



# Hong Kong tertiary students showcasing “Advancing Net Zero” designs at Construction Industry Council BIM Competition 2021

A record 252 students put forth valiant efforts in decarbonisation at CIC's third annual BIM Competition, with nine teams emerging victorious.

## Working towards carbon neutrality in the build environment

Teams pulled out all the stops to come up with design concepts for the popular Construction Industry Council (CIC)'s “CIC BIM Competition 2021”. Debuted in 2019, the competition aims to promote the practical uses of Building Information Modelling (BIM) through a collaborative and competitive learning approach among teams of three to five full-time tertiary students from a minimum of two construction-related disciplines.

The record 53 teams took part this year and they submitted proposals for “An Advancing Net Zero (ANZ) Hub in CIC-Zero Carbon Park (CIC-ZCP)”. Their mission was to demonstrate how to achieve net zero carbon emissions during the design and construction process and after the completion of their rebuilt CIC-ZCP.

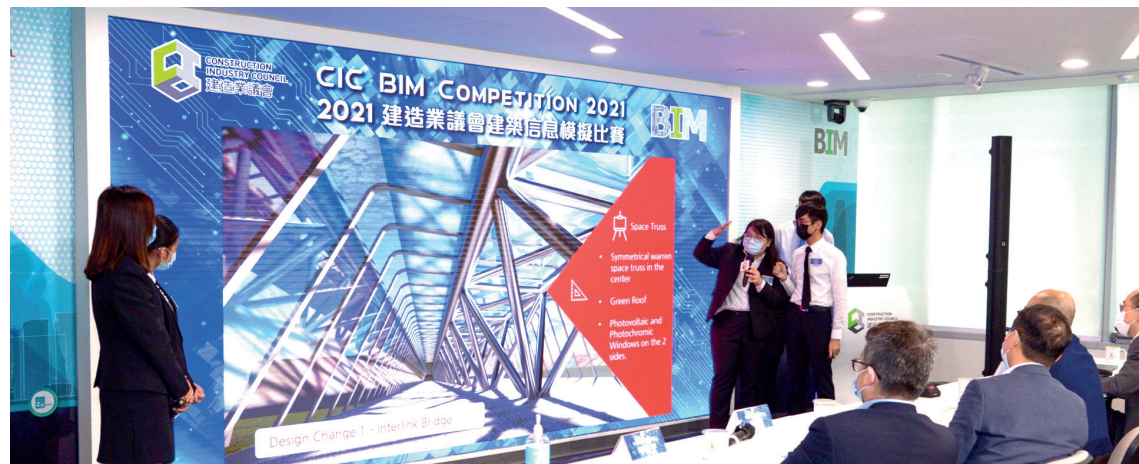
With the global effort to support the acceleration of net zero carbon buildings to 100 per cent by 2050, there's no time better than now for students to start thinking about transitioning towards net zero in a high-density and compact city like Hong Kong.



Ar. Ada Fung, Chairperson of the Committee on BIM of the CIC (fourth left), presents the award to the 1st Runner-up – Bimify.



Ar. Ada Fung, Chairperson of the Committee on BIM of the CIC (fourth left), presents the award to the 1st Runner-up – Night Owl.



A finalist team presents their submission to the judging panel during the second round of the CIC BIM Competition.



Mr. Chan Ka-kui, Chairman of the CIC (fourth left), presents the award to the Champion – Coffeeholics.

## Going through hoops for a greener world

In the first round of the competition, teams submitted designs based on project requirements in redeveloping the existing CIC-ZCP in Kowloon Bay. A judging panel comprising of renowned professionals in BIM selected nine teams to enter the second round of the competition.

The competition got more challenging in the final phase. Finalist teams were asked to make amendments on their first round submissions on-site within 12 hours based on new requirements, which they presented to the judging panel the next day.

## Stellar achievements all round

While all finalist teams presented impressive proposals, Coffeeholics, formed by students from Chu Hai College of Higher Education and The Technological and Higher Education Institute of Hong Kong, grabbed the top honour as Champion. The judging panel lauded their winning work as they demonstrated excellent use of passive design and adoption of BIM software with plug-in for different BIM uses.

Complimenting the success of the competition at the Award Presentation Ceremony held on 12 June, Ar. Ada Fung, Chairperson of the Committee on BIM of the CIC, said, “We organised 20 different webinars to build up their knowledge and skills on BIM and net zero building design, attracting over 1,000 man-time of participants, which is also a record high among three years.”



Ir Dr. Richard Pang, Director - Industry Development of the CIC (fourth left), presents the award to the 2nd Runner-up – High5Tea.



Ir Dr. Richard Pang, Director - Industry Development of the CIC (third left), presents the award to the 2nd Runner-up – Team Assorted.



Winning teams and guests celebrate their success at the Award Presentation Ceremony held on 12 June 2021.

## Sponsored Feature

### CIC BIM COMPETITION 2021 LIST OF WINNING TEAMS

#### CHAMPION

Team : **COFFEEHOLICS**  
Institutions : • Chu Hai College of Higher Education  
• The Technological and Higher Education Institute of Hong Kong

#### 1<sup>ST</sup> RUNNER-UP

Team : **BIMIFY**  
Institutions : • The Hong Kong Polytechnic University  
• The Hong Kong University of Science and Technology  
• The University of Hong Kong

Team : **NIGHT OWL**  
Institutions : • The Hong Kong Polytechnic University  
• The University of Hong Kong

#### 2<sup>ND</sup> RUNNER-UP

Team : **HIGH5TEA**  
Institutions : • The Hong Kong Design Institute  
• The Hong Kong Polytechnic University

Team : **TEAM ASSORTED**  
Institutions : • Chu Hai College of Higher Education  
• The Hong Kong Polytechnic University

#### MERIT

Team : **CARAVANEERS**  
Institution : • The Hong Kong Design Institute

Team : **CITI NO. 1**  
Institutions : • City University of Hong Kong  
• Chu Hai College of Higher Education  
• The Hong Kong Polytechnic University  
• The University of Hong Kong

Team : **HKUST**  
Institutions : • The Hong Kong University of Science and Technology  
• The University of Hong Kong

Team : **JIKY**  
Institutions : • Chu Hai College of Higher Education  
• The Hong Kong Institute of Vocational Education

#### BEST PRESENTATION TEAM (LIVE ONLINE VOTING)

Team : **JIKY**  
Institutions : • Chu Hai College of Higher Education  
• The Hong Kong Institute of Vocational Education

More Competition Details:

