



**green
building
award 2010**
環保建築大獎

CONSERVING FOR LIVABLE ENVIRONMENT • BUILDING TOWARD SUSTAINABLE DEVELOPMENT
環境保育 • 綠建存承

GBA 2010

JUDGING CRITERIA AND NOMINATION FORMS

Nomination Deadline: Noon, 2 August 2010 (Monday)

Honorary Advisors

Mrs. LAM CHENG Yuet-ngor, Carrie, JP
Secretary for Development
Development Bureau
Hong Kong SAR Government

Mr. YAU Tang-wah, Edward, JP
Secretary for the Environment
Environment Bureau
Hong Kong SAR Government

Joint-Organisers



HKGBC
香港綠色建築議會

Hong Kong Green Building Council
www.hkgbc.org.hk



Professional Green Building Council
www.hkpgbc.org



Introduction: Green Building Award

Green Building Award 2010 (GBA 2010) is jointly-organised by the **Hong Kong Green Building Council (HKGBC)** and **Professional Green Building Council (PGBC)** to provide recognition to building-related projects with outstanding performance and contributions in sustainability and the built environment and also to transform the mainstream market towards wider adoption of sustainable planning, design, construction, management, operation, maintenance, renovation and decommissioning of buildings.

HKGBC was co-founded by four major construction industry and environmental organisations:

- Construction Industry Council (CIC)
- Business Environment Council (BEC)
- BEAM Society (BEAM)
- Professional Green Building Council (PGBC)

PGBC was co-founded by five building related professional institutions:

- The Hong Kong Institute of Architects (HKIA)
- The Hong Kong Institution of Engineers (HKIE)
- The Hong Kong Institute of Landscape Architects (HKILA)
- The Hong Kong Institute of Planners (HKIP)
- The Hong Kong Institute of Surveyors (HKIS)

GBA was successfully inaugurated by PGBC in 2006.

The publication of the GBA winning projects in 2006 and 2008 can be viewed at www.hkpgbc.org/page6_4.html and http://www.hkpgbc.org/download/final_080818.pdf respectively.

GBA 2010 builds on the past experience and continues with the following objectives:

- To provide recognition to building-related projects with outstanding contributions in sustainability; and
- To encourage adoption of sustainable planning, design, construction, management, operation, maintenance, renovation and decommissioning of buildings.

Sustainable Building: Award Definition

Sustainable building provides a quality living amenity for its users and neighbours in terms of social, environmental and economic aspects while minimising negative environmental impact at the local, regional and global levels throughout its full life cycle.

GBA 2010 Logo

The spherical GBA logo embraces multiple overlapping spheres depicting global sustainability elements. They interlock and evolve harmoniously to form an infinite cycle of dynamic forces for the future generations. Central to the GBA globe is the integration of green with Mother Nature - water, earth and sky.



1. Categories & Criteria

As a major biennale event in Hong Kong and the region, GBA recognises projects that demonstrate elegantly, durably and/or innovatively the principles for sustainable built environment. In GBA 2010, the award is open to all relevant projects in **Hong Kong** as well as the **Asia Pacific region**, embracing the following **six award categories**:

Hong Kong:

- **RP: Research & Planning**
- **NB: New Buildings** (For buildings completed after 1 January 2005)
- **EB: Existing Buildings**
- **AR: Adaptive Reuse & Revitalisation**
- **IN: Interiors**

Asia Pacific (All projects outside Hong Kong):

- **AP: Projects in Asia Pacific Region**

For each category, there are respectively four major measures of sustainability and performance metrics (Appendix 1). Entrants are asked to provide narratives responding to the measures, with quantifying metrics where appropriate.

2. Timeline

- **15 May** Announcement of GBA 2010 and open for nomination
- **2 August** Deadline for submission of nomination forms and documents
- **August** First screening on all nominations (projects will be short-listed for second screening in the form of site visits)
- **4 or 5 September** Site visits to short-listed projects by Jury Panel (Finalists will be determined AFTER site visits)
- **11 or 18 September** Finalists' Presentation to Jury Panel
- **3 November** GBA 2010 Award Presentation Ceremony cum Exhibition
- **4 November** Green Building Conference 2010

3. Jury Panel

For each category, the organiser will invite a jury panel to grant projects with Grand Award or Merit. The composition of each jury panel is to include eminent persons from the following sectors:

- **International expert**
- **Legislative councillor**
- **Government official**
- **Stakeholder representative**
- **President / Chairman or representative of professional institutes**

4. Submission Format

Entrants must fill in the **Nomination Form (Appendix 2A or 2B)** and **Project Team Details (Appendix 3)** together with a **Technical Presentation in the form of "PowerPoint" (not more than 30 slides)** to describe the project in response to the respective list of assessment criteria.

All submissions should be written in English unless specified otherwise.

Word document of the Nomination Form can be downloaded, and the infill space can be expanded to suit the entries. The input should be concise, but there is no limit to the total number of pages.



5. Required Documents

Hard copy of duly completed **Nomination Form** (Appendix 2A or 2B), **Project Team Details** (Appendix 3), and **six (6) CD-ROMs** containing:

- Soft copy of the duly completed Nomination Form (Appendix 2A or 2B) in "jpg" or "PDF" format;
- Technical presentation in form of "PowerPoint" (not more than 30 slides) to describe the project in response to the respective list of assessment criteria;
- Six electronic image files showing the entry project (Format: in "tif" or "jpg" format and image size not less than 350 dpi) for future publication use [please therefore ensure high quality and representation of the selected images]; and
- Soft copy of the duly completed/ signed project team details (Appendix 3) in "jpg" or "PDF" format.

6. Nomination Fee

A nomination fee of HK\$3,000 will be charged for each entry. Nomination fee must be made by crossed cheque and made payable to: "**Professional Green Building Council Limited**"

7. Eligibility

- Nominated projects are subject to no limitation in size and cost.
- For the categories of RP, NB and IN, a partially completed project would not be accepted unless phasing of the project is obvious enough to render the completed portion as a distinct entity.
- A project can be nominated provided it has never received any merit/award under the same category from the previous two Green Building Awards.
- Each Project Team can submit more than one nomination for different projects.

8. Submission Details

Deadline: **Noon, 2 August 2010** (Late submissions will NOT be considered.)

Complete nomination submissions with all required documents, including **forms** and **nomination fee** must be delivered to:

Secretariat Office of GBA 2010
Attention: Ms. Priscilla Tong
Room 1106-08, 11/F, C. C. Wu Building
302-308 Hennessy Road
Wanchai, Hong Kong

9. Enquiries

For enquiries, please contact:

Secretariat Office of GBA 2010
Mr. Sam Leung or Ms. Adela Au-Yeung
Tel: +852 2372 0090
Emails: sam@creativegp.com / adela@creativegp.com



















10. Important Notes

- Site visits (only for shortlisted projects within Hong Kong) and presentations to jury panel are compulsory for all short-listed projects after completion of the first screening process. Projects unable to attend/cater to these sessions will be disqualified.
- All finalist projects (projects selected after the second screening in the form of site visits) are required to present at the Green Building Conference 2010, which will take place at the Asia World Expo on 4th November 2010 (exact presentation time to be further determined).
- GBA 2010 Organising Committee reserves the right to reproduce, print, publish the material submitted in either paper or electronic format, or for any use in association with GBA, HKGBC and PGBC.
- GBA 2010 Organising Committee reserves the ultimate right to make final and binding decisions on the eligibility of all applications.
- GBA 2010 Organising Committee reserves the right not to bestow an award if the Jury Panel considers no nomination is worth receiving an award.
- Project Teams are required to conduct a final presentation to GBA 2010 Jury Panel once they are confirmed as Finalists by the Organising Committee.
- The decision of the Jury Panel shall be final.

Appendix 1A: Assessment Criteria – NB / EB / AR / IN Categories





(Note: Criteria that are inappropriate to a particular category, e.g. construction aspects for EB, and outdoor / neighborhood aspects for IN can be skipped as appropriate.)

	NB	EB	AR	IN
<p>1. QUALITY</p> <p>Indoor Environmental Qualities: Quality of indoor living environment creates health and comfort by integrating natural systems and appropriate technology to meet user satisfaction with respect to daylight, air, views, acoustics, etc.</p> <p>Bioclimatic & Landscape Qualities: Quality of outdoor environment creates comfort and livability through adaptation to the specific context/climate; provision of soft landscape within the lot; greenery; sensitive boundary treatment.</p> <p>Neighborhood Amenities: Quality of built environment values the ecological / environmental (e.g., urban air ventilation), social and cultural aspects of sustainability of the site and its surroundings.</p>				
<p>2. RESOURCES</p> <p>Energy Flows & Energy Future: Sustainable building conserves energy and reduces carbon footprint through effective use of energy, and anticipates future energy sources and needs such as renewable/alternative energy system.</p> <p>Material Use & Water Conservation: Reduction in material and water use from a life-cycle perspective; use of reusable/recyclable/recycled materials and the reuse of on-site water; optimised use of timber from sustainable sources.</p> <p>Waste Management & Pollution Control: Design, construction/demolition and operation to adopt best practice in municipal / C&D waste management (sorting, recycling, disposal); minimise air, noise and water pollution during construction.</p>				
<p>3. SUSTAINABILITY</p> <p>Life Cycle Perspective: Design promotes the principles of sustainability during the building life, “long life, loose fit”, including durability, flexibility and adaptability in the long term as well as the potential of adaptive reuse and disassembly at the expiry of its original use.</p> <p>Building Amenities: Design promotes build-ability during construction as well as the controllability and serviceability during the management, operation and maintenance of the building.</p> <p>Sustainability Policy & Feedback Loops: Financial/strategic policy commitment encourages public/user participation & monitors building performance, including post-occupancy evaluation on user satisfaction, to document effective implementation / improvement of sustainable measures.</p>				
<p>4. INNOVATION</p> <p>Project should elegantly integrate and express sustainable design, an inherent aspect of design excellence, and take advantage of innovative programming opportunities as well as other sustainable design innovations at appropriate stage(s) of a building life cycle.</p>				

Note: Reference can be made to the BEAM Plus standards for New Buildings and Existing Buildings, <http://www.hkgbc.org.hk/eng/beamplus-guidebook.aspx>



Appendix 1B: Assessment Criteria – RP (Research & Planning) Category

<p>1. ORIGINALITY</p> <p>Project should be fundamental research / planning study that enhances the advancement in sustainability in relation to the built environment.</p>	
<p>2. PRACTICALITY</p> <p>Project should offer the scope of generalisation, with beneficial applicability in the industry in terms of sustainable planning, design, construction and/or operations of the built environment</p>	
<p>3. QUALITY</p> <p>Project should demonstrate rigor and validity in research or study methodology.</p>	
<p>4. INNOVATION</p> <p>Project should demonstrate innovation in design or research through the process and/or finding.</p>	

Appendix 1C: Assessment Criteria – AP (Asia Pacific) Category

Nominated projects outside Hong Kong should be self-identified under a sub-category (**RP / NB / EB / AR / IN**).

The submissions shall refer to the relevant assessment criteria in Appendix 1A or 1B as well as the respective Nomination Form (Appendix 2A or 2B).



Appendix 2A: Nomination Form – NB / EB / AR / IN Categories

(Note: Criteria that are inappropriate to a particular category, e.g. construction aspects for EB, and outdoor / neighborhood aspects for IN can be skipped as appropriate.)

HONG KONG OR ASIA PACIFIC

Hong Kong

Asia Pacific

CATEGORY

NB EB AR IN A Mix (please specify)

Project name

English:

Chinese:

TEAM

Team or organisation name

Key team members:
names and disciplines

Client:

Architect:

C&S Consultant:

E&M Consultant:

Landscape Architect:

Main Contractor:

Occupant (for Interiors):

Others:

Contact person:
names and contacts

Name:

Position:

Organisation:

Address:

T:

F:

E:

STATUS

Completion date of construction
documents (for new / renovation project)

Estimated / original completion date of
construction



LOCATION / SCALE / USE

Project location, city and country

Site area, hectares (approx.)

Gross floor area, m² (approx.)

Gross floor area above ground, m²

Number of floors above grade

Approximate final population

Key Occupancy type(s)

BUILDING PERFORMANCE

Essential quantifiable features of the project (*Note: For the whole or a specified part [e.g., communal areas only] of the project as appropriate*):

- Projected / actual annual operating energy consumption (kWh/m²)
- Projected / actual annual carbon emissions related to the operation
- Projected / actual consumption of potable water (Litre/person/year)
- Measures taken to retain existing structures (if renovation), to use materials efficiently, to minimise use of scarce materials and to maximise use of recycled/salvaged materials
- Measures taken to reduce construction and operating solid and liquid wastes
- % of total planting area / site area (not applicable for IN category)
- Measures taken to optimise urban air ventilation / minimize heat island (not applicable for IN category)
- Measures taken to maximize the IEQ
- Evaluation of user satisfaction, including extent of occupant control on IEQ
- Notes on cost, preferably life-cycle cost



Notes on use of innovative practices used in the project such as a Life-cycle Assessment (LCA) approach

Use of energy simulation tool(s) to assess energy performance

Use of assessment tool on building performance, e.g. BEAM Plus (if so, state the tool & rating)

ADDITIONAL DATA (For EB only)

Estimated date for last major renovation

Type and source of monitoring data, based on at least 2 years of normal operation

PROJECT DESCRIPTION

Synopsis of the project in about 200 words

Other relevant achievement / award / educational programme, etc.

Insert small photo or illustration



PROJECT DESCRIPTION

Synopsis of the project in about 200 words

[Empty text box for project synopsis]

Relevant achievement / award(s) / record of publication in local and international journals, etc.

[Empty text box for achievements and publications]

Insert small photo or illustration

[Empty space for photo or illustration]



Appendix 3

Project Team Details

Notes:

1. GBA 2010 Organising Committee will present awards to the listed team members only. Therefore, please make sure all parties with significant contributions are included in the project team list.
2. No replacement or changes can be made after submission, unless with special approval from GBA 2010 Organising Committee upon formal application.
3. The Project Team hereby agrees to grant GBA 2010 Organising Committee the permission to reproduce, print and/or publish the materials submitted in either paper or electronic format, or for any use in association with GBA, HKGBC and PGBC.

APPLICANT

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	
Authorised Signature & Chop	

CLIENT / DEVELOPER

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	
Authorised Signature & Chop	



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PROJECT MANAGER

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

ARCHITECT

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

CIVIL & STRUCTURAL ENGINEER

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

BUILDING SERVICES ENGINEER

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	



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QUANTITY SURVEYOR

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

LANDSCAPE ARCHITECT

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

TOWN PLANNER

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

MAIN CONTRACTOR

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	



SUSTAINABLE DESIGN CONSULTANT

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

ENVIRONMENTAL / ECOLOGY CONSULTANT

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

WIND / AIR VENTILATION CONSULTANT

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

RESEARCH INVESTIGATOR

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	



FACILITY MANAGER

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

MANAGEMENT COMPANY

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

OWNERS ASSOCIATION

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	

OTHER TEAM MEMBER

(Optional; please specify the role if applicable)

Organisation Name	
Address	
Contact Person	
Tel. No.	
Fax No.	
Email	