



2007 Emerging Green Builders Design Competition

OVERVIEW

The USGBC NaturalTalent 2007 Design Competition provides an applied learning experience in the principles of integrated design, sustainability, innovation, and social consciousness; all of which are components of the LEED™ Green Building Rating System. Participants will compete in a local competition, the top winner of which will move on to compete for a national award at Greenbuild LA 2007. Awards include Green Building Scholarships as well as travel and registration to Greenbuild (<http://www.greenbuildexpo.org>), the USGBC's Annual Green Building Conference and Expo, where finalists' entries will be displayed and where final judging will occur. Greenbuild 2007 will be held in Los Angeles, CA, October 17-19, 2007.

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COMPETITION OBJECTIVES

- Broaden environmental education in the building professions within the university system
- To empower students and young professionals within the green building movement to become future leaders
- Highlight the presence, efforts, and initiative of students and emerging leaders in the green building movement
- Encourage the reduction of the dependence on fossil fuels within the building industry
- Integrate students with esteemed individuals from the USGBC and green building industry
- Raise awareness of exemplary designs of future designers by displaying them at Greenbuild
- Utilize LEED™ as a guideline for building design and performance
- Recognize and award students and emerging green builders for their dedication, creativity, innovation, and commitment to sustainable design

ELIGIBILITY

The Competition is open to all university level students (of any discipline and level) and individuals with less than five (5) years experience in the building industry.

- Teams and individuals wishing to participate in the competition will qualify to enter the nearest competition site to their residence. This will depend largely on the Chapters participating.
- Both individuals and teams are permitted to enter.
- Multi-disciplinary and international teams are strongly encouraged.
- Teams are to be no larger than five individuals.
- Only one entry per team/person will be accepted.
- We encourage teams to secure a faculty member or industry professional to fill an advisory role. The Competition Committee will not recommend advisors but encourage participants to seek them out themselves. Please check the USGBC website for a list of LEED Accredited Professionals in your area or contact your local USGBC chapter for help identifying an advisor.

REGISTRATION

December 15, 2006: Registration goes live on the national USGBC website.

1. Teams are required to complete an online registration form by visiting the Emerging Green Builders national website at www.usgbc.org/egb; only one form per team. All information must be complete to be considered a valid entry. A confirmation email will be sent from National within five (5) business days of receiving the registration, and will contain information on how to proceed. Registration is mandatory to receive additional instruction on project submittals.
2. Teams are required to identify a team contact. This person will receive important information from the local competition committee and is responsible for final submission. The team contact will be responsible for all communication between the design team and the Competition Committee. Additionally, the team contact should disseminate all information from the Competition Committee to their entire team.
3. Each team/individual may only enter one local competition. This competition should be the competition geographically closest to your current location.

COMPETITION CHALLENGE

Chapter Goals: Design a LEED Platinum project to:

- Engage student populations in sustainable design
- Provide documents to be used for a capital campaign for Comprenew
- Improve operating conditions for Comprenew
- Provide a catalyst for change in the neighborhood
- Spotlight sustainability efforts in the region
- Expand public awareness of LEED
- Showcase LEED-EB

PROJECT CONTEXT & LOCATION

We have selected Comprenew Environmental as the “client” for our 2007 Emerging Green Builders Design Competition. Located at 629 Ionia Avenue SW in Grand Rapids, this building is to be redesigned using the new LEED for Existing Buildings (LEED-EB) design protocols, and will provide a great challenge for the design teams. The site is in a struggling urban warehouse district, six blocks south of downtown Grand Rapids, along the US131 corridor.

Comprenew is a non-profit corporation that serves to recycle obsolete computer equipment, by recycling or rebuilding the equipment, or recycling, and properly disposing of toxic materials. Additionally, they provide business skills for at-risk, inner-city high school students, and provide equipment and funding for educational initiatives on a global scale. For more information about Comprenew, go to <http://www.comprenew.com>.

On January 10, 2007 Comprenew, and the USGBC West Michigan Chapter will host a Kick Off Event. All teams are encouraged to attend. We will have opening remarks from Grand Rapids Mayor George Heartwell, a review of the Competition rules, an introduction to the Comprenew organization, tours of the facility, meet the event sponsors, and talk to the students working at Comprenew. Further details of the event will be sent to registered teams.

On April 24th, 2007 USGBC President Rick Fedrizi will be our keynote speaker at our Design Competition Awards Banquet. Rick is one of the visionaries who conceived the USGBC, and is an inspiring speaker.

DEVELOPMENT PROGRAM

The following program elements will be included in this project:

- Sitework
- Office Space
- Retail Space
- Classroom Space
- Shipping / Receiving
- Assembly / Disassembly
- Warehouse Space
- Energy Management
- Indoor Environmental Quality
- Daylight and Views

DESIGN GOALS

Evaluation criteria at the national level:

- Conceptual Design and Program fulfillment: how the project’s vision has met the requirements
- Integration of green design strategies and applicability to LEED criteria
- Creativity in process, design and innovation
- Engagement of environmental, economic, and social aspects of program and site
- Overall energy reduction and its documentation

SUBMISSION REQUIREMENTS

Submission for Requirements at the National Level

- At minimum, boards submitted at the national level must include:
 - Site plan providing context (scale at the discretion of the entrant)
 - Building Section
 - Floor plan
 - Illustration of key elements of sustainable infrastructure and building systems
 - Wall section OR detail illustrating special environmental features
 - **Do not** include names or the name of your team on the board
 - All entries must remain anonymous at all levels.
 - Each entry must also provide a digital file of the image as a JPEG or TIFF format at 300dpi, full size.
 - Failure to follow the submission requirements could result in disqualification. This will be left up the judges' discretion.
 - **Deadline for submissions will be finalized when all participants are registered.**
2. Other important notes:
- LEED is a design guideline only. It is understood that this will not portray an accurate LEED score.
 - No LEED credit interpretation rulings will be provided.
 - Designs do not need to be engineered for construction. You should be mindful of conventional design practices, although no other codes other than ADA need to be explicitly met (i.e. local building code, IBC or UBC, fire code, etc.).

FINALISTS

Finalists at the local level will be given additional time to develop and detail their designs. Finalists will be permitted two 30"x40" presentation boards for final presentation at Greenbuild in Los Angeles. The finalists may be given specific LEED credits to consider, including material samples and details.

An electronic copy of the two boards for entry will be due to the National EGB Competition Committee October 1, 2007. These electronic copies should be PDF files formatted to fit on an 11x17 sheet. Entrants are responsible for ensuring both boards are physically present at the Greenbuild Conference and Expo in Los Angeles, CA, for display and final judging. This will be coordinated with the National EGB Committee toward the end of September. Finalists are strongly encouraged to attend Greenbuild but are not required to do so. All projects in the final round of judging will also be posted to the Emerging Green Builders Website.

As earlier stated, final presentations can be further developed and modified from the original project submission, although not redesigned. There must be a clear relation to the original submission. *The Competition Committees at both levels reserve the right to disqualify any entry perceived to be redesigned.*

JUDGING

There will be two phases of judging in the 2007 competition. The first will take place at the local level before April 24, 2007, on a date to be set by the local host organization. Judging at the national level will take place at Greenbuild in Los Angeles, CA, by an esteemed panel of green building experts.

AWARDS

The local jury will award a first, second, and third place, as well as two Honorable Mention Awards. Winning teams will receive the following awards:

- 1st Place: \$1,000
- 2nd Place: \$500
- 3rd Place: \$250
- 4th and 5th: Honorable mentions

***NOTE:** First place winners will also get travel, lodging and registration to Greenbuild in Los Angeles. If an international registrant would win the local competition, they would be given a stipend to assist in their airfare and hotel, in addition to EGB registration.*

National awards are as follows:

- 1st Place: \$5,000
- 2nd Place: \$2,000

DISCLAIMER

The National EGB Committee reserves the right to refuse any entry. The USGBC is not liable for lost or misdirected, late or substantially incomplete entries, as well as any entries containing text/images that identify the designer to jurors. The decisions and opinions of the jurors represent their professional viewpoints, not the opinion of USGBC. All prizes will be awarded at the discretion of USGBC and all decisions are final.

All drawings, photographs, photocopies and other physical materials submitted to the competition become the property of the USGBC and will not be returned. It should be emphasized that this competition is purely conceptual, and the selection of finalists or prize-winners in no way indicates intent of the property owners to implement the proposed schemes. Upon registering for this competition, all competitors agree to waive any and all claims against the USGBC as a result of the competition. Also, by registering, the entrants transfer unlimited use for publication, exhibition and electronic posting of all entries to the USGBC. All images must either be created by the team or sufficiently cited. Failure to do so will result in disqualification. Fill out and return the Image Use Form found on the national EGB website prior to submitting for your local competition.

This competition, headed by the USGBC Emerging Green Builders Committee, has no intention to award or grant any building contracts for the designs submitted in this competition.

COMPETITION SCHEDULE

- December 15, 2006: Registration goes live on the national USGBC website.
- January 10, 2006: Competition Kickoff Event
- April 20, 2007, Projects Due
- April 23, 2007, Judging
- April 25, 2007 Design Competition Awards Ceremony
- October 1, 2007: National deadline for those chosen to compete at Greenbuild 2007.

CONTACT INFORMATION

For additional information, visit the FAQ page at www.usgbc.org/egb,

Or contact emerginggreen@usgbc.org

Or contact Sam Pobst, USGBC West Michigan Chapter President at sam@ecometrics.biz