



The Hong Kong Institute of  
Building Information Modelling  
香港建築信息模擬學會

## **THE HONG KONG INSTITUTE OF BUILDING INFORMATION MODELLING (HKIBIM) The 1st Competition and showcase on BIM x Programming for BIM Enthusiasts (Hong Kong station)**

### **BIM AUTOMATION ARENA -**

***“Manifest your breakthrough in BIM automation and intelligence”***

### **APPLICATION KIT**

#### ***INTRODUCTION***

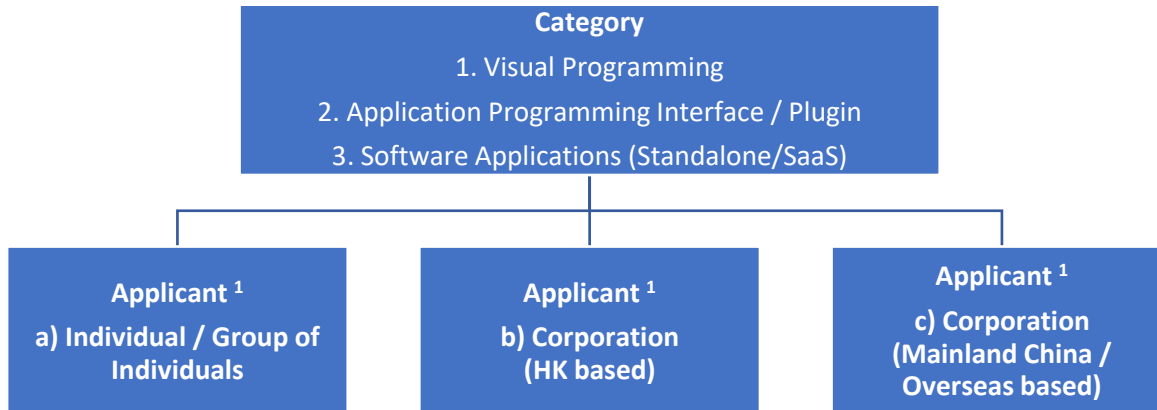
The development of technology continues to be a primary catalyst and the future trend of the world. Given that the government is further fostering BIM promotion and adoption in Hong Kong, with green financing and business support by banks and society, turning digital would be crucial in the construction industry to support sustainable development.

As HKIBIM is committed to establishing and advancing standards of building information management practice in the industry, also to foster general awareness, and making concerted efforts in the community towards the advancement, it is now making its first attempt to host an automation arena to gather talents and facilitate new development of the construction industry. BIM professionals or IT talents are welcome to submit their digital solutions which can further improve construction project management quality and effectiveness in the following aspects, including design and documentation, visualization and collaboration, and interoperability and data exchange. Winners could enjoy various media coverage offered by the organizer. Let's manifest your breakthrough and exchange ideas in BIM automation.



## CATEGORIES OF SUBMISSIONS

The arena is open for submission under the following categories.



### <sup>1</sup>DEFINITION FOR THE 3 TYPES OF APPLICANTS

#### **a) Individual Application (Applicable to Local / Overseas Applicants)**

- An individual or a group of individuals is eligible for this category
- The solution must be related to AEC industry / can be practicing in AEC industry.
- Each applicant can submit more than one application, but each solution can only submit one application.
- Individual could decide not to disclose his/her identity on the publicity materials by using anonymous, nicknames, or group names. HKBIM obtains the rights to verify the identities of the applicants in the screening procedure.

#### **b) Corporation (Hong Kong-based Firm / Hong Kong Branch / Headquarter of Multinational Corporation)**

- The key members of the project team are based in Hong Kong is eligible for this category.
- The solution's conceptual design must be done by the firm with headquarters or regional headquarters in Hong Kong.
- The solution must be related to AEC industry / can be practicing in AEC industry.
- Each firm can submit more than one application, but each solution can only submit one application.

#### **c) Corporate Firm (Mainland China / Overseas / Multinational Corporation Based)**

- The key members of the project team are based in Mainland China, Overseas, or Multinational is eligible for this category.
- The solution must be related to AEC industry / can be practicing in AEC industry.
- Each firm can submit more than one application, but each solution can only submit one application.



## **ASSESSMENT CRITERIA**

- Challenge of Achieving the Breakthrough (e.g., Amount of resource or manpower involved, complexity of project design and/or delivery) – 20%
- User Experience (UI & UX Design) – 20%
- Enhancement in Productivity – 20%
- Innovation – 10%
- Scalability – 10%
- Enhancement in Quality – 10%
- Achievement of the Breakthrough (e.g. Client's compliment, awards) – 5%
- Bonus Marks will be given to HKIBIM Member(s) in a project team – 5%

## **AWARDS**

*BIMER Master (Gold Award), BIMER Elite (Silver Award), BIMER Rising Star (Bronze Award) and BIMER Inventor (Merit) will be granted of each type of applicants*

*Best Innovation Award, Best User Experience Award and The Most Popular Award will be granted to the highest scores in respective items of the shortlisted solutions of all categories.*

*Media Publicity, Solution Showcase and Trophy will be offered to the winners.*

## **APPLICATION FEE**

**Individual Submission:** Free of Charge

**Corporation Submission:** HK\$2,000 (Non-refundable)

## **HOW TO APPLY**

**Step 1:** Please submit the online application form: <https://minerals.hk/bimarena>

**Step 2:** Applicant will automatically receive an acknowledgement email including your application number and submission portal link.

Please upload below required submission materials into online submission system **on or before 17 February 2023 (Friday) 5p.m. (HKT, UTC +8):**

## **SUBMISSION MATERIALS**

1. Executive summary of the automation developed for BIM process and its breakthrough (a maximum of 5 pages in A3 size)
2. A Video Clip to demonstrate the end-to-end automation process (no duration limitation)



3. A Completed Quantitative and Qualitative KPIs Form which indicated the comparison between the traditional workflow and the workflow with automation ([Download the KPIs Form](#))
4. Application Fee in the sum of HK\$2,000 (Applicable to Corporate Applicants only).\*

*\*Bank Transfer / Crossed Cheque payable to "THE HONG KONG INSTITUTE OF BUILDING INFORMATION MODELLING" is accepted. Click [here](#) for payment method details.*

## NOTES

- Submission can be written in English/Traditional Chinese/Simplified Chinese.
- All the materials will not be returned to the applicant after submission.
- HKIBIM reserves the right to reproduce, print and/or publish the materials submitted in either paper or electronic format, or for any use in association with this event and HKIBIM BIM Directory. Under this circumstance, the applicants should ensure that they own the intellectual property rights of the submitted materials or they are granted the licences of using the submitted materials.
- HKIBIM reserves the ultimate right to make final and binding decisions on the eligibility and award category of all applications.

## IMPORTANT DATES

**Information Day (Hybrid Mode):** 13 January 2023 (Friday)

**Submission Deadline:** 17 February 2023 (Friday) 5p.m.

**Submission Screening, Vetting and Announcement of Finalists:** Early March 2023

**Finalists' Presentation and Awards Presentation Ceremony\*:** 31 March 2023

*\*All finalists must attend Finalists' Presentation and Awards Presentation Ceremony*

## Enquiries

For enquiries, please feel free to contact our event secretariat at  
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Further details are available at the event website: <https://www.hkibim.org/index.php?bid=81>