

**Construction Industry Council**

**Committee on Environment**

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Meeting No. 001/24 of the Committee on Environment for 2024 was held on Wednesday, 13 March 2024, at 9:30 am at 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:	Ivan FU	(FI)	Chairperson
	CHAN Yiu-cheong*	(YCC)	
	Marvin CHEN*	(MCh)	
	Charles CHIU*	(CCK)	
	Thomas HO Kwok-kwan	(KnH)	
	HUANG Jianxiang	(HJX)	
	KAN Jun	(KJ)	
	Clarence LEUNG*	(CLWK)	
	WU Siu-kei*	(WSK)	
	Terence LAM*	(TmL)	Prin AS (Works) 5, Development Bureau
	Vincent HA*	(VHa)	AS (Works Policies 5) 1, Development Bureau
	Tim LI*	(TMLM)	Ch Architect 3, Housing Department
	Garret HONG*	(GH)	Sr Architect 18, Housing Department
In Attendance:	Albert CHENG	(CTN)	Executive Director
	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
	Ray CHAN	(RCKH)	Senior Officer – E&S
	Rainbow LO	(RLo)	Officer – E&S
Presenter:	William WONG*		Manager – COP, CIC
	Tim LO*		BEAM Society Limited (BSL)
	KL HON*		Hong Kong Construction Association (HKCA)
	Eric CHAN*		ESG Consortium (ESGC)
	Ben YUEN*		ESGC
	Heidi HUI*		Hong Kong Green Building Council (HKGBC)
	Ivy LEE		HKGBC
	Tim WONG		Arup
	Mr. Vincent CHOW		EMSD
	Mr. Eric WONG		EMSD
	Mr. Kenneth CHU		EMSD
	Mr. Toto PO		PwC HK
Apologies:	Irene CHENG	(ICW)	
	Rex WONG	(RxW)	
	Andrew YOUNG	(AYMC)	

\* Attended the meeting online via Microsoft Teams

**MINUTES**

**Action**

No declaration of conflict of interest was received from Members at the meeting. All to Note

**1.1 Confirmation of the Minutes of the Previous Meeting**

Members confirmed the minutes CIC/ENV/M/004/23 of the last Com-ENV meeting No. 004/23 held on Friday, 8 December 2023. All to Note

**1.2 Matters Arising from the Previous Meeting**

The CIC Secretariat updated Members on the following matters:

- (a) Item 4.3 – ★Consultancy Services on the Development of Strategy and Plan Directional Guideline for the Hong Kong Construction Industry Achieving Carbon Neutrality Target according to the Hong Kong's Climate Action Plan 2050

Members approved the release of the stage payment to CECEP following the approval of Paper \*CIC/ENV/P/016/23\*.

Members were briefed that the Paper was circulated in the Council and the leaflet would be uploaded and disseminated through CIC Channels, and an iClub webinar would be organised.

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- (b) Item 4.4 – Progress Update on the CIC Sustainable Finance Certification Scheme (SFCS)

Members were reported that a scheme operator was appointed for one year.

Members were briefed that stakeholder engagement regarding the positioning of SFCS would be conducted in the first half of this year, aiming to gain a better understanding of stakeholders' needs and market trends in sustainable finance. Informal interviews would be conducted to explore the directions of the Scheme.

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**Action**

Members approved the release of the final payments to Cundall and CECEP following the approval of Paper CIC/ENV/P/017/23.

(c) Item 4.5 - Progress Update on CIC Smart Waste Management Tool

Members approved the release of the stage payment to Arcadis following the approval of Paper CIC/ENV/P/018/23.

(d) Item 4.6 - Progress Update on iBEAM Unison

Members were reported that engagements with professional bodies (HKIS, HKIA, HKIE etc.) were conducted.

(e) Item 4.7 - Project Proposal on R&D Fund Project – Tailoring New – Generation Low-carbon Concrete for Green Construction: Engineering Applications towards Carbon Neutrality

Members were reported that the preparation of agreement for the R&D Fund Project was in progress and would be finalised by the first quarter.

(f) Item 4.9 - Report on GCSFE 2023

Members were apprised of the completion of the survey for collecting event feedback. The survey results would be circulated to members.

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The event archives would be available to the public by the first quarter.

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(g) AOB item - MoU and Brainstorming on ESG platform with ESG Consortium

Members were apprised that the progress would be presented in the meeting as AOB item.

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**1.3 Progress Update on CIC Smart Waste Management Tool**

Members were briefed that the SWMT would be ready for industry use since the green light has been obtained from the Development Bureau, and the CIC would encourage more projects to use the Tool. CIC Secretariat

The establishment of linkage between iBeam and SWMT would be completed by first quarter. CIC Secretariat

Members were apprised that engagement with URA and BD were conducted to promote SWMT.

Members were briefed on the proposal of the SWMT Phase Two Development. During the discussion, Members made the following suggestions: (1) conduct a desktop study on alternative construction methods, tools, and services to replace the use of timber and timber formwork in local construction sites; (2) maintain continuous engagement with key stakeholders from different disciplines, including relevant authorities, architects and authorised persons, throughout the platform development; and (3) consider inviting representatives from the developers and main contractors sectors to join the working group. CIC Secretariat

Members approved Paper CIC/ENV/P/004/24, which included the Assignment Brief, the Project Plan and proposed Working Group membership, for the Consultancy Service on Phase Two development of the CIC SWMT.

[Post-meeting note: Members commented that Clause 3.5 in the Assignment Brief was initially considered as optional in the Com-ENV meeting. Members were informed after the Com-ENV meeting that this item would be changed to mandatory. The CIC Secretariat has updated Clause 3.5 from an optional item to a mandatory item and would circulate the updated Assignment Brief to the members.]

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1.4 **Proposal on a Feasibility Study on Construction Site Electrification and Clean Energy Adoption**

Members were briefed on proposal for the consultancy service on the Feasibility Study on Construction Site Electrification and Clean Energy Adoption. During the discussion, Members made the following suggestions: (1) engage two power companies to discuss on the allocation of temporary power to individual construction sites, as well as the power supply plan for remote sites; (2) include the scenario-based study on power demand during different phases of construction for various types and locations of projects; (3) consider recruiting extensive industrial expert(s) in the field of construction site electrification and clean energy adoption for the consultancy; (4) explore potential incentive and funding options; and (5) consider embracing a vision ahead of other countries and cities in this area, and (6) study the measures to staggering power consumption at construction sites.

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Members approved Paper CIC/ENV/P/005/24, which included the tender document, assignment brief, project plan and timeline, stakeholder engagement list for the consultancy service on the Feasibility Study on Construction Site Electrification and Clean Energy Adoption, and the proposed replacement for the Working Group membership.

*(Representatives of CIC-COP joined the meeting at 10:12am)*

1.5 **Enhancement of the Assessment Mechanism and Procedures of the CIC Research and Technology Development (R&D) Fund**

Members were briefed on enhanced assessment mechanism and procedures for R&D Fund applications, including (1) increase the frequency of application openings per year; and (2) improve the efficiency and flexibility of the assessment process by forming an Assessment Panel consisting of members from the four CIC Committees. Members suggested to explore the possibility of

**Action**

aligning the application schedule with academia funding schedules.

Members approved Paper CIC/ENV/P/006/24 and CLWK was nominated as one of the Com-ENV members to serve as the “Pool of Experts” of this year.

*(Representatives of CIC-COP left the meeting at 10:26am)*

**1.6 Progress Update on iBEAM Unison**

Members were briefed on the project’s progress update on the CIC R&D fund project - iBEAM Unison.

Members approved Paper CIC/ENV/P/007/24 to release stage payments No. 3 and 4 to BSL.

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**1.7 Any other business**

*(Representatives of BSL joined the meeting at 10:28am)*

**Proposal on Green Data Hub**

Members were introduced the proposal of Green Data Hub, a single platform of truth covering embodied carbon and operational carbon emissions generated from infrastructure and building developments.

Members expressed their support for the proposal in principle and recommended that the CIC Secretariat continues to collaborate and liaise with other partner organisations. Members also suggested determining the roles and responsibilities of each organisation, establishing specific conditions, evaluating investments required, maintaining data accuracy, and devising a plan for sustaining the platform.

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& BSL

*(Representatives of BSL left the meeting at 11:01am)*

*(Representatives of HKCA joined the meeting at 11:08am)*

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*(Representatives of ESGC joined the meeting at 11:31am)*

**Proposal on ESG Initiatives**

Members were briefed the CIC proposal on ESG Initiatives for Hong Kong construction industry including HKCA's ESG Recognition Scheme and ESG App by the representatives of HKCA. Members were also briefed on the ESGC ESG Reporting Portal and other ESG services by the representatives of ESGC.

*(Representatives of HKCA left the meeting at 11:30am)*

*(Representatives of ESGC left the meeting at 11:48am)*

Members expressed their support for Option 2 outlined in the CIC's ESG proposal, this Option would offer CIC to gain full ownership of the ESG initiatives, including the ESG APP and ESG Reporting Portal, while also allow for broader industry stakeholders involvement

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*(Representatives of HKGBC & Arup joined the meeting at 11:51am)*

**Progress Update on HKGBC Projects funded by CIC**

Members were briefed on the progress updates of the funded projects, which included the Hong Kong Green Building Week 2024, the Hong Kong Green Shop Alliance, participation in the World Sustainable Built Environment Conference (WBE24), and the operation of the CIC Green Product Certification (GPC) Scheme.

Members were briefed on the result of stage 1 of the CIC GPC enhancement, which encompassed proposed updated product families and product labels, new rating system and newly-added product categories.

HKGBC



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Members suggested expanding the promotion of GPC within the Greater Bay Area and exploring the possibility of aligning GPC assessment criteria with Mainland's relevant green product standards.

Members made the following suggestions: (1) revisit the categories of precast concrete product and asphalt; (2) explore how to manage products such as MiC and MiMEP and certifying composite products as a whole; (3) explore strategies to enhance the industry recognition of the GPC Scheme.

HKGBC,  
Arup &  
CIC  
Secretariat

*(Representatives of HKGBC & Arup left the meeting at 12:33pm)*

*(Representatives of EMSD joined the meeting at 12:34pm)*

**Proposed legislative amendments to Gas Safety Ordinance (Cap. 51)**

Members were given an overview of the latest hydrogen development and hydrogen trial projects in Hong Kong and outline of the regulatory framework specifically tailored for the governance of hydrogen safety and the proposed legislative amendments to Gas Safety Ordinance (Cap. 51) by the representatives of EMSD.

*(Representatives of EMSD left the meeting at 12:52pm)*

**Review of CIC 2024 Major Work Plan**

Members approved the three KPIs in the CIC 2024 Major Work Plan, including CIC Sustainability Strategy, Study on Site Electrification and Clean Energy Adoption and Smart Waste Management Tool Phase 2 development.

**Tentative Date of Next Meeting No. 002/24**

The next meeting will be held on 7 June 2024 (Friday) at 2:30 pm in Board Room, Construction Industry Council Headquarters, 38/F All to Note

**Action**

COS Centre, 56 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong.

**CIC Secretariat  
March 2024**