation-leading certificate program in sustainable design and construction. Colleges across the country are looking to CSTCC for guidance on how to implement their own sustainable certificate programs.

We have quickly become a powerhouse in sustainable design. Greater Cincinnati is home to four out of the five LEED Platinum commercial projects in the state. The first LEED for New Construction Platinum Certified project is the Fernald Visitors' Center, thanks in part to KLH Engineers' LEED consultation for the mechanical and electrical systems. HGC Construction has built two LEED Platinum projects, the first LEED Platinum rated zoo facility in the world and the first LEED Platinum architecture/ engineering office in the world.

As in the Nordic Combined victory, teaming is essential. Organizations and campaigns, such as Agenda 360, the Hamilton County Climate Initiative, Go Cincinnati Plan, the Go Green Challenge and Northern Kentucky's Vision 2015, include a collaboration of the region's best minds working toward positioning us to a more sustainable future: economically, environmentally and communally. The nation is watching as the Greater Cincinnati Metropolitan Sewer District rebrands our watersheds from the nightmare of combined sewer overflows to a superlative green infrastructure. The City of Cincinnati has invited volunteer groups, such as the AIA, ULI, Mill Creek Restoration, CHCURC, and the USGBC to provide their insight to the Revive I-75 Master Plan. This visionary plan will show the nation and the world a foremost sustainable interstate infrastructure in an urban setting.

As we continue to pick up the pace on our environmental successes, I present this call to action. Become active in the areas that hold most true to your heart. Play to your strengths. Take turns leading the charge. Together we can continue to sustainably elevate our region, our nation and the world for all life. Cincinnati can win Gold, or better yet, Platinum.

Sincerely,
Chad Edwards, Chair

Minneapolis Welcomes 2010 Greening the Heartland Conference & Exhibition, Cincinnati to host in 2011

"Greening the Heartland" is a three-day conference and exhibition for sustainable building design, construction and operation practitioners as well as building owners throughout the Midwest.

Greening the Heartland (GTH) conferences play host to hundreds of attendees and exhibitors from USGBC Region's 14 Midwest states, who converge to learn the latest in green innovations and initiatives.

The Heartland Region of the USGBC has produced GTH annually since 2002 in major Midwestern cities. In just seven years, GTH has grown from less than 100 to more than 1,200 attendees.

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DID YOU KNOW....

Green building will support 7.9 million U.S. jobs and pump \$554 million into the American economy over the next four years (2009-2013)

Source: Booz Allen Hamilton and U.S. Green Building Council (2009). Green Jobs Study

GREEN WORD SOLVE

GEYREN - ELDIOMNG

Hint: Computer aided design tool for predicting energy usage of a proposed building

REYG - TREWA

Hint: Resource captured and utilized or certain building plumbing

VPOCHOTATIO L

Hint: Electro-chemical process that PV panels use to generate electricity from the sun

GEVETAEDT - FORO

Hint: Building system that takes advantage of insulating and storm water control capacity of plants

What chemical compound accounts for approximately 82% of all Green House Gases emitted into the atmosphere in the US (source - Energy Information Administration)?

○○○○B○○○ - ○○○○X○○○

DID YOU KNOW....

An upfront investment of 2% in green building design, on average, results in life cycle savings of 20% of the total construction costs – more than ten times the initial investment.

Source: Kats, G. (2003). The Costs and Financial Benefits of Green Buildings: A Report to California's Sustainable Building Task Force

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This year the 7th annual GTH will be held in Minneapolis, May 19-22. It will be a great opportunity to learn and connect with people and topics important to the nation's Midwest. (Cincinnati will welcome the 2011 Greening the Heartland, scheduled for June 20-22.) We hope you will attend in Minneapolis, as well as in Cincinnati next year.

Every year the conference provides opportunities for professional continuing education credits, exposure to the latest products and services, plus interaction and networking with "green" building leaders in the Midwest. By focusing on technologies, issues and regulations specific to the region the conference serves, this year's conference will demonstrate how the industry can integrate and implement these strategies through fostering joint leadership by the private and public sectors throughout the Heartland Region.

Attendees will receive the "tools" to achieve these goals through outstanding education and training sessions, keynote speakers, case studies and other engaging activities.

As in the past, this year's event will focus on presenting tangible, practical information, case studies and proven methods. In addition to educational tracks and sessions, the conference will feature a legacy project, workshops, tours, special events and more.

Cincinnati will welcome the 2011 Greening the Heartland, scheduled for June 20-22. The Queen City was awarded 2011 hosting honors last year at the Detroit GTH Conference by the Heartland Region of the USGBC.

Cincinnati State Technical and Community College has a unique and ground-breaking relationship with the Cincinnati chapter to work together to create high-quality reasonably priced educational material to help individuals become more proficient in green site and building design and construction techniques. One of our goals is to educate the practicing industry professional with on-going, up-to-date technologies with classes that qualify for continuing education credits through the various recognized industry organizations and the GBCI (Green Building Certification Institute) LEED Credential maintenance program. In 2011, LEED AP continuing education requirement deadlines will take effect. It's expected that many attendees will be attracted to the Cincinnati conference to achieve their CEUs.

The Cincinnati Regional Chapter will establish a "Legacy" project to benefit from proceeds generated by the conference. The Legacy project's initiative will align with the USGBC Cincinnati Regional Chapter mission, which is to transform the way regional buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy as well as prosperous built and natural environment that improves the quality of life.

Please join the GTH Member Circle and get involved in this transforming event. Our goal is to launch a re-branding effort to make Cincinnati the "Green Queen City" in 2011.

Article by

Alan Warner, AIA, LEED AP, 2009 Chapter Chair

Tom Kennedy, Events Member Circle Chair

Ralph Wells, 2010 Board Member

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. Visit our chapter website at <http://www.usgbc-cincinnati.org/>

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

CONTACT US

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Our Chapter Website <http://www.usgbc-cincinnati.org/>

Masthead Design: GuiVision

Recent LEED Certified Projects in Southwest Ohio

Amylin Manufacturing Facility

West Chester, LEED-New Construction, Silver



Environmental sustainability is a major priority at Amylin, and energy, construction, landscaping, and operational practices reflect that commitment through the LEED certification of its facility.

The Christ Hospital Diagnostic Imaging Center

Cincinnati, LEED-Commercial Interior, Silver

The new imaging center at Christ Hospital occupies half of the 30,000 square foot medical office space within the [Red Bank Crossing II](#) building, located in the larger five-building Red Bank Crossing LEED Certified Core and Shell medical campus and mixed-use retail development by Neyer Properties.



The new imaging center boasts green attributes such as motion detection lighting, automatic dimming for natural lighting, no volatile organic compounds (VOCs) in paints and materials, low-flow water features,

Energy Star-rated appliances and separation and recycling of all construction waste materials.

Potter Hill Homes

Greenhills, OH, LEED for Homes, Certified

Potterhill Homes received points for Innovation & Design, Preferred Locations, Sustainability of the Site, Water Efficiency, Energy and



Atmosphere controls, use of Materials and resources, On-site Recycling, Indoor Environmental Quality and Awareness & Education.

Andrew James Custom Builders homes

Cincinnati, OH, LEED for Homes, Certified

One of the two side-by-side homes built by Andrew James Custom Builders in the Columbia Tusculum neighborhood is Certified. The project energy efficiency through a Home Energy Rating Score of 63.



The project also harnesses LEED points for community connectivity; green landscaping; low flow fixtures; recycled materials; 75% of construction waste was diverted from a landfill.

Morgan Stanley Smith Barney

Beavercreek, OH, LEED-Commercial Interior, Certified

Creative Technology Accelerator

Dayton, OH LEED-New Construction, Gold

The City of Dayton is getting creative with plans for Tech Town's Creative Technology Accelerator (CTA) as the facility achieved a LEED "Gold" certification from the USGBC.



Located at the corner of Monument Avenue and Taylor Road, the CTA will be a three story multi-tenant office building housing smaller, established businesses striving to develop and commercialize new technology products.

Great American Tower at Queen City Square

Cincinnati, OH, LEED-Core & shell, Gold Pre-certified

Eagle Realty Group, the real estate investment and property management company of Western & Southern Financial Group, announced that the project is on track to be greenest, tallest and largest office building in downtown Cincinnati.



The Great American Tower at Queen City Square's incorporates many sustainable features such as energy and water conservation; materials with recycled content; recycling of demolition and construction waste; maximum daylight in the office tower; high performance glazing; efficient MEP

systems; and urban location and inclusion of alternative transportation provisions, such as bike racks and showers for bicycle riders.

Melink Corporation

Milford, OH, LEED-Existing Building, Platinum

Melink is the first in Ohio to achieve this distinction for an existing building. There are only 24 LEED Platinum Existing Buildings in the world. The Melink headquarters was the first LEED Gold Certified building in Ohio in 2006.



The 30,000 SFT office and manufacturing facility is 75% more energy efficient than a conventional building. The company is saving more than a \$100 per day and \$35,000 per year in energy costs.