



## EMERGING GREEN BUILDERS

OF THE CASCADIA REGION GREEN BUILDING COUNCIL

WITH GROUPS IN: VANCOUVER, BC VICTORIA PORTLAND SEATTLE BELLINGHAM

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### USGBC Natural Talent Design Competition Program Summary

#### OVERVIEW

The Cascadia region 2008 Natural Talent Design Competition (NTDC) provides an applied learning experience in the principles of integrated design, sustainability, innovation, and social consciousness. All of these are components of the Living Building Challenge, the focus of this year's competition. Through their branch of the Emerging Green Builders, the Cascadia chapter of the USGBC is offering this competition to students and young professionals. Participants will compete regionally and the winners will be announced at Living Future 08, Cascadia's Unconference in Vancouver, BC on April 16-18, 2008. Regional awards include green building scholarships and one person's travel and registration to Greenbuild 2008, the USGBC's annual green building conference and expo. The winning regional design will move on to compete for the national award at Greenbuild, where the design will be displayed among the nationwide finalists and where final judging of the national competition will occur. Greenbuild 2008 will be held in Boston, MA on November 19-21, 2008.

#### COMPETITION OBJECTIVES

- To broaden environmental education of the building professions within the university system
- To empower students and young professionals within the green building movement to become future leaders
- To highlight the presence, efforts, and initiative of students and young professionals in the green building movement
- To encourage the reduction of the building industry's dependence on fossil fuel
- To integrate emerging green builders into the green building industry, through contact with esteemed professionals, Cascadia, and the USGBC
- To raise awareness of exemplary designs of emergent designers by displaying them at Greenbuild 2008
- To utilize the Living Building Challenge as a guideline for building design and performance
- To recognize and award emerging green builders for their dedication, creativity, innovation, and commitment to sustainable design

The Cascadia Region Green Building Council (Cascadia) is issuing a challenge to build in a way that will provide all of us a sustainable future, the Living Building Challenge (LBC). Competition prizes will be awarded to the applicant teams from within the Cascadia bioregion (OR, WA, ID, MT, BC or AK) who best



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meet the established criteria. The monetary prizes are intended to award teams whose entries reflect true sustainability as measured by the definition of the LBC, integrated and holistic building systems, economic viability and connection to community. Collaborations are encouraged between individuals, firms, or disciplines, as they are the cornerstones of an integrated design approach.

### ELIGIBILITY

The Competition is open to all university level students (of any discipline and level) and individuals within five (5) years of graduation.

- Teams and individuals wishing to participate in the competition must reside within the Cascadia Bioregion and be members of Cascadia at the EGB level
- Both individuals and teams are permitted to enter
- Multi-disciplinary 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 encourages participants to seek them out themselves.

### REGISTRATION

The Cascadia region 2008 NTDC project registration fee is \$25 per team before the early registration deadline of March 7<sup>th</sup> and \$75 per team until registration closes on March 29<sup>th</sup>. The registration fee includes access to the Living Building Challenge Community Forum and the *Living Building Challenge User's Guide* throughout the length of the competition.

1. Teams are required to register through Cascadia the following URL:  
<http://2008ntdc.eventbrite.com/>
2. All team participants must be members of Cascadia at the Emerging Green Builders Level.
3. Teams are required to identify a primary 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



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Committee. Additionally, the team contact should disseminate all information from the Competition Committee to their entire team.

4. Each team/individual may only enter one local competition. This competition should be the competition geographically closest to your current location. For the Cascadia region each team/individual must enter the 2008 NTDC through the Cascadia Region Green Building Council.

### COMPETITION CHALLENGE

- The 2008 NTDC is raising the bar and defining a true measure of sustainability in the built environment through the LBC.
- Demonstrate that your project entry addresses the 16 prerequisites of the LBC. As a method of approaching the competition, teams are encouraged to focus on one or more of the LBC's Petals.
- The 2008 NTDC serves to generate ideas, not built structures. Emphasis should be on new ideas and technologies, and on creativity and innovation. Completed construction drawings are not expected.

### PROJECT CONTEXT & LOCATION

Projects must be located within the Cascadia bioregion. Project teams must choose a specific site location for their design. Information on the location must be provided in terms of site and situation. The competition does not specify the program type (e.g., office, mixed-use, home) however the project team must specify the program for their design.

### DESIGN GOALS

#### *Evaluation criteria:*

- Conceptual Design: how the project's vision has met the requirements of the LBC
- Integration of green design strategies and applicability to LBC criteria
- Creativity in process, design and innovation
- Engagement of environmental, economic, and social aspects of program and site

### Requirements for Submission for Cascadia EGB

- Two boards of 30"x40", **Please note: boards must be transported to Living Future in Vancouver BC, please see [www.cascadiagbc.org/egb](http://www.cascadiagbc.org/egb) for more information.**



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- A digital file of the boards in JPEG or TIFF format, at 300dpi, full size. Files are due midnight on March 29<sup>th</sup>. Please see [www.cascadiagbc.org/egb](http://www.cascadiagbc.org/egb) for more information.
- A two-page written design analysis in PDF form describing how the project design meets the LBC and each of its Petals.
- All entries must remain anonymous at all levels.
- All entries need to be submitted in English.
- Failure to follow the submission requirements could result in disqualification. This will be left up to the judges' discretion.

### Requirements for Submission at the National Level

*(Please note these are only requirements for the winner of the local competition)*

- 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 to the judges' discretion.
- A one-page written design analysis in PDF form to provide the judges with further insight into the submissions.

### Other Important Notes

- All entries need to be submitted in English.
- Designs do not need to be engineered for construction, but should be mindful of conventional design practices.
- Other than ADA, no codes need to be explicitly met. (e.g. local building code, IBC or UBC, fire code)



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### 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 Boston.

An electronic copy of the two boards for entry will be due to the National EGB Competition Committee October 1, 2008. 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 Boston, MA, 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. All projects in the final round of judging will also be posted to the Emerging Green Builders Website.

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 2008 competition. The first will take place at the local level with winners announced at Living Future 08 in Vancouver BC, April 16-18, 2008. Judging at the national level will take place at Greenbuild in Boston, MA, by an esteemed panel of green building experts.

### AWARDS

The local jury will select a winning design and award three Honorable Mentions.

*NOTE: First place winners (Only one representative per team) will also get travel, lodging and registration to Greenbuild in Boston. 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:

- 1<sup>st</sup> Place: \$5,000
- 2<sup>nd</sup> Place: \$2,000

### DISCLAIMER



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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

Local:

- **February 1, 2008:** Registration Opens
- **March 7, 2008:** Early registration deadline
- **March 29, 2008:** Final Registration/ Submission deadline
- **April 16-18, 2008:** Winners Announced

National:

- **November 15, 2007:** Registration goes LIVE on the national USGBC website.
- **August 1, 2008:** Latest date for local judging to be complete.
- **October 1, 2008:** National deadline for those chosen to compete at Greenbuild 2008.

### CONTACT INFORMATION



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For additional information and questions visit the FAQ page at [www.usgbc.org/egb](http://www.usgbc.org/egb) or

[www.cascadiagbc.org/egb](http://www.cascadiagbc.org/egb)

Contact [emerginggreen@usgbc.org](mailto:emerginggreen@usgbc.org) with any questions not answered on the above sites.

Local contact:

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