

Construction Industry Council

Committee on Environment

Meeting No. 001/22 of the Committee on Environment for 2022 was held on Tuesday, 22 March 2022 at 2:30 pm online on MS Teams.

Present:	Ivan FU	(FI)	Chairperson
	Charles CHIU	(CCK)	
	Thomas HO Kwok-kwan	(KnH)	
	Terence LAM	(TmL)	
	Stephen LAU	(SyLU)	
	Sherman YIP	(SYP)	
	Clarice YU	(YPM)	
In Attendance:	Thomas HO	(TH)	Chairman
	Albert CHENG	(CTN)	Executive Director
	Daniel SUEN	(DSuen)	Director - Industry Development
	Alex HO	(AHKK)	Assistant Director - Industry Development
	Margaret HO	(MHo)	Manager – Environment and Sustainability
	Max CHIN	(MChin)	Assistant Manager - Environment and Sustainability
	CHIU Wai-chung	(CChiu)	Senior Officer - Environment and Sustainability
	Jane LING	(JLing)	Senior Officer -

Environment and
Sustainability

Presenter:	Joe TANG	Cundall Hong Kong Limited (Cundall)
	Edith YIU	Cundall
	Hannah WONG	Cundall
	Rainbow LEUNG	Cundall
	Joy SONG	China Energy Conservation and Environmental Protection Group (CECEP)
	Billy CHENG	SGS Hong Kong Limited (SGS)
	Eddie TSE	Gammon Construction Limited (Gammon)
	Tim LO	BEAM Society Limited (BSL)
	HO Chi-sing	BSL
	Icarus AU	BSL
	Heidi HUI	Hong Kong Green Building Council (HKGBC)
	Ivy LEE	HKGBC
	Paul SAT	HKGBC
	Andes CHU	HKGBC

Apologies: CHOW Chi-ping (CPC)

MINUTES

Action

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

Confirmation of the Minutes of the Previous Meeting

1.1 Members confirmed the Minutes CIC/ENV/M/004/21 of the last Com-ENV meeting No. 004/21 held on Tuesday, 30 November 2021.

1.2 **Matters Arising from the Previous Meeting**

Chairperson updated Members on environmental matters reviewed over his meeting with Development Bureau (DEVB) on 11 March 2022. It was established that the construction sector should focus on the areas of waste management and energy saving in buildings, in alignment with Hong Kong's Climate Action Plan 2050. Suggestions on the way forward for existing tools from the CIC in 2022-2023 were summarised as follows:

CIC Green Product Certification Scheme (GPC)

- To explore the feasibility of promoting energy saving systems, low carbon concrete in Hong Kong via the scheme, taking the cost factor into consideration. Consultancy services may be engaged if detailed study is required. CIC Secretariat

CIC Carbon Assessment Tool (CAT)

- To explore expanding CAT to operational carbon in next-stage development with a view to promote energy-saving in buildings, while embodied carbon measurement will remain without setting benchmark. CIC Secretariat
- To conduct a preliminary analysis on the embodied carbon data collected via the CAT platform. CIC Secretariat
- To explore collaboration with Hong Kong Green Building Council (HKGBC) on promoting energy saving in buildings via retrofitting and retro-commissioning works. CIC Secretariat

Action

CIC Smart Waste Management Plug-in

- To align the scope of work with the consultant when the project commences. CIC Secretariat

CIC Sustainable Finance Certification Scheme (SFCS)

- To further promote the SFCS in Hong Kong and the Greater Bay Area.
- Since HKGBC will put focus on retro-commissioning and retrofitting works, the CIC could explore collaboration opportunities with HKGBC on green mortgage for retrofitting / retro-commissioning works under the SFCS. CIC Secretariat

Greater Bay Area Zero Carbon Place (GBA ZCP)

- To leverage the GBA ZCP as an exhibition, exchange, and educational platform for collaboration with Shenzhen counterpart.

The CIC Secretariat updated Members on the following matters:

Item 4.3 - CIC R&D Fund Project - Smart Design and Development of a Vent Protector

A follow-up meeting was arranged with the representatives of Buildings Department (BD) and Samson Wong & Associates Property Consultancy Ltd (SWA) on 16 December 2021 to address BD's comments on the effect of the vent protector on the airflow of the pipe. SWA would propose alternative methodologies to conduct airflow test. A follow-up meeting would be arranged if necessary. CIC Secretariat

Item 4.4 - CIC Sustainable Finance Certification Scheme (SFCS)

A stage payment was released. Following the experience sharing session on 26 November 2021, three more experience sharing sessions were arranged online in January and February 2022. Awareness training and assessor training sessions scheduled for 22 February 2022 were postponed due to COVID-19.

Item 4.5 - CIC Carbon Assessment Tool (CAT)

Action

Preliminary analysis would be conducted to review the carbon emissions performance of different types of projects and study the correlation of different parameters based on the data collected on the CAT platform. CIC Secretariat

Item 4.6 - CIC R&D Fund Project - Promoting the Use of Recycled Aggregates Derived from Demolition Waste in Concrete

Project completed. Final payment would be arranged upon receiving the invoice. CIC Secretariat

(Representatives of Cundall, CECEP, SGS and Gammon joined the meeting at 3:05 pm; representatives of BSL joined the meeting at 3:19 pm)

1.3 Progress Update on CIC Sustainable Finance Certification Scheme

Members were briefed on the progress of the phase 2 implementation plan including stakeholder engagement and experience sharing sessions, assessor training and third-party verification.

Members suggested further promoting the SFCS among contractors/subcontractors, and green guarantee to contractors via developers. Cundall

Members agreed with the proposal from the Working Group on relaxing the criteria for the early bird package. After the relaxation, each company could apply for the early bird package once for each financial product stated in the scheme, i.e. each company could enjoy a maximum of four early bird discount quotas.

Regarding the standalone post-lending fee, Members suggested Cundall to review the Scheme Operator's fee for the second and subsequent post-lending applications, to be supported by estimated manpower and workload involved, as well as the financial implications/benefits to CIC and the applicants. Supplementary materials would be circulated for Members' further consideration. Cundall/
CIC Secretariat

Action

Members agreed that the charge for the 1st post-lending verification service would be maintained at the same level upon request during the pre-lending stage and thereafter.

Members noted the findings from Cundall that accreditation services for the SFCS are not available in Hong Kong, Singapore, the United Kingdom, China and Belgium. Members suggested Cundall to further review the availability of accreditation services in the United States. Cundall

On assessor’s integrity, the CIC Secretariat would consult the ICAC on adequacy of the current measures as adopted under SFCS. Cundall would follow up with the CIC regarding the review of cyber security measures concurrently. CIC Secretariat / Cundall

Upon deliberations, Members approved the Paper CIC/ENV/P/001/22, including the assessor training programme proposal and training materials, the phase 2 SFCS E-platform, the proposed enhancement of Early-bird Package and the release of stage payment to Cundall.

(Representatives of Cundall, CECEP, SGS and Gammon left the meeting at 3:58 pm)

1.4 Application for the CIC R&D Fund

Members were briefed on the project proposal for the “iBEAM Unison – Data Unification Platform to Enhance the Integrity of Environmental and Sustainability Data in Design and Construction Processes”.

Conditions regarding data sharing between the CIC and the BSL would be incorporated into the research agreement with BSL. CIC Secretariat

Upon deliberations, Members approved the Paper CIC/ENV/P/002/22 and the project proposal.

Action

(Representatives of BSL left the meeting at 4:48 pm)

1.5 Progress Update on CIC R&D Fund Project - Smart Design and Development of a Vent Protector

Members were briefed on the progress of the project. The CIC Secretariat would follow up with SWA and BD for the completion of the outstanding work of the research project. YPM updated that a meeting between SWA and BD was held prior to the meeting and SWA had proposed a modified model as well as a new model for BD's consideration.

CIC
Secretariat

1.6 Progress Update on the Consultancy Services of Development and Implementation of Smart Waste Management Plug-in

Members noted that the captioned consultancy services were successfully awarded to Arcadis Consultancy Hong Kong Limited. The project would commence in March 2022, with the first working group meeting scheduled in April 2022.

Members recommended the consultant to present interim deliverables by Q4 2022.

1.7 Any Other Business

Consultancy services on Carbon Neutrality Roadmap was targeted for initiation by Q2 2022.

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(Representatives of HKGBC joint the meeting at 4:57 pm.)

The HKGBC representatives updated the status on CIC-funded projects, including Hong Kong Green Building Week (HKGBW) 2022, Hong Kong Green Shop Alliance, CIC Green Product Certification (GPC), etc.

HKGBC

Action

Members recommended promoting retro-commissioning and retrofitting in HKGBW 2022. Regarding the Digital Platform to facilitate the search of guidebooks, Members recommended HKGBC to liaise with BSL to prevent duplication of work.

(Representatives of HKGBC left the meeting at 5:21 pm.)

1.8 Tentative Date of Next Meeting No. 002/22

The next meeting would be held on 21 June 2021 (Tuesday) at 2:30 pm at Board Room, Construction Industry Council Headquarters, 38/F COS Centre, 56 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong.

**All to
Note**

There being no further business, the meeting was adjourned at 5:23 pm.

**CIC Secretariat
March 2022**