



COLORADO BUILDING GREEN

NOVEMBER 2003

Spotlight on National: Greenbuild 2003

Information courtesy of www.greenbuildexpo.com

The U.S. Green Building Council has chosen Pittsburgh, Pennsylvania as the location for this year's conference and expo. Chosen for its "greenness," the David L. Lawrence Convention Center will host the conference on November 12-14, 2003.

Pittsburgh has taken a strong leadership position in green development; most notably, by building the Nation's first green convention center. The new facility offers 330,000 square feet of exhibition space (250,000 square feet is column-free) to include, 51 meeting rooms, two lecture halls, 37 loading docks, and a 29,750 square-foot ballroom, which is the largest in the region. A pedestrian promenade with landscaped terraces overlooking the river provide for scenic walking tours throughout the facility.

Upon completion in April 2003, the center expects to achieve LEED™ Certification. Rebecca Flora, executive director of the Green Building Alliance, a Pittsburgh-based non-profit that promotes green building practices stated, "The convention center was designed to meet multiple quality design and functional requirements, including green technologies and materials and

integration into the urban context. The LEED rating system served as a design guideline for the green aspects and we expect the convention center to shortly be awarded LEED Gold certification. When it is, the convention center will be the world's largest green building."



The city of Pittsburgh has experienced a significant renewal in part, due to a system of city-wide waterfront trails. The new Allegheny Riverfront Park and North Shore Riverfront Park environmentally maximize use of Pittsburgh's rivers and landscapes (The new convention center rests along the Allegheny Riverfront). The city's two new ballparks on the North Shore also offer beautiful views of the city skyline and rivers. "Pittsburgh's commitment and leadership to green buildings, recognized around the country, is setting a new precedent through this first-of-its-kind green convention center," said Christine Ervin, President & CEO, U.S. Green Building Council.

The USGBC International Conference and Expo draws thousands of professionals from all areas of the building industry for three intensive days of work sessions, networking and exhibits. This year's conference attendance is expected to exceed 5,000.

Greening the Greenbuild Conference

The USGBC achieved some innovative successes in greening last year's conference in Austin. The intention is to elevate the level of greening the Greenbuild conference in Pittsburgh. The preliminary green strategy requests are categorized in the following five areas and may include but are not limited to the following:

Air Quality

The Greenbuild conference will provide an emission offset program again offered by the Leonardo Academy Cleaner and Greener Event Certification program where 95% of the funds collected are used for offset and retired emissions, 5% for administration. AIRxpert System's will be monitoring the air quality within the exhibit hall.

Energy Efficiency

The convention center has been asked to reduce the lights, power and HVAC during move in and move out times in the exhibit hall. Also, hotels were selected within walking distance of the convention center to minimize additional transportation needs. In addition, the hotels have been asked to implement the towel and sheets reuse program, not replace amenities unless consumed and shut off HVAC when guests were not in their room.

Water Conservation

The convention center will serve large containers of drinking water rather than individual bottles and sweep (not spray) parking lots, sidewalks and driveways. Also, the caterer will explore water saving strategies like not pre-filling drinking glasses or providing a saucer under the coffee cup.

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To learn more about Greenbuild 2003, visit the website at:

www.greenbuildexpo.com

Colorado Chapter at Greenbuild

Come visit the Colorado Chapter at Greenbuild!

On Monday, November 10th, the USGBC is holding Chapter Day. This full-day Chapter Leadership Training will include updates, training, committee meetings, and a networking reception. Members of the Chapter Leadership Team are encouraged to attend. Additional time will be set aside for chapter committees to hold meetings on Wednesday evening.

Our new Chapter Poster will be on display on the second floor outside of Hall B. The poster highlights our vision and mission statements, Colorado's LEED Certified projects, and photos from the year's events, including the Chapter Kickoff, the Fall Conference and our monthly programs. Check it out!



VISION

Promote responsibility for Colorado's environmental legacy.

MISSION

Advance and promote responsible planning, design, construction and operation of the built environment through education, improving industry guidelines, policy advocacy, and information and resource sharing.

STEERING COMMITTEE

Annette Stelmack, Chair
Associates III, Inc.

Carol Blaha
Carol Blaha Marketing, Inc.

Greg Borst
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Kristi Ennis
Boulder Associates, Inc.

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ENSAR Group, Inc.

MEMBERSHIP UPDATE

Join the USGBC Colorado Chapter!

The USGBC Colorado Chapter is participating in a pilot membership program to involve individuals (including students), companies not in the building industry, and local companies who wish to explore the organization without committing to a full national membership. Membership in the local chapter is now available at the following levels:

- **Chapter Member** - \$50 per year (available only to individuals from USGBC-member companies)
- **Provisional Chapter Member** - \$100 for 1st year, \$200 for 2nd year (2-year trial membership with local benefits for non-USGBC member companies)
- **Chapter Friend** - \$50 per year (donation from interested individual not associated with a building stakeholder company)
- **Chapter Student** - \$25 per year (must be enrolled in accredited degree program)
- **Chapter Partner** - For local companies that do not want national benefits (see website for dues schedule)

Benefit	USGBC Member	Chapter Member	Provisional Chapter Member	Chapter Friend	Student	Chapter Partner
Receive Discounts on Chapter Events	x	x	x	x	x	x
Receive Discounts on National Events	x	x				
Receive a Local Membership Certificate					x	
Listing in Chapter Membership Directory		x	x	x	x	x
Vote in National Elections	x	x				
Vote in Chapter Elections		x				
Serve on Chapter Committees		x	x	x	x	x
Serve on National Committees	x	x				
Serve as Chapter Committee Chair		x				
Serve on Chapter Board of Directors		x				
Access to Chapter Membership Directory		x	x	x	x	x
Access to Chapter Resources		x	x	x	x	x

To join in any category except Chapter Partner, visit the USGBC website at www.usgbc.org. Click on "Chapters," locate the Colorado Chapter listing, and click on "Join this Chapter." From there you will be guided through the registration process. To join as a Chapter Partner or if you have any other questions about the membership program, please contact Greg Borst at gborst@swinerton.com.

Welcome New Colorado Chapter Members!

John Chaney
Courtney Cowser
Anne Stilson-Cope
Kevin Tone
Dan Tweeton

Note

Membership statistics presented in this section reflect USGBC national members located in Colorado.

USGBC Colorado Membership by Year

WELCOME NEW MEMBERS – OCTOBER 2003	
Firm / Organization	City
Heating and Plumbing Engineers	Colo. Springs
ICE-Energy	Fort Collins
HumaNature Architecture	Arvada
ABD Designs	Fort Collins

Year	Annual	Cumulative
1997	2	2
1998	1	3
1999	5	8
2000	4	12
2001	22	34
2002	34	68
2003*	69	137

*As of October 31, 2003

Colorado Building Green is the official newsletter of the U.S. Green Building Council – Colorado Chapter, and is published monthly. The newsletter is distributed electronically via e-mail. To add or remove your name from the mailing list, or to submit story ideas and other information for publication, please contact the editor at mhoffman@designworkshop.com.

Colorado Chapter LEED™ Study Groups

by Brennan Schumacher, brennan@meritelec.com

The Colorado Chapter has organized several LEED Accreditation Exam study groups along the front range. The groups meet at 7:00 p.m. on the 2nd and 4th Monday every month at each of the following locations (note the changes to the Fort Collins and Colorado Springs locations):

Boulder

Corner Street Bar & Cafe
2115 13th Street
Phone: (303) 442-4560

Colorado Springs

Shuga's
702 S. Cascade Ave.
Phone: (719) 328-1412

Denver

Starbucks in REI
1416 Platte Street
Phone: (303) 756-3100

Fort Collins

Everyday Joe's
144 S. Mason (Old Town)
Phone: (970) 224-4138

Dates and Discussion Topics

November 10th	Materials and Resources
November 24th	Indoor Environmental Quality and Innovations
December 8th	Test-Related Questions and Topics

Due to the holidays, there will be no study sessions on December 22nd, but the regular schedule will resume in January. This schedule is designed to allow ample time to complete test preparation in about three months.

The Colorado Chapter has only arranged locations for people to meet and discuss issues regarding the LEED rating systems and/or processes. There will not be an official moderator present at these meetings. The first person to arrive should make a sign that reads "LEED Study Group" to make others aware of who you are. If you have questions or would like to have your email added to our list for information regarding updates on LEED in our area please email Brennan Schumacher at brennan@meritelec.com.

Colorado LEED™ Projects

CERTIFIED PROJECTS

BUILDING	CITY
Sundeck Restaurant (1.0 Bronze)	Aspen
North Boulder Recreation Center (2.0 Silver)	Boulder
CH2M Hill South Building (2.0 Certified)	Englewood

REGISTERED PROJECTS

BUILDING	CITY
Alfred A. Arraj Courthouse	Denver
Belmar 2M3	Lakewood
Boulder Community Hospital	Boulder
Byron G. Rogers U.S. Courthouse	Denver
CH2M Hill North Building*	Englewood
CH2M Hill West Building	Englewood
Children's Hospital at Fitzsimons	Aurora
Denver Place	Denver
Donovan Park Facility	Vail
Durango Discovery Museum*	Durango
Eagle River Valley Academic Center	Edwards
Fossil Ridge High School	Fort Collins
Green Classrooms of Guggenheim Hall	Fort Collins
New Belgium Brewery	Fort Collins
NREL Science & Technology Facility	Golden
Pikes Peak Regional Development Center	Colorado Springs
Russell T. Tutt Science Center	Colorado Springs
Snowmass Golf Clubhouse	Aspen
University of Denver College of Law	Denver
Wellington E. Webb Municipal Building	Denver

* New!

SPONSORSHIP

Your 100% volunteer staff has been working hard and long to see this goal of a local Colorado USGBC chapter. Your donation helps green building move from innovative idea to factual reality. Much more is needed to meet our goal. Support from our members and sponsors will enable us to expand current programming while developing additional funding (including grant) opportunities.

We have established levels of event sponsorship. Be seen! All levels from \$100 and up are recognized in our newsletter. Donations at all levels are needed at this time, including in-kind donations, silent auction and door prizes.

As an event sponsor you are entitled to recognition from the podium, table top displays and complementary event tickets. These vary by level, so please contact Carol Blaha by email at cblaha1219@aol.com for a copy of our current sponsorship guidelines and other information on how to sponsor a USGBC Colorado Chapter event or publication.

Thank you to these sponsors for in-kind donations during November!



THE COMMUNICATION CHANNEL OF THE COMMERCIAL REAL ESTATE COMMUNITY

USGBC NEWS

Greening the Greenbuild Conference

(continued from cover)

Waste Minimization

The convention center, caterer and hotels have been asked to have recycling, reduction and reuse programs in place and recycle glass, aluminum, plastic, paper, grease, and cardboard, in addition to donating leftover food.

Environmental Purchases

The convention center has been asked to provide minimum 20% recycled products for hand towels and toilet paper, and a minimum of 50% environmentally responsible cleaning products for carpets, floors, kitchens and bathrooms.

Caterers/hotels will be expected to purchase locally grown and organic foods wherever possible and affordable (minimum 15% of meals).

Greenbuild will use name badges printed on recycled paper and recycled name badge holders, conference bags or giveaways made of recycled materials, and programs printed on recycled post-consumer paper with soy-based ink.

EVENTS UPDATE

Monthly Evening Programs

Join us to socialize and hear great speakers on relevant green design topics. As always, refreshments are included in the price of admission. December's event, to be held on the 1st, will feature Greg Hurst from EDAW, who will discuss site water conservation, including graywater, swales and water retention.

Time: 5:30 PM until 8:30 PM

Cost: \$15 for USGBC Members, \$20 for non-members and \$10 for students

Place: REI Flagship Store
1416 Platte Street
Denver, Colorado

Planning for 2004 events is underway. If you have an idea for a monthly evening program, please contact Michael Haughey at mhaughey@earthlink.net.

USGBC–Colorado Chapter LEED™ Study Guide Now Available!

by Timothy Moore, tmoore@Whole-Systems-Design.com

LEED accreditation encourages understanding of the Rating System and the fundamentals of green building while providing the opportunity to gain recognition for that knowledge.

If you're planning on taking the LEED accreditation exam, or if you just want to better understand the LEED Rating System, the Colorado Chapter now has a study guide available to help. As a supplement to other USGBC resources, the guide provides targeted information on preparing for the exam and tools to assist in reviewing essential knowledge.

The guide includes an overview of LEED history and fundamentals, a summary of essential project registration and certification steps, highlights from recommended study materials, and info on how, where, and when the exam can be taken in Colorado. A description of the exam and a set of sample questions are included. Key building-related environmental, health,

and economic issues are reviewed. A broad range of green-building benefits and the mechanisms behind them are outlined along with economic considerations of green building in the context of LEED. The guide covers integration of LEED with green building design and construction and introduces the critical design charrette component of the process. An extensive list of resources and a glossary of acronyms and abbreviations are provided. The guide also has a checklist of concepts, terminology, and referenced standards associated with each LEED credit to help you determine what you may need to brush up on and to support your understanding of where the standards apply.

The \$15.00 Study Guide can be ordered by emailing Brennan Schumacher (brennan@meritelec.com) and will also be available for purchase at Chapter-sponsored events. In the future it will be made available via the Chapter web site.

CALENDAR OF EVENTS

Below is a listing of green-building related events that may be of interest to our readers. If you know of other events that should be listed in this calendar, please contact Michael Hoffman at mhoffman@designworkshop.com.

ORGANIZATION	EVENT	LOCATION	DATE	WEBSITE / CONTACT
AIA Committee on the Environment	Meeting	Arvada, CO	Nov. 5, 2003	pkelsey@amdarchitects.com
Catamount Institute	Green Development Conference	Colo. Springs, CO	Nov. 6, 2003	www.catamountinstitute.org
Georgia Institute of Technology	High-Performance Building Envelopes	Atlanta, GA	Nov. 7, 2003	www.coa.gatech.edu/conted/
U.S. Green Building Council	GreenBuild 2003	Pittsburgh, PA	Nov. 12-14, 2003	www.greenbuildexpo.com
AIA	Western Mountain Region Conference	Beaver Creek, CO	Nov. 13-15	www.aiacolorado.org
AIA Academy of Architecture for Health	Women, Children and Healthcare	Denver, CO	Nov. 19-22	www.aia.org/aah/brochure/
Joint Ventures	Partners in Stewardship Conference 2003	Los Angeles, CA	Nov. 17-20, 2003	www.partnerships2003.org
* USGBC Colorado Chapter	Evening Program	Denver, CO	Dec. 1, 2003	www.usgbc.org/chapters/colorado