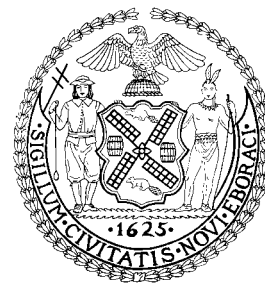


New York City Green Building Competition



Introduction

For the second year, the New York City Department of Environmental Protection (NYC DEP) and the United States Environmental Protection Agency (EPA) Region 2 are pleased to co-sponsor the ***New York City Green Building Competition***. This is a national competition that attracts professionals and students from across the field to present their innovative green building design projects and ideas for New York City. As a pre-eminent urban center, the city of New York plans to broaden its status to become a showcase for the world's green buildings.

Competition Objectives

- **Innovation:** Encourage the development of new ideas in green building design.
- **Adaptation:** Showcase projects that have successfully incorporated green building principles into new and existing New York City building stock.
- **Assimilation:** Highlight projects that incorporate green buildings into the existing fabric of the community.

The Vision: High-Performance Design

We envision building green as the standard practice in construction, demolition and rehabilitation projects across the nation with New York City as the showcase. The Solaire, the first green residential high-rise in the world, opened recently in Lower Manhattan while many other projects have begun or completed construction (e.g., the new Bank of America building at One Bryant Park, the Queens Botanical Garden in Flushing, the second, third and fourth green residential high-rises in Battery Park City and the Bronx Zoo's Lion House). Some of the most recent green buildings have moved beyond function to incorporate complex designs and architectural excellence. In a city like New York, design is fundamental, it is essential to continue to encourage projects that creatively achieve both design and environmental excellence.

Mayor Bloomberg stated that, "(H)istory will judge us kindly if we pay attention to sustainable kinds of development." From the homes we live and raise our families in, to our work places, we can create a living legacy. By building green, New York City can promote a healthy city for generations to come.

Jury Members

- Carlton Brown, Chief Operating Officer, Full Spectrum, LLC
- Chris Garvin, Co-Chair, Committee on the Environment, NYC Chapter AIA, Croxton Collaborative Architects PC
- Craig Graber, Co-Chair, Committee on the Environment, NYC Chapter AIA, Steven Winter Associates Inc.
- Julie Hoover, Senior Vice President, Parsons Brinckerhoff
- Brain McGrath, Co-Director, Urban Field Station; U.S. Forest Service/ Columbia University's GSAPP
- Wayne Tusa, Chair, Liaison and Communications Committee, NY Chapter USGBC, Environmental Risk and Loss Control, Inc

Please note, depending on the number of submissions, there may be additional jurors.

Endorsing Organizations

Mayor's Task Force on Sustainability

U.S Green Building Council, New York Chapter

Municipal Arts Society

Solar One

GreenHomeNYC

American Institute of Architects, New York Chapter

U.S.D.A. Forest Service-Northeastern Research Station

New York City Apollo

Eligible Applicants

This is an open competition which encourages artists, architects, community members, environmental designers, landscape architects and urban designers, both individuals and teams, to submit proposals.

Note: Sponsoring agency projects may not be submitted. Finalists for the 2004 competition will not be considered under the 2005 competition.

Projects

Projects **must** be classified in one of two categories:

- **Built**

This category seeks to award green buildings that have completed construction/ renovation and successfully incorporated an exemplary palette of green building strategies into beautiful designs. Projects must be completed by the date of submission, January 17, 2006.

- **Design**

Due to the recent expansion of the green building market within New York City, this category seeks submissions from projects that are not yet fully constructed. Designs could range from projects that are currently under construction to those that are strictly conceptual. These submissions should include thoughtful schematic designs and development documents.

Additionally, each project must fall into one of five subcategories:

- **Industrial**
- **Single family houses and low rise (up to six story) multiple dwellings**
- **Mid-rise and hi-rise apartment houses and hotels**
- **Commercial/ Office**
- **Public (e.g., Municipal Arts, Cultural, Assembly, Educational)**

All designs must address a specific site and its conditions, combining exemplary green building components and aesthetics to best serve the needs of the site. For both categories, only projects built in or designed for a specific site within the five boroughs of New York City will be accepted.

Submission Requirements

Submissions must be on 8 ½" by 11" paper that is at least 50% post consumer recycled content and printed double-sided. Applicants are encouraged to submit electronic submissions on a CD in either Microsoft software or the Adobe Acrobat Reader format. Bound submissions should not exceed 25 pages. **Please, no models.**

Each submission *must* include:

Cover Sheet	One page	Includes the project name, category, and the subcategory. Please do not include personal names, firm or organizational affiliations on this sheet.
Project Abstract	One page	Includes whether the project is new construction or rehabilitation; estimated or actual cost of the project (if applicable); a summary of the site location and the building's larger community context; a brief statement that describes the overall vision for the project (including project location, size in square feet, and program). The overview should also describe how this vision is realized in the design solution for the project, as well as how the project embodies the principles of green building design.
Full Project Description	Ten pages or less	Presents a more detailed project description of the design and construction processes. The written analysis should describe how the building incorporates (or will incorporate) sustainable principles in the planning, design, procurement, demolition, construction, and operation of the building. The analysis should include a description of any new innovative technologies and an explanation of the site location. Please be sure to include a description of how the project fits into the natural environment, the larger built environment, and the cultural community identity. When possible, quantify the resulting resource savings (e.g. energy use, water use, construction costs). Also indicate if construction has been completed, and if so, if the building is available for tours.
Design Materials	Twelve pages or less	The materials include a site plan (showing immediate surroundings/community where applicable), floor plans, elevations and sections, site photographs of the completed projects, 3D renderings, as necessary, to fully describe the building along with more detailed drawings, if desired, to highlight green aspects of building components. All plans should include a North arrow so as to understand solar access and other climate considerations. The design materials should be no more than 12 pages maximum. Please, no models.
Contact Information	One page	Include the project name, contact information (name, address, phone, fax, email) and which of the six categories your project falls under.

Design Criteria

Site

- Demonstration of how the project integrates the unique characteristics of the identified site (e.g. passive solar heating, responsible landscaping)
- Integration of the building into the identity of the existing neighborhood
- Site selection incorporates the rehabilitation of existing building stock, or reclaims contaminated, Brownfield site
- Enhancement of the economic, cultural and social aspects of the surrounding neighborhood (e.g., promotion of community, sense of place, public and green spaces, historic preservation)
- Consideration of access by pedestrians, public transport, carpool, bicycle

Energy

- Demonstration of energy efficiency, conservation and renewable energy

Water

- Safeguarding of water quality, and controlling storm run-off (e.g., green roofs)
- Demonstration of water conservation and reuse techniques (e.g., water saving fixtures and fittings, rainwater use, wastewater reclamation)

Systems + Materials

- Use of low-impact materials (e.g., local, recyclable, recycled, and/or renewable)
- Use of high-performance building systems
- Use of low-impact construction techniques (e.g., ultra-low sulfur diesel fuel (ULSD) in construction vehicles and minimization of traffic impacts)
- Coordination of construction and deconstruction waste minimization and recycling efforts
- Conservation of materials and resources; salvage and reuse of materials or building elements
- Reduction in the building's ecological footprint (e.g. minimizing materials, space efficiency, limiting impact on the ecosystem)

Indoor Air Quality

- Safeguarding of indoor environmental quality with effective ventilation and controllability of systems
- Use of low emitting materials (e.g., paints, adhesives)

Process

- Incorporation of site selection, site planning, and building design into a larger

- master plan
- Creativity in process, design and innovation (e.g., public participation)

Judging

The panel of expert jurors will base their decisions on the following:

- How well the project fulfills the design criteria stated above
- How well the project's vision is articulated and integrates green building strategies
- How well the project integrates the environmental, economic and social aspects of the site and the community
- How well the project contributes to the aesthetic quality of the community
- The extent to which any new and innovative planning, design, procurement, demolition, construction, or operation techniques were incorporated into the project
- Overall design excellence

Judges may request a tour of already constructed buildings. However, this is not a competition requirement.

Schedule

September 22, 2005	Announcement of Competition
January 17, 2006	Deadline for Submissions
February, 2006	Judging will occur over a four-week period.
March 2006	The winners in each category will be contacted to develop a poster.
March 2006	Announcement of Winners/ display of all projects.

Awards

There will be one award for overall design excellence. In each category, awards will be given at the jurors' discretion.

Winning participants will be contacted and required to develop a poster, at their expense, to summarize their project. Posters, and all other materials submitted, will be used for display. Poster requirements size, submission address and directions, media preference, will be determined in March. Additionally, the ideas identified in each submission will be used to advance the promotion and integration of green building principles into the New York City building arena.

Submission

Please provide two hard copies or two burned compact discs of all materials to:

New York City's Office of Environmental Coordination
100 Gold Street, Room 2608
New York, New York 10038

Submissions must be received by C.O.B. **January 17, 2006** to be considered.

For more information

For more information you can contact either **Maria Osorio**, Office of Environmental Coordination, at **(212) 442-8894**; e-mail: mosorio@cityhall.nyc.gov or **Rabi Kieber**, EPA Region 2, at **(212) 637-4448** or by email at kieber.rabi@epa.gov.

Disclaimer

The ***New York City Green Building Competition*** Committee reserves the right to refuse any entry. We are not liable for lost, misdirected, late or substantially incomplete entries. All submitted materials become the property of the City of New York and will not be returned. Upon registration for this competition, all competitors agree to waive any and all claims against the sponsors and cooperating agencies which may result from the participation in this Green Building Competition. Also, by registering, the entrants agree that the Competition Committee shall have the unlimited right to publish and exhibit all entries and materials submitted by competition participants through any means of communication, including, but not limited to electronic posting. Entries may also be used as an educational resource.

EPA and the City of New York do not necessarily endorse or approve of the policies or products of any of the participating non-City agencies and no official endorsement should be inferred by an agency's participation in the Competition.