Beyond Green™
High-Performance Building Awards

Call for Entries

Buildings
Initiatives
Products

Award Luncheon Sponsored by:

An Authoritative Source of Innovative Solutions for the Built Environment

Photo: Redding School of the Arts, 2011 Honor Award - First Place for a New Academic Complex
The National Institute of Building Sciences Sustainable Buildings Industry Council (SBIC), along with lead sponsor, the Modular Building Institute, is proud to announce the 2012 Beyond Green™ High-Performance Building Awards. This unique program recognizes the initiatives that shape, inform and catalyze the high-performance building market, as well as the real-world application of high-performance design and construction practices.

The winners of the Beyond Green™ High-Performance Building Awards will present their projects at a special Beyond Green™ Awards Luncheon during the Institute’s Annual Conference, Building Innovation 2013, to be held January 7-12, 2013. This presentation and poster session gives winners an opportunity to share directly with leaders in the building community, highlighting the challenges and opportunities they faced while delivering high-performance buildings.

Winning projects will be published on the WBDG Whole Building Design Guide® website (www.wbdg.org).

Additional recognition will include an announcement in the Institute’s newsletter, a plaque, posting on the Council’s website and potential inclusion in future Council technical guidelines and publications.

Whole Building Design Objectives

A truly successful project is one where project goals are identified early on and where the interdependencies of all building systems are coordinated concurrently from the planning and programming phase. Further, it is one that helps the building community better understand the interrelationships, evaluate and appropriately apply the eight high-performance attributes as design objectives: accessible, aesthetics, cost-effective, functional/operational, historic preservation, productive, secure/safe, and sustainable. Each of these design objectives is presented in the context of the others throughout the WBDG Whole Building Design Guide® website. SBIC and its Beyond Green™ High-Performance Building Awards Program rely on the concepts embodied in the whole building design objectives to produce high-performance buildings. Each design objective described herein is significantly important, yet it is just one aspect of what it takes to achieve a successful project.

For more comprehensive descriptions of the eight high-performance attributes as design objectives, visit www.wbdg.org.

Sustainable: Pertains to environmental performance of building elements and strategies.
Safe/Secure: Design and construct buildings that resist natural and man-made hazards.
Functional/Operational: Define the size and proximity of the different spaces needed for activities and equipment and anticipate changing information technology (IT) and other building systems equipment.
Aesthetic: Pertains to the physical appearance and image of building elements and spaces as well as the integrated design process.
Historic Preservation: Protect and preserve, rehabilitate, restore or reconstruct historic buildings.
Productive/Healthy: Design for building occupant physical and psychological well being.
Accessible: Ensure equal use of the building for all and plan for flexibility.
Cost-Effective: Select building elements on the basis of life-cycle costs.
Category A: High-Performance Buildings

High-Performance Buildings can be:
• Commercial buildings, government buildings, homes, schools or institutional buildings.
• Renovation, retrofit, historic reuse or preservation projects.

Evaluation Criteria:
• Whole Building Design Objectives. Explain how you balanced the whole building design objectives and the synergies that result from their interaction.
• Integrated Design. Describe the process used to bring together a unified team to address the various design objectives.
• Benefits. Illustrate the benefits to the owner/client. Does the building have lower operations and maintenance costs or improved durability? How does the high-performance building provide greater benefit than a conventional building?
• Innovation. Describe unique aspects to your approach and any innovative problem solving you used to overcome challenges.
• Energy and Environmental Considerations. Describe how your entry promotes energy and water savings and the use of renewable resources.

Submission Requirements:
Description:
• Provide a description of the project, including the number and scope of buildings, history and completion date, site conditions/context and community.

Evaluation:
• Explain how the strategies you selected were implemented and evaluated in terms of their effectiveness. Include both qualitative and quantitative performance information.
• Describe design trade-offs and interactions.
• Describe both positive and negative aspects of the process, including the composition of the project team, that allowed goals to be met.
• List resources and/or tools that were utilized in the design/construction of the project and how they aided in the accomplishment of outlined goals.
• Describe how building materials, systems and product selection addressed the design objectives, goals and strategies.

Project Results/Lessons Learned:
• Describe goals that were met, especially as they relate to achieving the eight high-performance attributes as design objectives.
• Describe synergies that resulted from the implemented strategies.
• How did you measure or evaluate the performance of the building?
• Describe how the owner/client benefitted.

Additional Supporting Materials (four pages maximum):
Include materials/images that represent the building and strategies implemented in the project, such as a site plan, floor plans, elevations/sections, details and analyses/reports.

NOTE: Projects must have been completed within the last three years.
Category B: High-Performance Initiatives

High-Performance Initiatives can be:

- Policy Programs. Results from expert forums, code reforms, legislative initiatives or industry-led advocacy activities.
- Research and Construction Process. Software, databases, commissioning plans, analytic tools and construction methods. Other considerations may include inventions and innovative technologies.
- Educational Initiatives. Curriculum development or delivery for workshops, conferences or distance learning applications; development of professional literature, books, newspapers and magazines; or development of continuing education programs for building industry professionals.
- Consumer Awareness Efforts. Media campaigns, creative advertising, grassroots educational programs or demonstration houses and buildings.

Evaluation Criteria:

- Whole Building Design Objectives. Explain the successful resolutions to balancing the eight whole building design objectives, highlighting synergies resulting from their interaction.
- Transferability and Marketability. Describe how the initiative can be replicated by or for others, thereby extending the reach of the project.
- Energy and Environmental Considerations. Describe how your entry promotes energy and water savings and the use of renewable resources.

Submission Requirements:

Description:

- Provide a description of the policy, program initiative, product or activity.

Evaluation:

- Explain how your submission meets the Evaluation Criteria.

Results/Lessons Learned:

- Describe goals related to your submission that were and were not met and reasons for these outcomes.
- Describe synergies that resulted from the eight design objectives you address on your project.
- Define how these results were determined and measured.
- Describe benefits to your target audience.

Additional Supporting Materials (four pages maximum):
Include illustrative photographs, graphics and/or samples as appropriate.
Category C: High-Performance Products

High-Performance Products can be:
• Used in the construction or deconstruction of a building
• Used directly or indirectly by building inhabitants
• Used in the rehabilitation of a building
• Used in the operation of a building
• Used in the maintenance of a building
• Used in the design of a high-performance building (e.g., software)

Evaluation Criteria:
• Whole Building Design Objectives. Explain what high-performance attributes the product fulfills.
• Benefits. Illustrate the benefits to the owner/client. Does the product advance safety, improve comfort or decrease operational costs? Describe the uniqueness of the solution and how this product differs from currently available products.
• Innovation. Describe unique aspects of the product and discuss any innovative problem solving.
• Energy, Environment and Product Life Cycle. Describe how your entry promotes energy and water savings and/or the use of renewable resources. Also, if the product is tangible, describe the source materials, its life cycle and what is done with the product after its functional use.
• Integrated Design. Describe how the product is used to bring together a unified team to address the various design objectives.

Submission Requirements:

Description:
• Provide a description of the product, its purpose and the building types to which it can apply through photos or schematics.

Evaluation:
• Explain how the product came into existence, and describe how the product meets some marketable demand.
• Describe competing products and why this one is superior to others.
• Describe both positive and negative aspects of the product.

Additional Supporting Materials (four pages maximum):
Include materials that document safety features, product testing, independent evaluations, awards, recognitions and analyses/reports as appropriate.

The Greg Franta Memorial Award
SBIC will present the Greg Franta Memorial Award. Greg was a dynamic leader in the sustainable building field and a tireless supporter of SBIC as a long-time member, director and instructor. As SBIC chairman, he generously contributed his time and creativity to increase SBIC’s visibility, promote its mission and ensure technical accuracy. His untimely death left a substantial void in the sustainable building community, but his legacy endures as the work he pioneered continues.

Award Criteria
The Greg Franta Memorial Award recognizes a person or organization that has demonstrated an outstanding contribution to high-performance, sustainable building design and construction.
How to Apply

Entries may be submitted by email, with all supplemental materials (such as photos, images, floor plans, etc.) included as separate attachments, or sent by mail on a CD. In addition to addressing the Submission Requirements described on the previous pages, please complete the Entry Form in its entirety. If information is not available or not applicable to the project, simply enter N/A.

Who Should Apply

• Architects and engineers
• Consultants
• Builders
• Building owners (public & private)
• Developers
• Universities
• Trade associations
• Researchers & educators
• Product manufacturers & suppliers
• Marketing & media experts
• Utilities
• Municipalities

Submission Guidelines

Entries must be received by the Institute NO LATER THAN 5:00 p.m. EST on Friday, November 2, 2012.

The application fee is $300 for Institute and Council members and $400 for non-members. American Express, Visa and MasterCard are accepted. If paying by mail, checks must be made payable to The National Institute of Building Sciences or NIBS. No application fee is required for submissions for the Greg Franta Memorial Award.

Questions?

Email your submission to: sbic@nibs.org. Please include “Beyond Green™ Awards Program” in the subject line.

Or mail your submission to:

Attn: SBIC Beyond Green™ Awards
National Institute of Building Sciences
1090 Vermont Avenue, NW, Suite 700
Washington, DC, 20005-4950

The National Institute of Building Sciences may use the content of any entries to educate and inspire the building industry by creating case studies, web pages and new program curricula. By participating in the SBIC Beyond Green™ Awards program, entrants grant the Institute an unlimited, permanent, nonexclusive license, under which the Institute may film, tape, transcribe or quote from the materials and/or awards reception presentations; create derivative works; and publish in any format. The Institute will not be required to pay royalties or make any payment. Organizations or individuals presenting content considered proprietary, to the extent that it cannot be shared beyond the awards program, should not participate at this time.
### Select:

<table>
<thead>
<tr>
<th>Category A</th>
<th>Category B</th>
<th>Category C</th>
</tr>
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<tbody>
<tr>
<td>High-Performance Buildings</td>
<td>High-Performance Initiatives</td>
<td>High-Performance Products</td>
</tr>
</tbody>
</table>

**Title of Entry:**

**Submitted on Behalf of:**

**Name of Contact and Position:**

**Address (including city, state, zip):**

**Phone:**  
**Fax:**

**E-mail:**  
**Website:**

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<tr>
<th>Category A</th>
<th>Category B</th>
<th>Category C</th>
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<tbody>
<tr>
<td>Owner</td>
<td>Initiative Sponsor(s)/Client</td>
<td>Product Sponsor(s)/Client</td>
</tr>
<tr>
<td>Building Architect/Project Team</td>
<td>Initiative Contact Person/Manager</td>
<td>Product Contact Person/Manager</td>
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<tr>
<td>Project Contact Person</td>
<td></td>
<td>Product Designer</td>
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</tbody>
</table>

**Submission Fee:**

- **Member $300**
- **Non-Member $400**

**Payment Information:**

- Check enclosed. (Make check payable to the National Institute of Building Sciences)
- Visa  
  - MasterCard  
  - American Express

**Credit Card No.:**  
**Exp. Date:**

**Cardholder's Name:**

**Billing Address (including city, state, zip):**

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Beyond Green™  
High-Performance Building Awards

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Sustainable Buildings Industry Council

2012 Beyond Green™ High-Performance Building Awards

Entry Form
## Category A
High-Performance Buildings

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<thead>
<tr>
<th align="left">Building Name:</th>
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<tbody>
<tr>
<td align="left">Location (city, state, country):</td>
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<tr>
<td align="left">Construction Type (check one):</td>
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<tr>
<td align="left">☐ New Construction</td>
<td>☐ Renovation, Retrofit, Historic Reuse or Preservation</td>
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<td align="left">Size (ft²/m²):</td>
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<td align="left">Market Sector (check one):</td>
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<tr>
<td align="left">☐ Public (federal/state/local government)</td>
<td>☐ Private</td>
<td>☐ Other</td>
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<td align="left">Building Type (check one):</td>
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<tr>
<td align="left">☐ Office</td>
<td>☐ Academic</td>
<td>☐ Single family</td>
<td>☐ Multi family</td>
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<tr>
<td align="left">Delivery Method (check one):</td>
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<tr>
<td align="left">☐ Design/Build</td>
<td>☐ Design/Bid/Build</td>
<td>☐ CM</td>
<td>☐ Other</td>
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<tr>
<td align="left">Total Building Cost (cost ft²/cost m²):</td>
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<tr>
<td align="left">Project Completion Date/Date Building Occupied:</td>
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<tr>
<td align="left">Design Software Used:</td>
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<td align="left">Energy Simulation Software Used:</td>
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## Category B
High-Performance Initiatives

<table>
<thead>
<tr>
<th align="left">Initiative Name:</th>
<th>Initiative Type:</th>
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<tbody>
<tr>
<td align="left">☐ Policy/program development initiatives (expert forums, code reforms, legislative initiatives, industry-led advocacy activities)</td>
<td>☐ Research and construction process (software, databases, commissioning plans, analytic tools, construction methods, inventions, innovative technologies)</td>
<td>☐ Educational initiatives (curriculum development or delivery for workshops, conferences or distance learning applications; professional literature, books, newspapers or magazines; continuing education programs for building industry professionals)</td>
<td>☐ Consumer awareness efforts (media campaigns, creative advertising, grassroots educational programs, demonstration houses and buildings)</td>
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<tr>
<td align="left">Initiative Start Date:</td>
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<tr>
<td align="left">Initiative Completion Date:</td>
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## Category C
High-Performance Products

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<tr>
<th align="left">Product Name:</th>
<th>Product Type:</th>
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<tbody>
<tr>
<td align="left">☐ Used in construction or deconstruction of a building</td>
<td>☐ Used directly or indirectly by building inhabitants</td>
<td>☐ Used in rehabilitation of a building</td>
<td>☐ Used in operation of a building</td>
</tr>
<tr>
<td align="left">Product Launch Date:</td>
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(This form will be included with the entry when it is submitted to the judges. To keep each entry anonymous, please do not include any information that would identify the firm or person submitting the entry.)
2012 Greg Franta Memorial Award

To be awarded to a person or organization that has demonstrated an outstanding contribution to high-performance, sustainable building design and construction. No application fee is required for submission of nominees for this award.

Nominator:

Nominator Affiliation:

Nominee:

Affiliation: 

Title: 

Address:

Telephone Number:

Fax Number:

Email Address:

Rationale: Provide a brief statement why you believe the nominee should receive the award (describe the contributions) and how these contributions have supported the mission, objectives, and goals of the Institute and the Council. Use additional pages if necessary.