

**Construction Industry Council**

**Committee on Environment and Sustainability**  
**Summary of Meeting No. 004/25**

**Key Highlights**

1. Re CIC Sustainable Finance Certification Scheme (SFCS) – Members approved the two recommended repositioning options for SFCS: (a) collaborating with the financial institutions based on CIC Green Product Certification (GPC) and (b) promotion and publicity of joint activities with various associations.
2. Re CIC R&D Fund Project – “Tailoring New-Generation Low-carbon Concrete for Green Construction: Engineering Applications towards Carbon Neutrality” – Members approved the 2<sup>nd</sup> and 3<sup>rd</sup> milestone deliverables with inquiries about the elastic modulus of the glass powder concrete, the properties under fire in accordance with accepted standard, and the increased cement binder for C80 concrete. PolyU is committed to including the results of the elastic modulus comparison, properties under fire, and the performance of the glass powder concrete with granite aggregates (without volcanic rock) to demonstrate the effectiveness of glass powder replacing cement.
3. Re Sustainable Construction Award (SCA) 2026 – Members were briefed on the composition of the Organising Committee, Judging Panel, and Technical Committee, as well as on progress about the SCA key visual, nomination kit, website, awards set-up, and supporting organisations.

[Post meeting note: The SCA launching ceremony originally scheduled for 12 December 2025 is postponed along with the Construction Innovation Expo 2025.]

4. Members were updated on the operation of the CIC Green Product Certification (GPC). HKGBC reported that all GPC 2.0 pilot run cases will be completed by end-December 2025, and the CIC GPC website enhancement will be completed and deployed by mid-January 2026. Members were informed of the updates to the Market Demand-and-Supply Study on Key Green Construction Materials for Hong Kong. The study is expected to commence in January 2026 for completion in about 6 months.
5. Member suggested integrating AI with Building Information Modelling (BIM) to enhance the construction digitalisation and shared views on promoting AI in routine industry workflows, using AI in analysing weather forecast data for construction site planning optimisation to improve the climate resilience of the construction industry, and fostering collaboration with universities by identifying real industry scenarios for AI solutions.
6. Members were updated on the invitation status of the Organising Committee members and the revised budget plan for GCSFE 2026.

7. Members were informed that the Hong Kong Circular Built Environment Guidebook was officially launched at Eco Asia Expo on 28 October 2025.
8. Members were informed that the CIC CAT website and other CIC E&S websites will be incorporated into the upcoming ID website to increase exposure and enhance CAT experience.
9. Re CIC Smart Waste Management Tool, Phase Two, Members were updated on the security risk enhancements and ongoing development to the Material Exchange Platform as well as its target completion in Q3 2026.
10. Members noted the updated results are under review by the Development Bureau for the Site Electrification Study.

**Construction Industry Council**

**Committee on Environment and Sustainability**

Meeting No. 004/25 of the Committee on Environment and Sustainability (Com-E&S) was held on 25 November 2025 (Tuesday) at 2:30pm 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.

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Summary Notes of the Com-E&S Meeting No. 004/25:

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
4.1	CIC/E&S/M/003/25	<b>Confirmation of the Minutes of the Previous Meeting</b>  Members confirmed the minutes of the last Com-E&S Meeting No. 003/25 held on 16 September 2025 (Tuesday).
4.2	PowerPoint Presentation (for information)	<b>Latest Updates of Accidents and Upcoming Safety Events</b>  The CIC Secretariat updated Members on the CIC's latest safety publications/events.
4.3	CIC/E&S/M/003/25 (for information)	<b>Matters Arising from the Previous Meeting</b>  The CIC Secretariat updated Members on the following:  (a) <u>Item 3.4 – Progress Update on KPIs Achievement of CIC R&amp;D Fund Project – iBEAM Unison</u> Members noted that the final-stage payment is in progress.

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
		<p>(b) <u>Item 3.7 – Revised E&amp;S Budget Plan for 2026</u> Members were informed that the revised E&amp;S budget plan has been approved in the Council Meeting No. 005/25.</p> <p>(c) <u>AOB item – Supporting the Reinforcing Sustainability and Standards in Green Construction Event Co-organised by the Hong Kong Construction Materials Association (HKCMA) and CARES</u> Members noted the CIC's participation in the event as a supporting organisation on 11 November 2025.</p>
4.4	CIC/E&S/P/013/25 (for approval)	<p><b>Progress Updates on the Consultancy Study on Enhancement and Repositioning of the CIC Sustainable Finance Certification Scheme (SFCS)</b></p> <p>Members were briefed on CECEP's recommended repositioning options for the SFCS. Members approved the two recommended repositioning options: (a) collaborating with the financial institutions based on CIC Green Product Certification (GPC) and (b) promotion and publicity of joint activities with various associations.</p>
4.5	CIC/E&S/P/014/25 (for approval)	<p><b>Progress Update on CIC R&amp;D Fund Project – Tailoring New-Generation Low-carbon Concrete for Green Construction: Engineering Applications towards Carbon Neutrality</b></p> <p>Members were briefed on the project progress on the 2<sup>nd</sup> and 3<sup>rd</sup> milestones, with the comments raised from Com E&amp;S meeting No. 001/25 and 002/25 addressed.</p>

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
		<p>Members inquired about the elastic modulus of the glass powder concrete, the properties under fire in accordance with accepted standards and the increased cement binder for C80 concrete. PolyU is committed to including the results of the elastic modulus comparison, properties under fire, and the performance of glass powder concrete with granite aggregates (without volcanic rock) to demonstrate the effectiveness of glass powder replacing cement.</p> <p>Members approved the stage deliverables of the 2<sup>nd</sup> and 3<sup>rd</sup> milestones.</p>
4.6	PowerPoint Presentation (for information)	<p><b>Progress Updates on the Sustainable Construction Award (SCA) 2026</b></p> <p>Members were briefed on the composition of the Organising Committee, Judging Panel, and Technical Committee, as well as on status updates about the SCA key visual, nomination kit, website, awards set-up, and supporting organisations.</p> <p>[Post meeting note: The SCA launching ceremony originally scheduled for 12 December 2025 is postponed along with the Construction Innovation Expo 2025.]</p>
4.7	PowerPoint Presentation (for information)	<p><b>Progress Updates on HKGBC Funded Projects for 2025</b></p> <p>Members were briefed on the operation of the CIC Green Product Certification (GPC), including application status, training arrangements, and promotion activities. HKGBC reported that the 12 GPC 2.0 pilot run cases handled by Arup will be completed by mid-December 2025, while the other 15 cases handled by HKGBC by end-December 2025, and the GPC website enhancement by mid-January 2026.</p>

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
		<p>Members were informed of the updates to the Market Demand-and-Supply Study on Key Green Construction Materials for Hong Kong. The study is expected to commence in January 2026 for completion in about 6 months.</p> <p>Members were informed about the activities and public outreach of the Hong Kong Green Building Week (HKGBW) 2025 and the capacity-building activities of the Hong Kong Green Shop Alliance (HKGSA) 2025.</p>
4.8	PowerPoint Presentation (for information)	<p><b>Potential Artificial Intelligence (AI) Tool for Construction Industry</b></p> <p>Com-E&amp;S Chairperson expressed that AI will be a key focus area for 2026 and invited members to brainstorm potential applications of AI tools in the construction industry.</p> <p>Member suggested to integrate AI with Building Information Modelling (BIM) to enhance the construction digitalisation.</p> <p>Member shared views on promoting AI in routine industry workflows, using AI in analysing weather forecast data for construction site planning optimisation to improve the climate resilience of the construction industry, and fostering collaboration with universities by identifying real industry scenarios for AI solutions.</p> <p><b>Progress Updates on the Consultancy Study and Development on CIC Smart Waste Management Tool, Phase Two</b></p> <p>Members were briefed on the security risk enhancements and ongoing development to the Material Exchange Platform, as well as its target completion in Q3 2026.</p>

<b>Agenda Item</b>	<b>Paper</b>	<b>Major Resolutions/ Progress Highlights</b>
		<p><b>Progress Updates on the Feasibility Study on Construction Site Electrification and Clean Energy Adoption</b> Members noted the updated results are under review by the Development Bureau.</p> <p><b>Progress Updates on the CIC Global Construction Sustainability Forum and Exhibition (GCSFE) 2026</b> Members were updated on the invitation status of the Organising Committee members and the revised budget plan for GCSFE 2026.</p> <p><b>Updates on the Launch of Hong Kong Circular Built Environment Guidebook</b> Members were informed that the guidebook was officially launched at Eco Asia Expo on 28 October 2025.</p> <p><b>Updates on the Industry Development (ID) Website and CIC Carbon Assessment Tools (CAT)</b> Members were informed that the CIC CAT website and other CIC E&amp;S websites will be incorporated into the upcoming ID website to increase exposure and enhance CAT experience.</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.*