

**Construction Industry Council**

**Committee on Environment**

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Meeting No. 003/22 of the Committee on Environment for 2022 was held on Tuesday, 6 September 2022 at 2:30 pm at the Board Room, Construction Industry Council Headquarters, 38/F COS Centre, 56 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong.

|                |                     |        |  |
|----------------|---------------------|--------|--|
| Present:       | Ivan FU             | (FI)   | Chairperson                                  |
|                | CHAN Yiu-cheong*    | (YCC)  |  |
|                | Marvin CHEN*        | (MCh)  |  |
|                | CHOW Chi-ping*      | (CPC)  |  |
|                | Thomas HO Kwok-kwan | (KnH)  |  |
|                | Nicholas HO*        | (NH)   |  |
|                | KAN Jun             | (KJ)   |  |
|                | Terence LAM*        | (TmL)  |  |
|                | Clarence LEUNG*     | (CLWK) |  |
|                | Rachel LEUNG*       | (RaLg) |  |
|                | Rex WONG*           | (ReW)  |  |
|                | WU Siu-kei*         | (WSK)  |  |
|                | Andrew YOUNG        | (AYMC) |  |
|                | Clarice YU*         | (YPM)  |  |
| In Attendance: | Thomas HO           | (TH)   | Chairman                                     |
|                | Albert CHENG        | (CTN)  | Executive Director                           |
|                | Alex HO             | (AHKK) | Assistant Director -<br>Industry Development |
|                | Margaret HO         | (MHo)  | Manager - Environment and<br>Sustainability  |

|            |                 |         |  |
|------------|-----------------|---------|--|
|            | Max CHIN        | (MChin) | Assistant Manager -<br>Environment and<br>Sustainability                   |
|            | CHIU Wai-chung  | (CChiu) | Assistant Manager -<br>Environment and<br>Sustainability                   |
|            | Jane LING       | (JLing) | Senior Officer -<br>Environment and<br>Sustainability                      |
| Presenter: | Tim LO*         |         | Beam Society Limited<br>(BSL)  |
|            | Jeff CHAN*      |         | BSL  |
|            | Jimmy LI        |         | Hong Kong Metropolitan<br>University (HKMU)                                |
|            | Fanny TANG      |         | HKMU   |
|            | Yolanda LI      |         | HKMU   |
|            | Taren LEE       |         | HKMU   |
|            | CHENG Yat-ho    |         | HKMU   |
|            | Joy SONG*       |         | China Energy Conservation<br>and Environmental<br>Protection Group (CECEP) |
|            | Sandy LI*       |         | CECEP  |
|            | Gabriella ZHANG |         | Arcadis  |
|            | Yvonne MOK      |         | Arcadis  |
|            | Raymond LEUNG*  |         | Huawei   |
|            | Heidi HUI*      |         | Hong Kong Green Building<br>Council (HKGBC)                                |
|            | Ivy LEE*        |         | HKGBC  |
|            | Paul SAT*       |         | HKGBC  |

Apologies: Charles CHIU (CCK)  
Stephen LAU (SyLU)

\* attended the meeting online via Microsoft Teams

MINUTES

Action

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

**3.1 Confirmation of the Minutes of the Previous Meeting**

Members confirmed the minutes CIC/ENV/M/002/22 of the last Com-ENV meeting No. 002/22 held on Tuesday, 21 June 2022.

**3.2 Matters Arising from the Previous Meeting**

The CIC Secretariat updated Members on the following matters:

Item 2.3 – Detailed Business Plan and Budget for 2023

Supplementary information regarding CIC funding support to HKGBC initiatives in 2023 was circulated to Members for comments after the last meeting. No further comment was received.

The KPIs for the Com-ENV business plan and budget for 2023 were circulated to Members after the meeting. Approval was obtained.

Item 2.4 – CIC Sustainable Finance Certification Scheme (SFCS)

Supplementary information regarding fee breakdown of post-lending application was circulated to Members for comments. No further comment was received.

Item 1.7 – 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

A paper on the consultancy services with Members’ comments incorporated was circulated to Members after the last meeting. Approval was obtained.

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Tendering exercise is currently underway and it is expected that the tender would be awarded in September /early October 2022. CIC Secretariat

Item 2.6 – CIC Carbon Assessment Tool (CAT)

The tender exercise for the consultancy service to provide IT functions upgrade and O&M services for CAT is underway and is expected to be completed in September / October 2022. CIC Secretariat

**3.3 ★Final Report on CIC R&D Fund Project – Smart Design and Development of a Vent Protector (SVP)**

Upon submissions of test reports, the CIC R&D Fund Project – Smart Design and Development of a Vent Protector received no further comments from the Buildings Department (BD) on the installation of its models under the Building Ordinance.

The Final Report and Summary Report were revised, with BD’s comments incorporated, and submitted to the Com-ENV. Members approved the Paper \*CIC/ENV/P/012/22 covering the Final Report, Summary Report and the release of the final payment and KPI payment to the researcher Samson Wong & Associates Property Consultancy Ltd. (SWA). CIC Secretariat

Members suggested promoting SVP through iClub and CITAC.

*(Representatives of BSL joined the meeting at 2:42 pm)*

**3.4 Progress Update on CIC R&D Fund Project – iBEAM Unison**

Members were briefed on the project progress including the primary functions developed under Phase 1.

Members reminded BSL to follow the DEVB BIM Harmonisation Guideline on the BIM development. BSL

Members approved the Paper CIC/ENV/P/013/22 covering the

**Action**

Progress Report and the release of the first stage payment to BSL.

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*(Representatives of BSL left the meeting at 3:00 pm;  
Representatives of HKMU joined the meeting at 3:00 pm)*

**3.5 Application for CIC R&D Fund**

The CIC Secretariat reported that eight applications were received for CIC R&D Fund. One of them, "The Development of Bio-composites Green Building Material from Construction Site Recycled Plastic and Coffee Ground Derived Biochar" was shortlisted for Members' consideration. Members were briefed on the background, objectives, deliverables, budget, and KPIs of the proposed R&D project.

Members shared concerns and queries on the research proposal including the hurdles in the manufacturing process, selection of upcycled materials, scalability of the final products, etc.

Members disapproved of supporting the shortlisted CIC R&D application.

*(Representatives of HKMU left the meeting at 3:27 pm;  
Representatives of CECEP joined the meeting at 3:32 pm)*

**3.6 Progress Update on CIC Sustainable Finance Certification Scheme (SFCS)**

Members were briefed on the progress of implementation of SFCS, including new cases, and engagements with financial institutions and other parties.

Members shared concerns about the number of applications since the launch of the scheme. Members suggested CECEP and CIC Secretariat keep engaging and promoting to more potential applicants, collaborating with financial institutions and providing

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training.

Members suggested to re-activate the SFCS Working Group to enhance the adoption of the scheme. CIC Secretariat

*(Representatives of CECEP left the meeting at 3:55 pm; Representatives of Arcadis joined the meeting at 4:00 pm)*

**3.7 Progress Update on Smart Waste Management Plug-in (SWM)**

Members were briefed on the project progress including site visits, stakeholder engagements, findings and platform design.

It was clarified that the platform shall have an interface with other platforms including iBeam Unison and Carbon Assessment Tool. DEVB agreed to assist in engaging Civil Engineering and Development Department (CEDD), Environmental Protection Department (EPD) and Environment and Ecology Bureau (EEB). Arcadis

Members suggested promoting the platform at CIExpo. Arcadis /  
CIC Secretariat

*(Representatives of Arcadis left the meeting at 4:25 pm)*

**3.8 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 development and progress of the tender exercise on the consultancy services.

**3.9 Progress Report on 2022 Business Plan and CIC Major Work Plans**

**Action**

Members were advised to note the progress of the work under Com-ENV according to the 2022 Business Plan and CIC Major Work Plans.

*(Representatives of Huawei joined the meeting at 4:25 pm)*

**3.10 Any Other Business**

In the brainstorming session on energy-saving for buildings, Huawei introduced its new technology such as solar panels and battery storage systems which serve to enhance the overall energy efficiency of buildings to achieve carbon neutrality by 2050.

Members suggested inviting Huawei to showcase its technology at Zero Carbon Park (ZCP), and provide training to practitioners. Members also suggested continuing to explore collaborations with high-tech companies like Huawei.

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*(Representatives of Huawei left the meeting at 5:06 pm;  
Representatives of HKGBC joined the meeting at 5:07 pm.)*

The HKGBC representatives updated the status of the CIC-funded projects, including Hong Kong Green Building Week (HKGBW) 2022, HKGSA Award 2022, Greater Bay Area Sustainable Built Environment Conference 2022, CIC Green Product Certification (GPC), etc.

*(Representatives of HKGBC left the meeting at 5:12 pm.)*

**3.11 Tentative Date of Next Meeting No. 004/22**

The next meeting would be held on 29 November 2022 (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



**Action**

There being no further business, the meeting was adjourned at 5:15 pm.

**CIC Secretariat  
September 2022**