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CIC/E&S/M/004/25

Construction Industry Council

Committee on Environment and Sustainability

Meeting No. 004/25 of the Committee on Environment and Sustainability for 2025 was held on Tuesday, 25 November 2025 at 2:30 pm in the Board Room, 29/F, Tower 2, Enterprise Square Five (Megabox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong and online via Microsoft Teams.

Present:	Clarence LEUNG	(CLWK)	Chairperson
	Terence LAM*	(TmL)	
	Tim LI*	(TMLW)	
	Anthony CHAN*	(AyC)	
	Thomas CHAN*	(TCCT)	
	Victor CHEUNG	(VC)	
	HUANG Jianxiang	(HJX)	
	Rodney IP*	(RICW)	
	KAN Jun	(KJ)	
	Raymond KWOK	(RKWM)	
	LEUNG Man-kit	(MKL)	
	Kevin MA*	(KMHM)	
	Henry NGAI*	(HNHS)	
	Rex WONG*	(RxW)	
	WU Siu-kei	(WSK)	
	Andrew YOUNG*	(AYMC)	
In Attendance:	Raymond CHAN*	(RCKL)	Adviser

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	Ken NG	(KNg)	Director – Industry Development
	CK WU	(CK)	General Manager – Industry Development, Health, Safety & Environment (HSE) (Acting)
	Eric LIM	(ELim)	Senior Manager – Environment and Sustainability
	Lynn CHENG	(LCheng)	Manager – E&S
	Jessica HUANG	(JHuang)	Assistant Manager – E&S
	Jane LING	(JLing)	Senior Officer – E&S
	Ray CHAN*	(RCKH)	Senior Officer – E&S
Presenter:	Sandy LI		CECEP Environmental Consulting Group Limited (CECEP)
	Sijia GENG		CECEP
	LU Jian-xin		The Hong Kong Polytechnic University (PolyU)
	POON Chi-sun		PolyU
	Paul SAT		Hong Kong Green Building Council (HKGBC)
	Heidi HUI		HKGBC
Apologies:	KWOK Hing-wun	(HWK)	
	Sunnie LAU	(SLSY)	

* Attended the meeting online via Microsoft Teams

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MINUTES

		Action
4.1	**Confirmation of the Minutes of the Previous Meeting**	
	Members confirmed minutes CIC/E&S/M/003/25 of the last Com-E&S meeting No. 003/25 held on Tuesday, 16 September 2025. No conflict of interest was reported from Members.	All to Note
4.2	**Latest Updates of Accidents and Upcoming Safety Events**	
	Members were briefed on the latest safety messages and events.	All to Note
4.3	**Matters Arising from the Previous Meeting**	
	Members were updated on the following matters:	
	(a) Item 3.4 – Progress Update on KPIs Achievement of CIC R&D Fund Project – iBEAM Unison The Secretariat reported the final-stage payment is being processed.	All to Note
	(b) Item 3.5 – Progress Updates on the Consultancy Study on Enhancement and Repositioning of the CIC Sustainable Finance Certification Scheme (SFCS) The Consultant, CECEP, presented the latest progress under agenda item 4.4.	All to Note
	(c) Item 3.6 – Proposal on Organising Committee of CIC Global Construction Sustainability Forum and Exhibition (GCSFE) 2026 The Secretariat reported the latest progress under	All to Note

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	agenda item 4.8.	
	(d) Item 3.7 – Revised E&S Budget Plan for 2026 Members were informed that the revised E&S budget plan has been approved in the Council Meeting No. 005/25 on 17 October 2025.	All to Note
	(e) AOB item – Supporting the Reinforcing Sustainability and Standards in Green Construction Event Co-organised by the Hong Kong Construction Materials Association (HKCMA) and CARES Members were briefed on CIC's participation in the event as a supporting organisation on 11 November 2025.	All to Note
4.4	**Progress Updates on the Consultancy Study on Enhancement and Repositioning of the CIC Sustainable Finance Certification Scheme (SFCS)** *(Representatives of CECEP joined the meeting at 14:35)*	
	CECEP recommended six repositioning options for the SFCS. Amongst them, two options, namely, (a) collaborating with the financial institutions based on CIC Green Product Certification (GPC) and (b) promotion and publicity of joint activities with various associations, were highly recommended by CECEP.	All to Note
	CLWK expressed support for the two recommended options which are derived mainly based on ease of implementation and resource availability. However, he suggested that the recommendation report should also identify other options with genuine industry demand, but might not be readily implementable due to resources or other reasons. It would be good to document those options for future reference.	CIC Secretariat / CECEP

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	Members approved the two recommended repositioning options as detailed in Paper CIC/E&S/P/013/25.	All to Note
	(Representatives of CECEP left the meeting at 14:50)	
4.5	**Progress Update on CIC R&D Fund Project – Tailoring New-Generation Low-carbon Concrete for Green Construction: Engineering Applications towards Carbon Neutrality**	
	(Representatives of PolyU joined the meeting at 14:52)	
	Members were updated on the project progress on the 2nd and 3rd milestones, with the comments raised from Com E&S 001/25 and 002/25 addressed.	All to Note
	Members inquired about the impact of the prolonged setting time of the glass cement mortar on the formwork striking time. PolyU responded that the laboratory test results indicate the demould strength is comparable to that of concrete with PFA. However, PolyU further explained that the prolonged setting time is one of the reasons for restricting the glass powder content in the concrete formulation. Members requested that PolyU incorporate this observation and the number of samples in the report.	PolyU
	Members inquired about the testing method for assessing high-temperature resistance in the study. PolyU explained the laboratory testing methodology and acknowledged the necessity of a real fire test in the next phase of the project, but clarified that this has not been budgeted in the current study scope. Members suggested including the fire resistance	PolyU

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	results and suggestions in the report.	
	Members inquired about the properties under fire in accordance with accepted standards of the glass powder concrete. PolyU responded that the results of the properties under fire would be included in the future report.	PolyU
	Member inquired about the elastic modulus of the glass powder concrete. PolyU confirmed that the comparison of the elastic modulus between the concrete with volcanic rock and that with granite aggregate would be included in the future report.	PolyU
	Members inquired about the increased cement binder for C80 concrete. PolyU responded that the additional cement binder is due to the poor mechanical properties of the volcanic rock used.	PolyU
	PolyU is committed to including the study results on the performance of the glass powder concrete with granite aggregate (without volcanic rock) to demonstrate the effectiveness of glass powder for replacing cement.	PolyU
	Members approved the stage deliverables of the 2nd and 3rd milestones by PolyU as detailed in Paper CIC/E&S/P/014/25.	All to Note
	(Representatives of PolyU left the meeting at 15:22)	
4.6	**Progress Updates on the Sustainable Construction Award (SCA) 2026**	
	Members were briefed on the composition of the Organising Committee, Judging Panel, and Technical Committee, as well as on the status updates about the	All to Note

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	SCA key visual, nomination kit, website, awards set-up, and supporting organisations.	
	The Secretariat reported that the SCA launching ceremony is scheduled on 12 December 2025, with the application commencing on 13 December 2025 and ending on 13 March 2026. CLWK encouraged all members to actively engage in and support this initiative.	All to Note
	[Post Meeting Notes: SCA launching ceremony is postponed along with the Construction Innovation Expo 2025.]	
4.7	**Progress Updates on HKGBC Funded Projects for 2025**	
	(Representatives of HKGBC joined the meeting at 15:29)	
	Members were updated 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 will be completed by the end of December 2025, and the GPC website enhancement will be completed and deployed by mid-January 2026. CLWK suggested that HKGBC shall actively engage suppliers from the Chinese Mainland and closely follow up on their inquiries.	HKGBC
	Members were briefed on updates of the Market Demand-and-Supply Study on Key Green Construction Materials for Hong Kong (the Study), including the objectives, scope, key deliverables, and	HKGBC

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	timeline. The study is expected to commence in January 2026 for completion in about 6 months.	
	CLWK emphasised that the main objective of the Study is to demonstrate to the industry that adopting green construction materials will not entail significant costs or time implications.	HKGBC
	CLWK understands that, since the progress of the Study has been delayed and will not be completed within 2025, HKGBC may invoke the One-line Vote mechanism for the Study's budget allocation. HKGBC representative would revert after seeking their Senior Management's opinion.	CIC Secretariat / HKGBC
	Members were updated on the event theme, activities, and public outreach of the Hong Kong Green Building Week (HKGBW) 2025.	All to Note
	Members were updated on the completed capacity building activities, workshops, and pilot programme of the Hong Kong Green Shop Alliance (HKGSA) 2025.	All to Note
	(Representatives of HKGBC left the meeting at 15:50)	
4.8	**AOB**	
	Potential Artificial Intelligence (AI) Tool for the Construction Industry – CLWK conveyed that CIC is considering Artificial Intelligence (AI) as the Theme for 2026. He invited members to brainstorm potential opportunities for deploying AI in 2026 work plan for Com E&S.	All to Note
	Members suggested enhancing construction digitalization by integrating AI with Building	All to Note

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Information Modelling (BIM).	
Members 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.	All to Note
Progress Updates on the Consultancy Study and Development on CIC Smart Waste Management Tool, Phase Two – The Secretariat reported on the security risk enhancements and ongoing development to the Material Exchange Platform, as well as its target completion in Q3 2026.	All to Note
Progress Updates on the Feasibility Study on Construction Site Electrification and Clean Energy Adoption – The Secretariat reported that the updated results are under review by the Development Bureau.	All to Note
Progress Updates on the CIC Global Construction Sustainability Forum and Exhibition (GCSFE) 2026 – The Secretariat reported on the progress of the Organising Committee members' invitation.	All to Note
Updates on the Launch of Hong Kong Circular Built Environment Guidebook – Members were informed that the guidebook was officially launched at Eco Asia Expo on 28 October 2025.	
Updates on the Industry Development (ID) Website and CIC Carbon Assessment Tool (CAT) – Members were informed that the CAT website and other CIC E&S websites will be incorporated into the	All to Note

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	upcoming ID website to increase exposure and enhance CAT experience.	All to Note
4.9	**Tentative Date of Next Meeting No. 001/26**	
	Next Meeting is scheduled for 4 March 2026 (Wednesday), 2:30 pm, in the Board Room, 29/F, Tower 2, Enterprise Square Five (Megabox), 38 Wang Chiu Road.	All to Note

CIC Secretariat
November 2025