



Hong Kong Alliance of Built Asset & Environment  
Information Management Associations  
香港建設資產及環境信息管理聯盟



# HONG KONG OPENBIM/OPENGIS AWARDS 2023

## Final Presentation and Award Ceremony



### REGISTER NOW

Limited indoor seats available on a first-come-first-served basis.

For Enquires: [openBIMGISAwards2023@hkabaeima.org](mailto:openBIMGISAwards2023@hkabaeima.org)

**Date:** 25 May 2023 (Thursday)  
**Time:** 9:00am - 5:40pm  
**Venue:** Multi-Purpose Hall, Zero Carbon Park, Kowloon Bay  
**Format:** Hybrid



**Guest of Honor:**  
**Ms YU Po-mei, Clarice, JP**  
Director of Buildings

## Rundown

Time	Program
09:00	Registration
09:30	<b>Welcome Remarks</b> <b>Ar. Prof. Ada FUNG, BBS</b> President of HKABAEIMA and Chairperson of Hong Kong Chapter of buildingSMART International
09:40	<b>Opening Address</b> <b>Mr. Aidan MERCER</b> Marketing Director of buildingSMART International
09:50	<b>Introduction to the Award and Arrangement</b> <b>Prof. Jack CHENG</b> OC Chair of the Hong Kong openBIM/openGIS Award 2023
10:00	<b>Presentation from Technology Category – Shortlisted Submissions</b>
<b>10:45</b>	<b>Break</b>
11:00	<b>Presentation from Project Category – Shortlisted Submissions</b>
<b>12:15</b>	<b>Break</b>
13:45	<b>Presentation from Student Research Category – Shortlisted Submissions</b>
<b>14:45</b>	<b>Break</b>
14:55	<b>Presentation from Professional Research Category – Shortlisted Submissions</b>
<b>15:45</b>	<b>Break</b>
<b>Award Presentation Ceremony</b>	
16:00	<b>Speech from Guest of Honour</b> <b>Ms YU Po-mei, Clarice, JP</b> Director of Buildings
16:05	<b>Souvenir Presentation to Judges</b>
16:10	<b>Souvenir Presentation to Sponsors</b>
16:15	<b>Certificate Presentation to Support Organisation</b>
16:20	<b>Technology Category</b> Comments from Judges Result Announcement cum Award Presentation Ceremony
16:40	<b>Project Category</b> Comments from Judges Result Announcement cum Award Presentation Ceremony
17:00	<b>Research Category</b> Comments from Judges Result Announcement cum Award Presentation Ceremony
17:35	<b>Closing Remarks</b> <b>Ar. Prof. Ada FUNG, BBS</b> President of HKABAEIMA and Chairperson of Hong Kong Chapter of buildingSMART International
17:40	<b>End of event</b>

\* The presentation order will be determined randomly on-site



## JUDGING PANEL MEMBERS



Ar. Prof. Ada FUNG



Mr. Aidan Mercer



Mr. Billy Wong



Prof. Calvin Kam



Ar. David Fung



Ir George Wong



Prof Jack Cheng



Dr. Jianfeng Li



Sr Michael Wong



Ms. Mignone  
Cheng



Sr Paul Tsui



Mr. Wei Lai

## Sponsors

### Platinum Sponsor



Logistics and Supply Chain MultiTech R&D Centre  
 物流及供應鏈多元技術研發中心

### Venue Sponsor



建造業零碳天地

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## List of Shortlisted Submissions

### Technology Category

- 1. Revolutionizing Cooling Tower Performance at Times Square Tower One: The Integration of iPaintAI, BIM 7D, GIS (Open Data API) and QR Code for Built Asset Industry Innovation and Best Practices**  
Times Square Limited  
Enerright Intelligent Limited  
MOEBIUS INNOVATION
- 2. Revolutionizing Large Diameter Water Mains Management and Pumping System Control with AI-Driven OpenBIM and OpenGIS Integration**  
Water Supplies Department  
Ming Hing Waterworks Engineering Co. Ltd.  
Summit Technology (HK) Limited  
GDHK (粵海)  
Detection Services Pty. Ltd.
- 3. openBIM Checker**  
Wings & Associates Consulting Engineers Limited

### Project Category

- 1. openBIM and openGIS for Efficient Works Transformation**  
Drainage Services Department  
AECOM  
China State – Alchmex Joint Venture
- 2. Integrating openBIM in the Design and Construction of a Multi-Welfare Service Complex**  
Shui On Joint Venture  
Architectural Services Department, Hong Kong  
Vircon Limited  
P&T Architects & Engineers Limited  
J.Roger Preston Limited
- 3. ICC openBIM & Digital Twin for Leasing and Property Management**  
Kai Shing Management Services Limited  
Sun Hung Kai Properties Limited  
bimSCORE Limited – Strategic Building Innovation
- 4. Centralized Project Information Management System for Public Housing Project Yip Wong Road Phase 1 and Phase 2**  
Geosys Hong Kong Limited  
Hong Kong Housing Authority
- 5. openBIM in refurbishment of South China Hotel**  
ZS Consulting Company Limited  
The Hong Kong Polytechnic University  
Yuexiu Enterprise (Holdings) Limited  
Zhong Shan Engineering Company Limited  
AGC Design Ltd.  
Aurecon Hong Kong Limited

### Student Research Category

- 1. MEP2BIM: Recovering 3D BIM from 2D Drawings for MEP Systems of Ageing Buildings**  
The Hong Kong University of Science and Technology  
The Hong Kong Polytechnic University  
The City University of Hong Kong
- 2. Urban Road Rehabilitation Management and Decision Support with openBIM and openGIS Applications**  
City University of Hong Kong
- 3. A knowledge graph-based openBIM framework for building energy modeling with thermal zoning**  
The Hong Kong University of Science and Technology
- 4. openBIM-based Construction Cost Management with AI and Blockchain**  
The Hong Kong University of Science and Technology  
National University of Singapore  
Imperial College London

### Professional Research Category

- 1. Heritage Building Information Modelling (HBIM) of Tai Fu Tai Mansion with openBIM Applications**  
WSP Hong Kong Limited  
Architectural Services Department  
Revival Heritage Consultants Limited
- 2. Implementation of openBIM in slope stability analysis of road design and construction**  
City University of Hong Kong
- 3. Security-minded openBIM CDE for Building Data Management Using Encryption and Distributed Ledger Technology**  
The Hong Kong University of Science and Technology



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Supporting Organisations



建築署  
Architectural Services  
Department

