

Construction Industry Council

Committee on Environment and Sustainability
Summary of Meeting No. 001/25

Key Highlights

1. To promote the Material Exchange Platform which will be launched in Q3 2025, Members agreed to develop a logo for brand visibility, and will be invited to vote on the proposed brand names.
2. Members recommended adding industry-wide suggestions, cost-benefit analysis, and examining the gap between this study and CIC's previous carbon emission projections in the Final Report of "Feasibility Study on Construction Site Electrification and Clean Energy Adoption".
3. The Launching Ceremony of the CIC Green Product Certification (CIC GPC) Enhancement is scheduled to take place in the coming months. This event will prominently highlight the collaboration between the CIC and HKGBC.
4. In relation to the CIC R&D Fund Project titled "Tailoring New-Generation Low-carbon Concrete for Green Construction: Engineering Applications towards Carbon Neutrality," it has been recommended that a cost comparison between the material under research and conventional materials, specifically standard concrete, be conducted.
5. HK Green Shop Alliance award organised by HKGBC would be conducted in a 2-year cycle.
6. Members discussed the proposed improvements in categories, eligibility, awards, judging criteria, and application period for the CIC Sustainable Construction Award 2026.
7. The CIC will be one of the collaboration partners of HKSTP's newly launched space GreenTech Hub.
8. The CIC will join Rethink HK 2025 as a strategic partner and form CICGPC Pavilion with three CICGPC licensees.
9. Members supported the CIC to co-author the "Hong Kong Circular Built Environment Guidebook" with HKGBC and BEC, and initially agreed on the shared funding support.
10. CIC will co-organise with Hang Seng Bank on a seminar on green finance and green construction technology in May 2025.

Construction Industry Council

Committee on Environment and Sustainability

Meeting No. 001/25 of the Committee on Environment and Sustainability (Com-E&S) was held on 11 March 2025 (Tuesday) at 3:30 pm in the Board Room, 29/F, Tower 2, Enterprise Square Five (Megabox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong and via video conference - MS Teams.

Summary Notes of the Com-E&S Meeting No. 001/25

Agenda Item	Paper	Major Resolutions/ Progress Highlights
1.1	CIC/E&S/M/004/24	Confirmation of the Minutes of the Previous Meeting Members confirmed the minutes of the last Com-E&S meeting No. 004/24 held on Thursday, 28 November 2024.
1.2	PowerPoint Presentation (for information)	Latest Updates of Accidents and Upcoming Safety Events The CIC Secretariat updated Members on the CIC's latest safety publications/events.
1.3	CIC/E&S/M/004/24 (for information)	Matters Arising from the Previous Meeting The CIC Secretariat updated Members on the following: (a) <u>Item 4.4 – Progress Updates on Smart Waste Management Tool (SWMT)</u>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>Members were informed that the enhancement of automatic data input for SWMT will be explored, and will be incorporated in the future phases of the project if deemed appropriate.</p> <p>Members were briefed on the latest efforts for promotion on wider adoption of the SWMT, including addressing the Housing Authority's (HKHA) suggestions, ongoing communication with the Environmental Protection Department (EPD) regarding the interface with C·Easy System, and incorporating the SWMT into the Hong Kong Institute of Construction's (HKIC) Environmental Officer Course to promote its application as a daily practice on construction sites.</p> <p>Members were informed that the transition between the project consultants for the SWMT Phase One and Phase Two Development has been successfully completed.</p> <p>(b) <u>Item 4.5 – Revision to the User Guide and Technical Requirements for the CIC Sustainable Finance Certification Scheme (SFCS)</u></p> <p>Members were informed that the updated user guide and technical requirements will be uploaded to the SFCS website once an ongoing application is completed. Corresponding changes to the application portal will also be carried out.</p> <p>Members were informed that stakeholder engagement and interviews with banks, suppliers and contractors for the enhancement and repositioning study of SFCS are currently being conducted.</p> <p>(c) <u>Item 4.6 – Proposed Composition for the Organising Committee of the CIC Sustainable Construction Award (SCA) 2026</u></p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>Members were updated that the SCA Organising Committee (OC) has been established. While one nominee had declined the invitation, Dr. Tony Ip, who is the CIC Zero Carbon Park’s Board Member, has been appointed.</p> <p>The first OC meeting was conducted on 6 March 2025.</p> <p>(d) <u>Item 4.7 – Progress Updates on Feasibility Study on Construction Site Electrification and Clean Energy Adoption</u></p> <p>Members were informed that the Consultant, Arcadis, will include the Members’ suggestions raised in the last meeting in the Final report.</p> <p>(e) <u>AOB item – ESG Network Program</u></p> <p>Members were briefed that CIC joining the Bank of East Asia’s (BEA) ESG Network Programme, is planning to co-organise a workshop with BEA in June/July 2025 to promote green finance and green technology.</p>
1.4	CIC/E&S/P/001/25 (for information)	<p>Progress Updates on Smart Waste Management Tool, Phase Two</p> <p>Members were briefed on the latest progress on the exploratory study on alternative construction methods, tools and services for reducing timber waste (Timber Study) and the development of the Material Exchange Platform (Platform). Four stage deliverables and payment were approved by the project Working Group on 18 February 2025.</p> <p>Timber Study</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>Members were briefed on the five focus areas expanded from the 3R (Reduce, Reuse and Recycle) approach, the proposed solutions for reducing timber waste, and the key feedback collected from stakeholder engagement workshops and an online survey conducted for the study.</p> <p>Platform</p> <p>Members were briefed on the key findings from stakeholder engagement and the Platform’s core functions and features through a demonstration. The User Acceptance Test (UAT) will continue until mid-April.</p> <p>Members were invited to provide advice on the proposed brand names. The CIC Secretariat will invite members to vote on the proposed brand names through circulation. Members agreed to develop a Platform logo for brand visibility.</p> <p>Members suggested to include an “Ideas Corner” in the Platform for Platform operator to share ideas on material reuse and recycling with the users. Aurecon will explore this suggestion with a review of the implementation plan, including the terms & conditions and the Privacy Impact Assessment (PIA) of the Platform.</p> <p>Members suggested including the “Request Material” function in the Platform. Aurecon elaborated the design and strategic plan for the two-way (trading materials and requesting materials) exchange in the Platform. The requested feature will be further studied and developed in the next phase as appropriate.</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p>Members suggested enhancing the notification channels for Platform users. Aurecon will explore the email notification function to alert users who are looking for specific materials.</p> <p>Members were briefed on the next steps of the project, including the recommendation proposals of the Timber Study, fixing problems spotted in UAT, production deployment, implementation and promotion plan of the Platform.</p>
1.5	CIC/E&S/P/002/25 (for information)	<p>Progress Updates on Feasibility Study on Construction Site Electrification and Clean Energy Adoption</p> <p>Members were briefed on the project progress update, key findings from the case studies and upcoming deliverables of the Feasibility Study.</p> <p>Members expressed concerns about the availability of sufficient power supply to support site electrification, especially for remote sites. However, according to power companies' advice, sufficient power supply could be made available with advance planning and application. Arcadis shall further study this matter.</p> <p>Members suggested exploring a case study in Australia on converting diesel commercial truck to direct hydrogen combustion.</p> <p>Members suggested including industry-wide suggestions and cost-benefit analysis in the Final Report and studying the gap regarding carbon emission projections and estimation between this report and CIC's previous study on "Strategy and Directional Guideline to Achieve Carbon Neutrality".</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
1.6	PowerPoint Presentation (for information)	<p>Progress updates of the CIC GPC Enhancement study Members were briefed on the overall progress updates on the scheme operation and the Enhancement Study including the progress to engage more Verification Bodies, cybersecurity of the new website, transition arrangement from existing scheme to enhanced scheme, and upcoming deliverables.</p> <p>Members noted that the application fee for “Construction Materials” and “Building Products and Materials” will be aligned to HK\$1,500, while the license fee will remain unchanged. Members were informed the Launching Ceremony of GPC Enhancement will be postponed pending on detailed arrangement of officiating guests’ schedule and venue availability.</p> <p>CIC requested that all presenters of the CIC Funded Projects including R&D Funded Projects shall attend in person in the future Com-E&S meetings, and to report on the KPI completion progress.</p> <p>CIC suggested that the Launching Ceremony should clearly demonstrate the partnership between the CIC and HKGBC, in which the CIC is the scheme owner and HKGBC is the scheme operator.</p> <p>The CIC expressed concerns about the cyber security of the existing GPC website. HKGBC updated that Security Risk Assessment and Analysis (SRAA) on the existing website had been conducted, and efforts are underway to resolve the identified issues as soon as possible.</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
1.7	CIC/E&S/P/003/25 (for information)	<p>Progress Updates in CIC R&D Fund Project – Tailoring New-Generation Low-carbon Concrete for Green Construction: Engineering Applications towards Carbon Neutrality</p> <p>Members were briefed on the project progress update. CIC suggested that a comparison of cost implications between the research material and conventional materials shall be made, such as normal concrete.</p> <p>The Chairperson requested PolyU to present an executive summary to conclude the findings in the stage deliverable and to include the above-mentioned cost study in the next stage.</p> <p>Members suggested comparing the carbon reduction achieved by using glass powder with that of GGBS that is commonly used in the market. PolyU updated that the comparison will be conducted in the 6th Milestone of the project.</p>
1.8	PowerPoint Presentation (for information)	<p>Progress Updates on HKGBC Funded Projects</p> <p>Members were briefed on key objectives, event theme, timeline, proposed events and progress updates on Hong Kong Green Building Week (HKGBW) 2025.</p> <p>Members were reported on the plan and progress update of Hong Kong Green Shop Alliance (HKGSA) 2025. Members noted the proposed workshop topic in HKGSA and that the Award will be conducted in a 2-year cycle.</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
1.9	PowerPoint Presentation (for information)	<p><u>Assessment Criteria Enhancement Proposal on CIC SCA 2026</u> Members were briefed on the key milestones, proposed enhancements in categories, eligibility, awards, judging criteria and application period. The new judging criteria will incorporate “Safety Culture”, and a “Low-Carbon Citation” will be introduced in SCA 2026.</p> <p><u>CIExpo Green Construction Conference</u> Members were informed that SCA 2026 Launching Ceremony will be held at the international conference session on “Sustainable and Smart Construction” during the CIExpo 2025. Members were briefed on the proposed rundown and speakers. The CIC Secretariat will update the progress of invitations to Members in due course.</p> <p><u>HKSTP – Partnership on GreenTech Hub</u> Members were briefed on HKSTP’s newly launched space GreenTech Hub, in which CIC has joined as one of the collaboration partners.</p> <p><u>ReThinkHK 2025 Strategic Partnership</u> Members were informed that ReThink HK 2025 had invited CIC as a strategic partner with following offerings: one 2 x 2 sq.m booth, two seminar sessions and one workshop. Three CIC Green Product Certification licensees will exhibit at ReThink HK 2025 forming the CIC GPC Pavilion.</p>

Agenda Item	Paper	Major Resolutions/ Progress Highlights
		<p><u>Hong Kong Circular Built Environment Guidebook</u> Members were briefed on the progress update of collecting local showcases. Members were informed that the Guidebook is targeted to launch during EcoExpo Asia 2025. Members supported the CIC as one of the co-authors of the Guidebook with HKGBC and BEC.</p> <p>The CIC Secretariat will follow up on the E&S budget allocation for the Guidebook.</p> <p><u>Hang Seng Seminar</u> Members were briefed that Hang Seng Bank had invited the CIC to co-organise a seminar for green finance and green construction technology. The seminar shall be held in May 2025 at Zero Carbon Park.</p>

Remarks: The mentioned papers discussed in the Committee on Environment and Sustainability and the full progress report can be made available to Council Members from the CIC secretariat upon request.