

Construction Industry Council

Committee on Environment

Meeting No. 001/23 of the Committee on Environment for 2023 was held on Monday, 20 March 2023 at 2:30 pm at the Board Room, 29/F, Tower 2, Enterprise Square Five (Megabox), 38 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong.

Present:	Ivan FU	(FI)	Chairperson
	CHAN Yiu-cheong*	(YCC)	
	Irene CHENG	(ICW)	
	Marvin CHEN*	(MCh)	
	Charles CHIU*	(CCK)	
	Thomas HO Kwok-kwan	(KnH)	
	Nicholas HO*	(NH)	
	Garret HONG *	(On behalf of Tim LI)	
	Jiangxiang HUANG	(HJX)	
	KAN Jun	(KJ)	
	Marco LEE*	(On behalf of Terence LAM)	
	Clarence LEUNG	(CLWK)	
	Rex WONG	(RxW)	
	WU Siu-kei	(WSK)	
	Andrew YOUNG	(AYMC)	
	Clarice YU	(TCY)	

In Attendance:	Albert CHENG	(CTN)	Executive Director
	Robert CHAN	(RCCM)	Director – Industry Development
	Alex HO	(AHKK)	Assistant Director - Industry Development
	Eros LAM	(ELLT)	Manager - Management Support
	Margaret HO	(MHo)	Senior Manager - Environment and Sustainability
	Max CHIN	(MChin)	Assistant Manager - Environment and Sustainability
	CHIU Wai-chung	(CChiu)	Assistant Manager - Environment and Sustainability
	Jane LING	(JLing)	Senior Officer - Environment and Sustainability
	Ray CHAN	(RCKH)	Senior Officer - Environment and Sustainability
Presenter:	Joy SONG*		China Energy Conservation and Environmental Protection Group (CECEP)
	Sandy Li*		CECEP
	Kiven YUAN*		CECEP
	Haowen ZHOU*		CECEP
	Reece CHAN*		CECEP
	Frank LI*		CECEP

Heidi HUI*	Hong Kong Green Building Council (HKGBC)
Ivy LEE*	HKGBC
James WONG	Arcadis
Stanley YIP	NanRise
Ivan SHUM	Nano and Advanced Materials Institutes Limited (NAMI)
Garrison CK CHAU	NAMI
Gordon LEUNG	NAMI
CHEUNG Wai-hung	Environmental Protection Department (EPD)
NG Kwok-fai	EPD
HO Hei-yin	EPD
KO Yee-lin	EPD
FUNG Shun-on	EPD

* Attended the meeting online via Microsoft Teams

MINUTES

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

1.1 Confirmation of the Minutes of the Previous Meeting

Members confirmed the minutes CIC/ENV/M/004/22 of the last Com-ENV meeting No. 004/22 held on Wednesday, 23 November 2022.

1.2 Matters Arising from the Previous Meeting

The CIC Secretariat updated Members on the following matters:

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

Members approved the Inception Report and the release of the stage payment to China Energy Conservation and Environmental Protection Group (CECEP).

Item 4.5 - CIC Sustainable Finance Certification Scheme (SFCS)

Final payment has been released to Cundall who was the consultant in the previous stage of the project. Stage payment has been released to the current consultant, CECEP.

(Representatives of CECEP joined the meeting at 2:35 pm)

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1.3 Progress Update on the Consultancy Services on 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 were briefed on the project progress including the draft directional guideline preliminary study report and the proposed stakeholder engagement plan.

Members reminded CECEP to engage professional institutes in stakeholder engagement.

Members approved the Paper CIC/ENV/P/001/23 covering the Review Report and the release of the second stage payment to CECEP. CECEP

(Representatives of CECEP left the meeting at 3:00 pm)

1.4 CIC Global Construction Sustainability Forum and Exhibition 2023

The CIC Secretariat reported the proposal on the CIC Global Construction Sustainability Forum and Exhibition (GCSF). Members were briefed on the background, objectives, programme, working schedule, proposed speakers, forum topics and budget of the proposed GCSF proposal.

Members suggested collaborating with PropTech Alliance and Hong Kong Construction Association and inviting them to participate in the GCSF. CIC Secretariat

Members reminded CIC Secretariat about the limit on the number of visitors at Sky 100. CIC Secretariat will clarify with Sky 100. CIC Secretariat

Members endorsed the Paper CIC/ENV/P/002/23 covering the proposal of the GCSF and a budget plan.

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(Representatives of HKGBC joined the meeting at 3:20 pm)

1.5 2023 Funding Reallocation for Hong Kong Green Building Council

Members were briefed on the update of the CIC Green Product Certification Scheme (CICGPC) and its development of assessment standards for more low-carbon materials/products, updates of Hong Kong Green Shop Alliance 2023 and Hong Kong Green Building Week 2023. It was reported that the World Sustainable Built Environment Conference 2023 had been rescheduled to 2024 by the organiser.

Regarding the CICGPC, Members suggested CIC Secretariat to review the scope of the consultancy study on the expansion of four product categories.

Members approved the Paper CIC/ENV/P/003/23.

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(Representatives of HKGBC left the meeting at 3:35 pm)

1.6 Progress Update on Smart Waste Management Tool (SWMT)

The CIC Secretariat reported the progress of the SWMT platform development. The CIC Secretariat has scheduled a meeting with the working group to discuss the workflow of the SWMT platform in April 2023.

There are 5 pilot projects participated in the trial run before the launch of the SWM platform.

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Members were invited to nominate pilot projects, both commercial buildings and residential buildings, from the private sector.

Members suggested to prepare the scope and budget for Phase 2 development, which is expected to include components such as

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industry dashboard, benchmarking, etc. CIC Secretariat shall carry out budget estimation for phase 2 development.

1.7 Progress Update on Carbon Assessment Tool (CAT)

Members were briefed on the progress update on the consultancy services for the CIC Carbon Assessment Tool, including the preliminary analysis and IT functions upgrade. Members noted that the data collected through CAT is not sufficient for significant findings.

CIC Secretariat will schedule a workshop with PropTech Alliance in June 2023 to brief their members on using CAT and gather their feedback on the future enhancement of CAT. CIC Secretariat

Members recommended CIC Secretariat preparing a budget estimation in 2024 for future enhancement of CAT. CIC Secretariat

1.8 Progress Update on CIC R&D Fund Project - iBeam Unison

Members were briefed on the third Progress Report.

CIC Secretariat will seek further collaboration with BEAM Society Limited on data sharing. CIC Secretariat

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1.9 Progress Update on CIC SFCS

CIC Secretariat reported the progress of the implementation of CIC SFCS including the signing of “Memorandum of Understanding with Bank of Communications (BoComm) on Collaboration in Sustainable Finance” on 16 March 2023.

CIC Secretariat reported that more banks would be engaged to leverage them to promote SFCS in 2023. The Hong Kong Mortgage Corporations will also be the lobby target to explore the possibility to provide guarantee support to small and medium enterprises on green finance. CIC Secretariat

(Representatives of Arcadis and NanRise joined the meeting at 4:00 pm)

1.10 Any Other Business

R&D fund project – Establishing a Digital Repository of Green Construction Products for the Hong Kong Construction Industry

Representatives from Arcadis and NanRise presented the research proposal on establishing a digital repository of green construction products for the Hong Kong construction industry.

CIC suggested Arcadis to provide the details of the research proposal including the difference between proposed digital platform and HKGPC website. Members considered that it is not desirable for CIC to maintain two platforms upon completion of this project. Arcadis

Members suggested Arcadis to provide a breakdown of the proposed budget for CIC Secretariat’s further review. Arcadis /
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Members supported the proposed research project in principle.

(Representatives of Arcadis and NanRise left the meeting at 4:30)

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pm; Representatives of NAMI joined the meeting at 4:35 pm)

GGBS-based Low Carbon Concrete Technology

Representatives from Nano and Advanced Materials Institutes Limited (NAMI) presented their proposal on the research study of GGBS-based low-carbon concrete.

Members queried the application of NAMI's Intellectual Property (IP) License for their research output, i.e. a GGBS-based low carbon concrete and whether the industry could be benefited from NAMI's IP. NAMI replied that the industry would be charged at a reasonable rate for using their concrete, yet the exact amount is unknown at this stage.

Members did not support NAMI's proposal on the study of GGBS-based low-carbon concrete in consideration of the doubt whether an IP License is justified, as well as the uncertainty whether the industry's interest will be safeguarded after IP is granted to the research output.

*(Representatives of NAMI left the meeting at 4:55 pm;
Representatives of EPD joined the meeting at 5:00 pm)*

Consultation on C&D Waste Charging

Representatives from Environmental Protection Department introduced the proposed review of the Construction Waste Disposal Charging Scheme. The proposal is to adjust the future charge for construction waste disposal to a higher rate.

Members are welcome to provide comments (if any) on the proposed review via CIC secretariat.

(Representatives of EPD left the meeting at 5:15 pm)

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Mass Engineered Timber (MET) Structure

FI shared the proposed ideas for MET project and sought advice from the Members.

Members suggested arranging a consultancy study to conduct research and compare statutory requirements for MET in other countries. Members noted that unlike other countries such as Finland, timber construction was rarely adopted in Hong Kong because of the dense urban environment and the stringent control under our building regulations and codes to ensure buildings were designed and constructed to have adequate resistance in case of fire. A research could provide more information for consideration.

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Rename of the Com-ENV

FI consulted members' comments on the need to rename Com-ENV.

Members agreed that the existing name for Com-ENV is suitable. Renaming is not required.

Tentative Date of Next Meeting No. 002/23

The next meeting would be held on 6 June 2023 (Tuesday) at 2:30 pm at Board Room, 29/F, Tower 2, Enterprise Square Five (Megabox), 38 Wang Chiu Road, Kowloon Bay, Hong Kong.

All to
Note

There being no further business, the meeting was adjourned at 5:30 pm.