



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會



CIC SUSTAINABLE
CONSTRUCTION AWARD
建造業議會可持續建築大獎



Nomination Kit for **CIC Sustainable Construction Award 2023**

CIC extends our thanks to the Supporting Organisations



中華人民共和國香港特別行政區政府
發展局
Development Bureau
The Government of the Hong Kong Special Administrative Region
of the People's Republic of China



香港特別行政區政府
環境及生態局



香港特別行政區政府運輸及物流局
Transport and Logistics Bureau
The Government of the Hong Kong
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Development Department



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機電工程署
EMSD



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香港房屋委員會
Hong Kong Housing Authority



規劃署
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水務署
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發展局
Development Bureau

起Energying動 Kowloon East Office
九龍東辦事處



ENVIRONMENTAL
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香港建築扎鐵商會
HONG KONG BAR-BENDING CONTRACTORS ASSOCIATION



香港建築業物料聯會有限公司
HONG KONG CONSTRUCTION MATERIALS
ASSOCIATION LIMITED



香港建造業分包商聯會
Hong Kong Construction Sub-Contractors Association



HKICM
Hong Kong Institute of
Construction Managers
香港營造師學會



H K I P M



HKIQEP
香港環專會



HKSTP
香港科技園



HONG KONG
WASTE MANAGEMENT ASSOCIATION
香港廢物管理學會



HONG KONG-SHENZHEN
INNOVATION AND
TECHNOLOGY PARK
港深創新及科技園



REDA
香港地產建設商會



CIOB
The Chartered
Institute of Building



香港建築師學會
The Hong Kong Institute of Architects



THE HONG KONG
INSTITUTION OF ENGINEERS
香港工程師學會



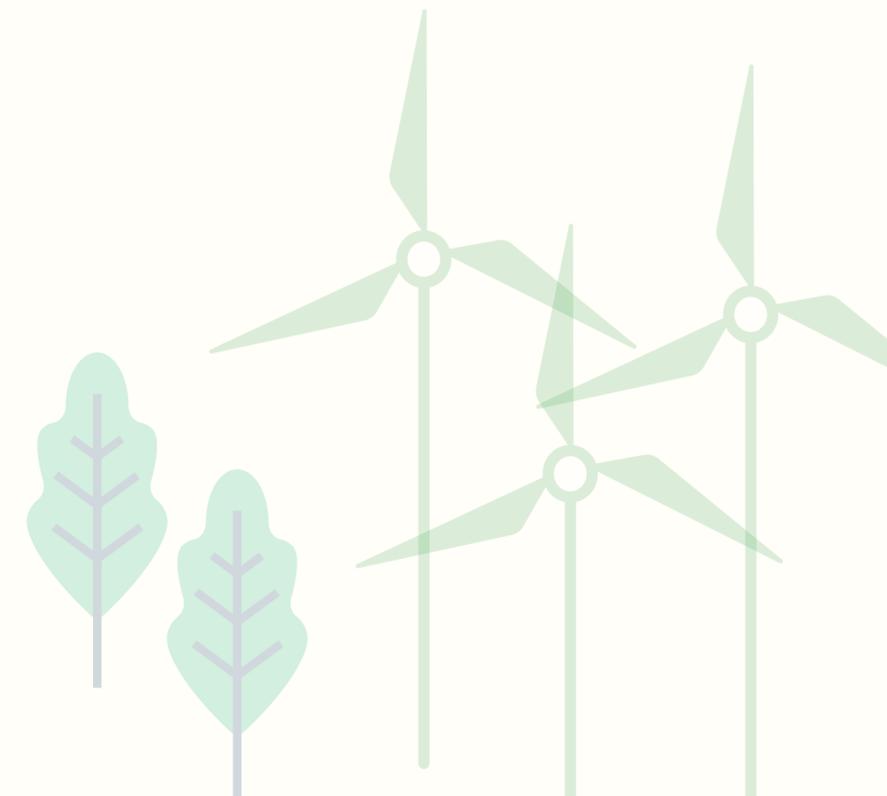
THE HONG KONG INSTITUTE OF
SURVEYORS
香港測量師學會



興勝建築有限公司
HANISON CONSTRUCTION COMPANY LIMITED

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1 / Background

The CIC Sustainable Construction Award (Award) is organised by the Construction Industry Council (CIC). The objectives of the Award recognises sustainability best practices among organisations and practitioners in particular the young generation of the construction industry and promotes continuous enhancements in sustainable construction in Hong Kong.

Important Dates



2/ Award Categories

The Award has two main categories – “Organisations” category and “Industry Practitioners” categories to assess the performance and efforts made in promoting sustainable construction.

2.1 Organisations Category

Project Owner (Public Sector)

It is applicable to land and property developers associated with the HKSAR Government departments, public utilities and their subsidised organisations¹.

Developer (Private Sector)

It is applicable to land and property developers associated with private enterprises and other entities which are not classified as project owners of public sector.

Contractor in all tiers i) New Works

The project should be construction works performed by main contractors and contractors in all tiers, but not limited to foundation, building or civil projects.

Contractor in all tiers ii) Repair, Maintenance, Alteration & Addition (RMAA) Works

The project should be repair, maintenance, alternation and addition works at designated locations other than construction sites, including general trades² and special trades³.



There are Gold, Silver, Bronze and Merit Award in each sub-category under “Organisations” category, a **total of 16 awards** or a combination as deemed appropriate by the Judging Panel of the Award (Judging Panel).



A “**Smart Sustainability Award**” is added under “Organisations” category to recognise winners with outstanding performance in application of digitalisation to contribute to sustainable construction.

1. Examples include AA, ArchSD, CEDD, CLP, DSD, EMSD, Hospital Authority, HyD, HKE, Housing Department, HKHS, HKJC, MTR, WSD, URA or other relevant entities.
2. General trades include decoration, repair and maintenance and construction works at minor work locations such as site investigation, demolition, and structural alternation and addition works.
3. Special trades include carpentry, electrical equipment, ventilation, gas and water fitting installation and maintenance etc.

2.2 Industry Practitioners Category

Construction Manager

The applicant should be appointed as an on-site management staff who is authorised to allocate site resources for sustainability.

General Practitioner

The applicant should be a registered construction worker under the Construction Workers Registration Ordinance (Cap. 583) (CWRO) and/or a frontline staff who is supervising, arranging or coordinating the construction works, such as construction supervisor or equivalent.

Young Practitioner (Aged 18-27)

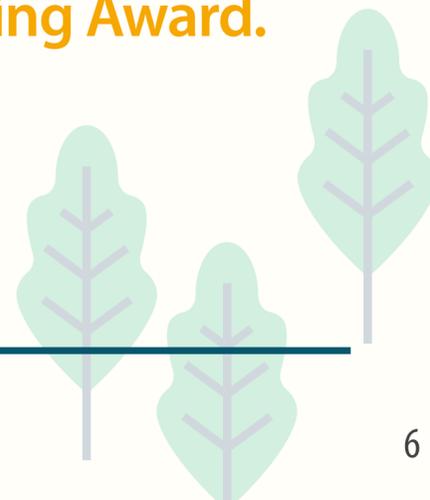
The applicant should be a registered construction worker under the CWRO and/or a frontline staff who is supervising, arranging or coordinating the construction works, such as construction supervisor or equivalent. The applicant must be aged 18-27.



5 Outstanding Awards and 1 Excellent Award in each sub-category under “Industry Practitioners” category or a combination as deemed appropriate by the Judging Panel.

Each winning practitioner should receive an “award trophy” and a monetary incentive of

HK\$20,000 for the Excellent Award or HK\$10,000 for the Outstanding Award.



3 / Assessment Process

3.1 Organisations Category

Initial assessment

Fill in the online application form with supporting documents



Site interview

Shortlisted applicants will be invited to give a presentation. Site tour should be arranged if necessary



Final assessment

Finalists will be invited to give a presentation



3.2 Industry Practitioners Category

Initial assessment

Fill in the online application form supporting documents or submit a video (if applicable)



Final assessment

Shortlisted applicants will be invited to give a presentation



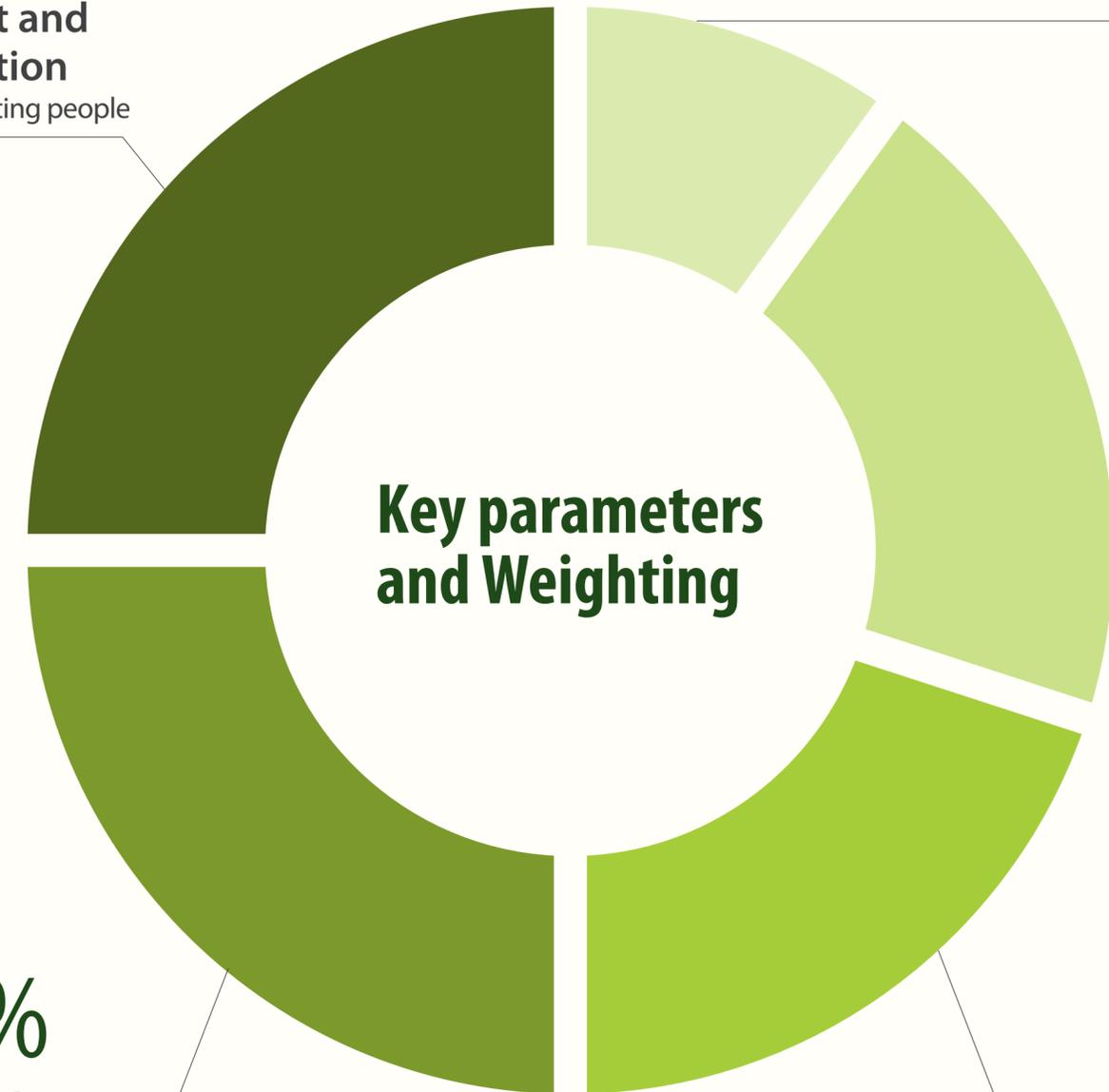
4 / Judging Criteria for Organisations Category

The judging criteria emphasises on the collaborative relationship among industry stakeholders to implement sustainable construction.



25%
Engagement and Communication
focuses on connecting people

10%
Digitalisation Technology
newly added criteria in the Award, which recognises the utilisation of digitalisation technology



20%
Innovations and Bonus
assesses the application of innovations and CIC tools

25%
Measures and Achievement
looks into the quantifiable environmental achievements

20%
Supply Chain Management
evaluates the partnership with supply chain

4.1 Engagement and Communication



4.1.1 Corporate culture

Senior management should take a leading role in initiating the sustainability measures to be adopted in projects. A robust sustainability management structure and corporate culture should be developed and fully integrated into the operations through engagement and communication.



4.1.2 External Engagement

Organisations should establish communication platform with external stakeholders including trading partners, the government, neighbourhood and NGOs at corporate and project levels.

4.2 Supply Chain Management



4.2.1 Early collaboration during site planning

Reciprocal communication platform should be developed with clients, contractors and subcontractors to understand clearly contractual requirements and expectations during site planning. In view of that, site management team could address the challenges and allocate the best resources into construction programme.



4.2.2 Assessment of sustainability performance of suppliers and sub-contractors

Organisations should impose the selection criteria for nomination of suppliers and subcontractors. Relevant sustainability requirements should be included in the sub-contract tender document.



4.2.3 Sustainable procurement

Organisations should promote the use of sustainable/green products and services in the project. Reference on sustainable/green products could be referred to the CIC Green Product Certification Scheme, Environmental Product Declaration and international guidance or equivalent. Organisations should list out the green products with prices and suppliers' names in the application in order to receive bonus points (see Section 4.5).



4.2.4 Application of advanced technology

Organisations are recommended to showcase the advanced technology specified in the project which is beneficial to construction time, cost, quality and productivity.



4.2.5 Building long-term relationships with project team

Organisations could establish long term and reliable relationship with partners, suppliers and subcontractors through development of common goal, fair payment process, experience sharing and periodical performance review.

4.3 Measures and Achievement

Organisations are recommended to highlight their specific and outstanding environmental performance with quantifiable figures which is beyond the industry norms, statutory or contractual requirements in their projects.



4.3.1 Air, noise, water and waste management

Organisations should develop a monitoring and control system with implementing effective mitigation measures against various environmental nuisance of the project.



4.3.2 Energy saving and carbon reduction

Energy saving and low carbon construction methods are key elements for sustainable construction nowadays, which contribute to the reduction of construction cost and carbon emission. Organisations are recommended to apply the CIC Carbon Assessment Tool to measure and reduce the carbon footprint of its construction project.



4.3.3 Heritage, landscape and habitat conservation

Assessments should be monitored to predict and judge the significance of the effects that new development may have on heritage, landscape character, natural habitat and visual amenity.

4.4 Digitalisation Technology

Digitalisation and sustainable construction are symbiotic. Adapting and advancing digitalisation helps to achieve sustainable construction effectively by reducing the resources required and the impact to the ambient environment. Organisations are encouraged to embrace and adopt digitalisation technology in construction project.



4.4.1 Mitigate environmental impacts

Use of digitalisation technologies and solutions to mitigate environmental impacts on diverse aspects, e.g. use of material, waste generation, carbon footprint, energy efficiency, water efficiency and etc.



4.4.2 Achieve sustainable construction

Use of digitalisation technologies and solutions to achieve sustainable construction in different ESG (environmental, social and governance) aspects.

4.5 Innovations and Bonus

Organisations are suggested to specify the innovation initiatives, not limited to the above criteria i.e. engagement and communication, supply chain management, environmental performance and digitalisation technology. Please specify three innovative technologies and measures contributing to sustainable construction, with supporting, that have been implemented in your project.

A maximum of **5 bonus points** will be given to organisations if all of the following requirements are fulfilled with supporting:

- Application of CIC Carbon Assessment Tool, <https://cat.cic.hk> (Please attach the Result Analysis Report with at least six-month data from January 2021 to June 2023)
- Use of materials with CIC Green Product Certification, <http://cicgpc.hkgbc.org.hk> (Please attach the certificate)
- Obtain a certificate of the CIC Sustainable Finance Certification Scheme, <https://sfcs.cic.hk/en/Home>
- Adoption of sustainable materials. Organisations are suggested to provide the material's name, highlights of using the material and supplier's name etc. Shortlisted supplier will receive a plaque.

5 / Judging Criteria for Industry Practitioners Category

With a view that site management team and workers may play different roles on construction, specific criteria on managerial staff and general practitioners to highlight their efforts in sustainable construction are developed as follows:





5.1 Leadership

Site management team should take a leadership role to initiate sustainability measures and allocate sufficient resources to persuade your team towards sustainable construction.



5.2 Achievement

Practitioners should highlight the quantifiable data and achievement which have the greatest contribution to sustainable construction but not limited to engagement and communication, supply chain management and environmental performance.



5.3 Collaboration

This criterion refers to the skill sets in coordinating other parties of the construction site to develop sustainable initiatives.



5.4 Creativity

Practitioners should demonstrate new and creative sustainability measures implemented and creative ideas related to sustainable construction, which is practical in local construction industry.



5.5 Digital Competence

Practitioners should highlight the application of advanced technology and digital skills to promote sustainable construction.



5.6 Skill and Workmanship

Experienced general practitioners can have a great contribution to sustainability construction by sharing their expertise and experience, so as to achieve the target set by site management team.



5.7 Idea and Energisation

The CIC shows high respect to the ideas from new generation of the construction industry. Applicants should demonstrate passion towards the construction industry and initiate practical ideas to assist the project team during operation.

6 / Eligibility

General Conditions

- Each project can be operated in Hong Kong or other cities in Greater Bay Area and is a project with construction activities in the period between 1 January 2021 and 31 December 2023 to be eligible for application.
- Applicant(s) should provide further supporting documents upon request by the Judging Panel for assessment purposes.
- Shortlisted applicants will receive further notice for final assessments by the Judging Panel.
- The CIC and/or the Judging Panel reserve the right in their sole and absolute discretion to determine the eligibility of any applicants and the decision is final.
- Applicants are bound by the rules and conditions of the CIC Sustainable Construction Award set out in the "Rules and Conditions" section of the Application Form.
- All the information provided by applicants, including any personal data as defined in the Personal Data Privacy Ordinance (Cap. 486), will be used solely for purposes relating to the activities of the CIC, particularly assessment and publicity purposes relating to the Award. Please refer to the "Personal Information Collection Statement" and "Rules and Conditions" section of the Application Form for further details.

Organisations Category

- Each organisation can submit more than one application; each application should include one project only.
- Each project can apply in one sub-category only.
- Applicant(s) in the "Organisations" category shall nominate their practitioners to participate in all sub-categories under "Industry Practitioners" category.
- Nominated organisations should hold a valid Hong Kong Business Registration Certificate or is a limited liability company.

Industry Practitioners Category

- Applicant(s) should be nominated by his/her organisations.
- Applicants should select "Option 1" or "Option 2" to complete the application. Please refer to the "Application Form" for relevant requirements.
- In the sub-category of "Construction Manager" under the "Industry Practitioners" category: the applicant should be appointed as an onsite managerial staff who is authorised to allocate site resources for sustainability. A copy of appointment letter should be attached in the application.
- In the sub-category of "General Practitioner" under the "Industry Practitioners" category: the applicant should be a registered construction worker under the Construction Workers Registration Ordinance (Cap. 583) (CWRO) and/or a frontline staff who is supervising, arranging or coordinating the construction works, such as construction supervisor or equivalent. A copy of appointment letter should be attached in the application.
- In the sub-category of "Young Practitioner" under the "Industry Practitioners" category: the applicant should be a registered construction worker under the CWRO and/or a frontline staff who is supervising, arranging or coordinating the construction works, such as construction supervisor or equivalent. The applicant must be aged 18-27. A copy of appointment letter should be attached in the application.

7 / Terminology

AA	Airport Authority Hong Kong
ArchSD	Architectural Services Department
CEDD	Civil Engineering and Development Department
CLP	China Light and Power Company Limited
DSD	Drainage Services Department
EMSD	Electrical and Mechanical Services Department
EPDs	Environmental Product Declarations
HyD	Highways Department
HKE	Hong Kong Electric
HKHA	Hong Kong Housing Authority
HKHS	Hong Kong Housing Society
MTR	Mass Transit Railway Corporation Limited
RMAA	Repair, Maintenance, Alteration and Addition
WSD	Water Supplies Department
URA	Urban Renewal Authority





Connect

For enquiries regarding the CIC Sustainable Construction Award, please contact us at:

-  Tel: (852) 2100 9000
-  Email: scaward@cic.hk
-  Website: www.scaward.cic.hk

