



green
building
award 2021
環保建築大獎

Organisers :



HKGBC
香港綠色建築議會



PABC
環保建築專業議會



GBA 2021 Nomination Kit

Shaping Liveability •
Excellence in Sustainable Built Environment

Nomination Deadline: 12:00 noon (Hong Kong Time), **15 June 2021**



**green
building
award 2021**
環保建築大獎

Organisers :



HKGBC
香港綠色建築議會



PGBC
環保建築專業議會

Introduction of Green Building Award

The **Green Building Award** is co-organised by the **Hong Kong Green Building Council** (HKGBC) and the **Professional Green Building Council** (PGBC). Inaugurated by PGBC in 2006, the Award aims to provide recognition to building-related projects and organisations with outstanding performance and contributions in sustainability and to encourage 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 Limited (BSL)
- 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)

The publications of the GBA winning projects and organisations in 2006, 2008, 2010, 2012, 2014, 2016 and 2019 can be viewed at <https://www.hkgbc.org.hk/eng/engagement/industry-schemes-awards/green-building-award/index.jsp>.



**green
building
award 2021**
環保建築大獎

Organisers :



HKGBC
香港綠色建築議會



環保建築專業議會

1. Award Categories & Assessment Criteria

As a major event in Hong Kong, GBA recognises projects and organisations that demonstrate elegantly, durably and/or innovatively the principles for sustainable built environment. **The five award categories in GBA 2021 are as follows:**

Main Category	Sub-Category
New Buildings (NB)	<p>1. Completed Projects (Obtained Occupation Permit or equivalent after 1 January 2018 and up till 31 May 2021)</p> <ul style="list-style-type: none"> a. Residential b. Commercial c. Institutional <p>2. Projects Under Construction and/or Design</p> <ul style="list-style-type: none"> a. Residential b. Commercial c. Institutional
Existing Buildings (EB)	<p>1. Completed Projects (Projects completed from 1 January 2017 to 31 May 2021) (Revitalisation, Renovation, Rehabilitation & Responsiveness)</p> <ul style="list-style-type: none"> a. Residential b. Commercial c. Institutional <p>2. Projects under Planning/ Design (Revitalisation, Renovation, Rehabilitation & Responsiveness)</p> <ul style="list-style-type: none"> a. Residential b. Commercial c. Institutional <p>3. Facilities Management (Carbon/ Energy Management, Engagement with Stakeholders)</p> <p>4. Interiors (For completed projects only)</p>
Research & Planning (RP)	<p>1. Research (For research projects completed with substantial findings/ results)</p> <p>2. Planning</p>
Building Products & Technologies (BPT)	
Green Building Leadership (GBL)	<ul style="list-style-type: none"> 1. Developers 2. Contractors 3. Consultants 4. Facilities Management 5. Green Product Industry Business 6. Government, Institutions & NGOs



green building award 2021

環保建築大獎

Organisers :



HKGBC
香港綠色建築議會



環保建築專業議會

Notes:

- **Special Citation on United Nations Sustainable Development Goals**

The 17 United Nations Sustainable Development Goals (UN SDGs) represent the aspiration of the people on Earth to address the global problems we face together, including those related to poverty, inequality, climate, environmental degradation, prosperity, peace and justice. The built environment, planning, architecture and design, interact with every goal.

This Special Citation is only applicable to Completed Projects of New Buildings Category & Completed Projects of Existing Buildings Category, and it may be bestowed to one or more of the Finalists/ Awarded Projects.

This Special Citation honours distinguished local or overseas built environment projects that can positively contribute to the realisation of one or more UN Sustainable Development Goals. Judging criteria shall be based on three key aspects: being INSPIRATIONAL, CONTEXTUAL & RESPONSIBLE with due consideration of the sustainable outcomes and significant impacts achieved by the projects.

More information about UN SDGs is available in the website: <https://www.uia-architectes.org/webApi/en/working-bodies/sdg>.

- Industrial Building will be included in Commercial Building Category.
- For detailed assessment criteria for each award category, please refer to Appendix I.

2. Key Dates

- **15 March 2021** Nomination starts
- **Noon, 15 June 2021** Nomination closes
- **July 2021** Selection of Finalists by GBA 2021 Scientific Committee
- **Mid-August 2021** Finalists announced
- **9 & 10 October 2021** Final Judging:
 - Site visit and presentation to Jury Panel
- For Finalists of completed NB and EB in Hong Kong
 - Presentation to Jury Panel
- For Finalists of other NB, EB, RP, BPT & GBL
- **January 2022** GBA 2021 Award Presentation Ceremony



**green
building
award 2021**
環保建築大獎

Organisers :



3. Nomination Fee

Main Category	Nomination Fee
New Buildings (NB)	HK\$ 6,000
Existing Buildings (EB)	HK\$ 6,000
Research & Planning (RP)	HK\$ 6,000
Building Products & Technologies (BPT)	HK\$ 6,000
Green Building Leadership (GBL)	HK\$ 6,000

Payment of nomination fee must be made by crossed cheque to: “**Hong Kong Green Building Council Limited**”. The nomination fee will not be refunded in any case.

4. Eligibility

- Nominated projects are not subject to any size or cost limitation.
- Any project can be nominated provided it has never received any Grand Award in the past 10 years under the same Sub-Category from the previous Green Building Awards.
- Any organisation can be nominated provided it has never received any Pioneer Award in the past 10 years under the same Sub-Category from the previous Green Building Awards.
- Each Project Team can submit more than one nomination for different projects.
- The organiser’s decision of the Main Category and Sub-Category for a nominated project shall be final.
- Applicant should be a Hong Kong-based organisation, institution, government department, registered company, or individual who is a permanent resident in Hong Kong. All applicants should have direct involvement in the nominated project, research or product.
- For Green Building Leadership Category, the core business of the organisation must be directly contributing to the building industry.

5. Required Documents & Submission Details

The Consent Form (in hard copy) and **crossed cheque of nomination fee (HK\$6,000)** together with **two (2) CD-ROMs/ USB** containing the following documents should be submitted to **GBA 2021 Secretariat Office** on or before **noon, 15 June 2021**:

- Duly completed forms:
 - (1) **Nomination Form in “Word” format**
 - (2) **Consent Form in “PDF” format**
 - (3) **Project Team Details in “Word” format** (*not applicable to GBL*);
- Technical presentation in “PowerPoint” format (maximum 10 slides) to describe the project/ organisation (the cover slide should state clearly the project name / organisation); and



green building award 2021

環保建築大獎

Organisers :



HKGBC
香港綠色建築議會



環保建築專業議會

- Ten (10) electronic image files showing the project/ organisation (in “tif” or “jpg” format and image size not less than 350 dpi) for future publication use. Please ensure high quality of the images.

Notes:

- **The Finalists will be announced in Mid-August 2021. Finalists will be invited to give technical presentation in “PowerPoint” format (maximum 30 slides in maximum 15 minutes) to Jury Panel** (the cover slide should state clearly the project name / organisation). **For non-HK NB and EB Completed Projects, since site visit will not be conducted, submission could also include a video to demonstrate the building features (optional) and the total presentation time would be 30 minutes.**
- All submissions should be written in English unless otherwise specified.
- GBA 2021 Organising Committee reserves the right to reproduce, print, publish the material submitted in either paper or electronic format, and for any use in association with GBA, HKGBC and PGBC.
- For GBA 2021, an e-booklet will be produced in English and Traditional Chinese.
- GBA 2021 Organising Committee reserves the ultimate right to make final and binding decisions on the eligibility of all applications.
- The Awardees of GBA 2021 may be nominated by GBA 2021 Organising Committee to participate in the next edition of the WorldGBC Asia Pacific Leadership in Green Building Awards. Information of the recent 2020 edition of the WorldGBC Asia Pacific Leadership in Green Building Awards (for reference): <https://www.worldgbc.org/news-media/nominations-open-worldgbc-asia-pacific-awards-2020>.

6. Jury Panel

For each category, the organiser will invite a jury panel to grant projects/ organisations with Grand Award, Pioneer Award, Merit Award, and/or Special Citation. GBA 2021 Organising Committee reserves the right not to bestow an award if the Jury Panel considers no nomination is worth receiving an award. The decision of the Jury Panel shall be final.

7. GBA 2021 Secretariat Office

For enquiries, please contact Ms Angel SIU/ Ms Mildred WONG at:

Email: gba@hkgbc.org.hk

Phone: 3994 8876

Address: 1/F, Jockey Club Environmental Building, 77 Tat Chee Avenue,
Kowloon Tong, Kowloon, Hong Kong



green building award 2021

環保建築大獎

Organisers :



HKGBC
香港綠色建築議會



PABC
環保建築專業議會

Appendix 1 - Assessment Criteria

A) New Buildings & Existing Buildings Categories

1. QUALITY (25%)

Environmental Quality and Wellbeing: Quality indoor and outdoor built environment promotes health, safety, comfort and wellbeing by integrating architecture, natural systems and appropriate technologies to meet user satisfaction with respect to daylight, air, views, acoustics, accessibility, etc.

Site, Neighbourhood, Landscape and Ecology: Quality built environment values many factors, including but not limited to, the ecological, environmental (e.g. water quality, micro climate, lighting, shadow effect and visual amenity, etc.), inclusive social and cultural interaction aspects, and provision of community facilities and placemaking, etc. where applicable to the development of the site and its surrounding areas.

Holistic design approach of hard and soft landscape provides blue/green infrastructure which can maximise the amenity values for users, create a comfortable and liveable environment, connecting the surrounding rural/urban ecology and enriching the biodiversity. Good landscape design and maintenance are essential including regular tree management and assessment.

2. RESOURCES (25%)

Energy & Towards Zero Carbon: Sustainable built environment promotes building design towards zero net energy consumption and zero / low carbon emission; reduces overall energy loading and able to harvest on renewable/ alternative energies sources, such as solar, wind, biomass; effective use of energy and application of ultra-efficient technologies.

Consumption & Conservation: Reduction in material and resources consumption from a life-cycle perspective. Use of reusable/ recyclable/ recycled materials and natural resources to promote clean energy and affordability.

Waste Management & Pollution Control: Design, construction and operations to adopt effective practices in waste management (sorting, recycling, disposal); minimise material wastes, air, noise and water pollution.

3. SUSTAINABILITY (40%)

Sustainability Policy & Engagement: Strategic policy and commitments to battle climate change and its impacts; encouraging stakeholders' engagement & public/user participation to build resilient infrastructure, promote inclusive and sustainable design and foster innovation in building / neighbourhood design and performance. Including also post-occupancy evaluations on user satisfaction, effectiveness of sustainable measures and improvements thereof.



**green
building
award 2021**
環保建築大獎

Organisers :



Building Passive Design: Comprehensive adoption of Building Passive Low Energy Architecture Design principles and utilise the natural resources, namely sunlight, water and wind, to reduce the demand for mechanical heating, cooling or lighting, and in turn reduce the potential demand for energy consumption.

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.

Building Amenities: Design promotes build-ability and industrialisation during construction as well as the controllability and serviceability during the management, operation and maintenance of the building.

Sustainable Lifestyle: Sustainable building and neighbourhood provides opportunities to promote public / users’ awareness and living towards a resource conscious and sustainable lifestyle.

Inspirational: Ability to inspire the general public, designers or users towards Sustainability at different levels, demonstrate a responsible and sensible use of the Earth resource in creating sustainable built environment using passive or active means, including but not limited to vision, design, research, practice, execution and impact.

4. UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS and INNOVATIONS (10%)

Green Building should address as far as possible the UN SDGs and integrate sustainable design, an inherent aspect of design excellence, and take advantage of innovative programming opportunities as well as other sustainable design / construction innovations and practices at various stages of the project and building life cycle.

Note 1: For **Existing Buildings** Category, presentations should benchmark against the building and neighbourhood conditions, building performances and liveability, etc. before the alteration / renovation / improvement works to demonstrate the benefits and merits brought about by the project design and innovations.

Note 2: General reference can be made to the BEAM Plus standards,
New Buildings: <https://www.hkgbc.org.hk/eng/beam-plus/beam-plus-new-buildings/index.jsp>
Existing Buildings: <https://www.hkgbc.org.hk/eng/beam-plus/beam-plus-existing-buildings/index.jsp>

Note3: More information about UN SDGs is available in the website <https://sdgs.un.org/goals>.



**green
building
award 2021**
環保建築大獎

Organisers :



HKGBC
香港綠色建築議會



環保建築專業議會

B) Research & Planning Category

1. ORIGINALITY (25%)

Project should be fundamental research / planning study that enhances the advancement in sustainability in relation to the built environment; or incorporate a new and broader framework of urban sustainability principles at the early planning stage for subsequent project implementation.

2. PRACTICALITY (25%)

Project should offer the scope of generalisation or its effective implementation, with beneficial applicability in the industry in terms of inclusive and sustainable planning, neighbourhood / community development, design, construction and/or operations of the built environment.

3. QUALITY (25%)

Project should demonstrate rigor and validity in research, study or design methodology.

4. INNOVATION (25%)

Project should demonstrate innovation in research or design through the process and/ or finding.

C) Building Products & Technologies Category

1. QUALITY (25%)

Building products and technologies that enhance indoor and neighbourhood environmental quality in areas of health, safety and liveability.

2. RESOURCES (25%)

Building products that are manufactured with the optimal use of raw materials; efficient management and conservation of resources with low embodied carbon; and minimised the associated environmental impact. Building technologies that serve to achieve the above.

3. IMPLEMENTATION (25%)

Successful application of the building products and technologies to achieve the intended results illustrated with usability, ease of maintenance, training and leadership engagement for the process change.

4. INNOVATION (25%)

Building products and technologies that demonstrate innovation in design and implementation with quantifiable benefits and demonstrated influence on the building industry through its application.



**green
building
award 2021**
環保建築大獎

Organisers :



HKGBC
香港綠色建築議會



環保建築專業議會

D) Green Building Leadership Category

1. POLICY & GOAL (20%)

Organisation should integrate sustainability into its corporate policy and business strategy, set its short and long-term corporate sustainability goals and establish its business plan to achieve these goals with reference to the UN SDGs.

2. INDUSTRY LEADERSHIP (30%)

Organisation should go above and beyond the green building industry best practices and lead by example to demonstrate the impact of its sustainability leadership to progress the UN SDGs and make an outstanding contribution to the sustainable built environment.

3. COMMUNICATION & ADVOCACY (30%)

Organisation should communicate its environmental and social impacts, advocate sustainability literacy and green building initiatives as well as educate employees, community and the industry about the best practices for sustainable built environment.

4. INNOVATION & PARTNERSHIP (20%)

Organisation which pushes boundaries through innovation, collaboration or cross-sectoral and multi-stakeholder partnership to tackle sustainability challenges in built environment and transform business as usual.