

Construction Industry Council

Committee on Environment and Sustainability

Meeting No. 004/24 of the Committee on Environment and Sustainability for 2024 was held on Thursday, 28 November 2024 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 online via Microsoft Teams.

Present:	Clarence LEUNG	(CLWK)	Chairperson
	Terence LAM*	(TmL)	Prin AS (Works) 5, Development Bureau
	Vincent HA*	(VHa)	AS (Works Policies 5) 1, Development Bureau
	Tim LI*	(TMLW)	Ch Architect 3, Housing Department
	Irene CHENG*	(ICW)	Senior Manager (Capital Projects) 6, Hospital Authority
	Anthony CHAN*	(AyC)	
	Thomas CHAN*	(TCCT)	
	Victor CHEUNG	(VC)	
	HUANG Jianxiang	(HJX)	
	Rodney IP*	(RICW)	
	KAN Jun	(KJ)	
	Raymond KWOK	(RKWM)	
	Kevin MA	(KMHM)	
	Henry NGAI	(HNHS)	
	Rex WONG*	(RxW)	

	WU Siu-kei	(WSK)	
	Andrew YOUNG*	(AYMC)	
In Attendance:	Raymond CHAN*	(RC)	Adviser
	Alex HO	(AHKK)	Director – Industry Development
	Timothy LEUNG	(TLeung)	General Manager – Industry Development
	Eros LAM*	(ELLT)	Manager – Management Support
	Margaret HO	(MHo)	Senior Manager – Environment and Sustainability (E&S)
	Max CHIN	(MChin)	Manager – E&S
	Ivan CHIU	(IChiu)	Manager – E&S
	Laraine CHAU	(LChau)	Assistant Manager – E&S
	Lynn CHENG*	(LCheng)	Assistant Manager – E&S
	Jane LING	(JLing)	Senior Officer – E&S
	Ray CHAN*	(RChan)	Senior Officer – E&S
	Susan LEE	(SL)	Officer – E&S
Presenter:	Heidi HUI*		Hong Kong Green Building Council (HKGBC)
	Ivy LEE*		HKGBC
	Tim LO		BEAM Society Limited (BSL)
	Yvonne MOK		Arcadis Consultancy Hong Kong Limited (Arcadis)

James WONG

Arcadis

Apologies: KWOK Hing-wun (HWK)
 Sunnie LAU (SLSY)

* Attended the meeting online via Microsoft Teams

MINUTES

Action

4.1 Confirmation of the Minutes of the Previous Meeting

Members confirmed the minutes CIC/E&S/M/003/24 of the last Com-E&S meeting No. 003/24 held on Tuesday, 10 September 2024.

All to Note

4.2 Latest Updates of Accidents and Upcoming Safety Events

The CIC Secretariat updated Members on the CIC's latest safety publications/events.

All to Note

4.3 Matters Arising from the Previous Meeting

The CIC Secretariat updated Members on the following matters:

(a) Item 3.4 – Revision of 2025 Business Plan, Budget and Key Performance Indicators (KPIs) and Revision of 2024 KPIs

Members were informed that the Business Plan, Budget allocation, and KPIs for 2025 had been approved by the Council.

Members were informed that the Council has agreed to allow a one-line vote approach for HKGBC to redeploy funding under CIC-funded projects without compromising the committed outputs. The Council will further discuss in the next meeting the counter proposal by HKGBC about the cap of the deployment of funds between various projects to set at 50% (instead of 25%) to allow greater flexibility. The CIC Secretariat will report the outcome to Members in due course.

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Action

(b) AOB item – Technical Procurement Guideline by RESET Carbon / Hong Kong PropTech Alliance

The CIC Secretariat has clarified that the ownership of the Technical Procurement Guideline (the Guideline) rests with the Hong Kong PropTech Alliance, with RESET Carbon serving as the Alliance's technical adviser.

Members were informed that PropTech Alliance and RESET Carbon joined a CIC webinar in mid-November to introduce the Guideline.

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4.4 Progress Updates on Smart Waste Management Tool

Members were briefed on the latest progress of the Smart Waste Management Tool (SWMT) Phase 1. A total of 40 projects had been engaged to deploy the SWMT, of which 20 had completed the account setup, including both private and public projects.

(Representatives of Arcadis joined the meeting at 15:37)

Members were informed that Phase 1 of the SWMT development had been completed, and the key functions of the platform were demonstrated to Members.

Members suggested exploring the possibility of enhancing automation of data input in future development of SWMT, e.g. integration with 4S system, AI camera, IoT technologies on project sites to record exit time of vehicles.

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The Chairperson requested the CIC Secretariat to further follow up with EPD on data integration and API development with Govt C·Easy system.

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(Representatives of Arcadis left the meeting at 16:08)

The Chairperson urged the CIC Secretariat to expedite setting up for the outstanding projects, and to review/resolve any hurdles in the account setup process.

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In connection, the Chairperson appealed to members to invite more projects to join the SWMT (Phase 1) through their connections.

The CIC Secretariat was reminded to ensure a smooth transition between two project consultants of the SWMT Phase 1 and Phase 2 Development, such as handover of system source code, user manual and other relevant documents.

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Members were briefed on the progress of the SWMT Phase 2 development. Regarding the timber study, members suggested reviewing the focus of the report – which should include, amongst others i) reducing use of timber as temporary formwork; ii) enhancing recycling of used timber formwork; and iii) Alternatives to timber veneer as finishing materials.

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Members suggested reviewing the naming of SWMT to facilitate future promotion of the platform. Examples are “WRExT” and “C-MaTrix”. Members were invited to share ideas. The new name / trademark may be launched together with SWMT Phase 2.

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Members approved the release of the final payment for the Phase 1 development of the SWMT.

4.5 Revision to the User Guide and Technical Requirements for the CIC Sustainable Finance Certification Scheme

Members were briefed on the proposed revision to the User Guide and Technical Requirements of the CIC Sustainable Finance Certification Scheme’s (SFCS). Members noted the progress update on the stakeholder engagement of the SFCS’s enhancement and reposition study, which is expected to be completed by January 2025. Detailed progress updates will be made in the next Com-E&S meeting.

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Action

Members approved the proposed revision to the CIC SFCS User Guide and Technical Requirements.

4.6 Proposed Composition for the Organising Committee of the CIC Sustainable Construction Award 2026

Members were briefed on the tentative timeline and proposed composition of the Organising Committee (OC) of the CIC Sustainable Construction Award 2026 (SCA).

Members approved the proposed composition of the Organising Committee of the SCA 2026. The CIC Secretariat will send invitation to targeted OC members and report the progress to Members in due course.

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(Representatives of Arcadis joined the meeting at 16:27)

4.7 Progress Updates on Feasibility Study on Construction Site Electrification and Clean Energy Adoption

Members were briefed on the progress update on the study. Members expressed concern about the productivity and life span of electric plants, as well as the afterlife of batteries.

Arcadis

In addition, it is suggested to look into the availability of electricity supply which may hinder wide adoption of electric-powered plants and equipment on construction sites. Members agreed that electrification/ other clean energy sources for construction sites is a future trend that should be further studied and promoted.

Arcadis

Members suggested that the study should provide more practical advice and focus on suggestions for the mid-term development for the next 3 to 5 years. The consultant will include the above aspects in the recommendation report.

Arcadis

(Representatives of Arcadis left the meeting at 16:53)

Action

(Representatives of HKGBC joined the meeting at 16:54)

4.8 Progress updates of the CIC GPC Enhancement study

Members were briefed on the major enhancements and progress updates of the study. Members agreed with HKGBC’s initiatives to explore ways of increasing the numbers of Verification Body.

HKGBC

Members noted that the Launching Ceremony of the CIC GPC Scheme 2.0 had been rescheduled to February 2025.

(Representatives of HKGBC left the meeting at 17:06)

(Representatives of BSL joined the meeting at 17:08)

4.9 Progress Updates on CIC R&D Fund Project – iBEAM Unison

Members were briefed and demonstrated the functions of completed iBEAM Unison platform development.

Members suggested having a formal Launching Ceremony for the platform and advised to promote the iBEAM Unison at the Digital Twin Hub and arrange workshops at the Center for Future Construction if possible. The CIC Secretariat will further discuss with the BSL regarding the promotion details.

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Members proposed the BSL to validate the setting in the solar radiation calculation function of the system. The BSL reported that the solar radiation calculation function will be further validate with 3rd party software if necessary. BSL will also strive to get the platform for BEAM Plus recognition with the standard committee.

BSL

Members were invited to experience the platform with a trial account.

BSL

Action

(Representatives of BSL left the meeting at 17:28)

4.10 **★ Progress Updates on CIC R&D Fund Project – Tailoring New-Generation Low-carbon Concrete for Green Construction: Engineering Applications towards Carbon Neutrality**

The CIC Secretariat will invite the representatives from PolyU to report the milestone deliverables as the project progresses, tentative in March 2025.

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4.11 AOB

(Representatives of HKGBC joined the meeting at 17:30)

Progress Updates on HKGBC Funded Projects – Members were reported that the Hong Kong Green Building Week 2024 (HKGBW) had completed successfully and the progress updates on Hong Kong Green Shop Award 2024.

The Chairperson expressed his gratitude for HKGBC team on the great efforts and achievements in HKGBW 2024.

Members were informed of the latest application status of the CIC Green Product Certification Scheme (CICGPC) and that it had obtained ISO 9001 certification in September 2024.

(Representatives of HKGBC left the meeting at 17:38)

ReThink Strategic Partnership – Members were reported that ReThink HK 2025 had invited the CIC to be the Supporting Organisation and Strategic Partner, in which CIC will have a curating session and a Pavilion designated for CIC GPC companies.

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Members agreed to send Expression of Interest to companies under CIC GPC to garner their intentions to setup booths in the CIC GPC Pavilion. While members supported CIC to have more presence in

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Action

ReThink, the decision will be made after collecting the EOI responses.

Global Construction Sustainability Forum and Exhibition 2026 (GCSFE) – Members were briefed on the tentative timeline for GCSFE 2026. The CIC Secretariat invited Members to share their comments and suggestions on the event if any.

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ESG Network Program – Members were reported that Bank of East Asia, Limited (BEA) had invited the CIC to be the Network partner of their ESG Network Program. Members supported CIC’s participation. The CIC Secretariat will further discuss with BEA and report the progress to Members in due course.

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4.12 Tentative Date of Next Meeting No. 001/25

Next Meeting is scheduled for 11 March 2025 (Tuesday), 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 2024**