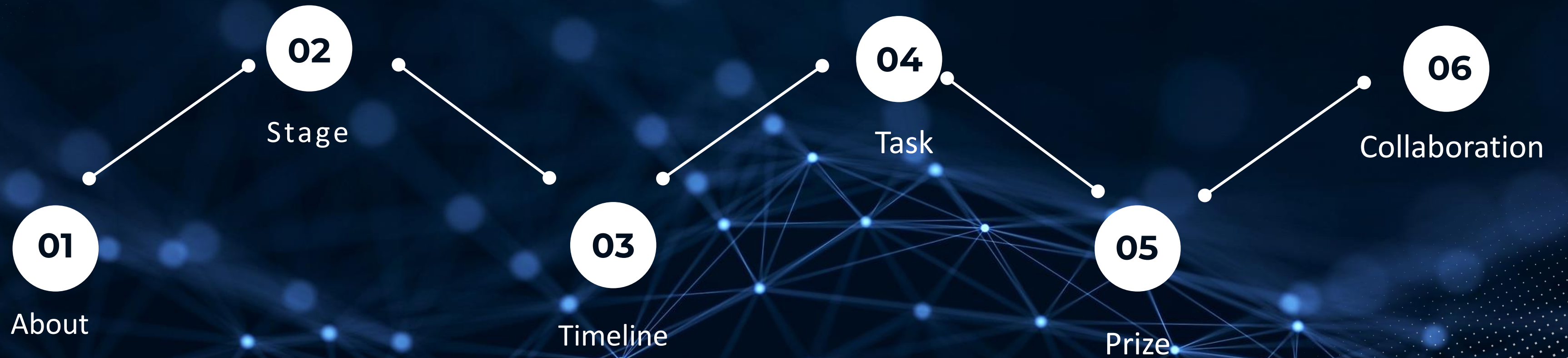


2025 GLODON BIM CONTEST

UNIVERSITY EDITION

CONTENT



GLODON BIM CONTEST 2025 (University)

This event is a key initiative by Glodon, focused on fostering and advancing the application of 5D BIM in the field of Building Information Modelling (BIM).

This international competition aims to address these issues by providing a platform to encourage practical BIM skills and innovation in architectural design. It also emphasizes fostering collaboration between local and international students while preparing them for future careers, even as they compete against one another.

PREVIOUS BIM CONTEST



STAGE

INTERNATIONAL

BIM-Based Design

- Model and drawing submission

Project Presentation & Demonstration

- Record presentation videos

LOCAL

Project Model

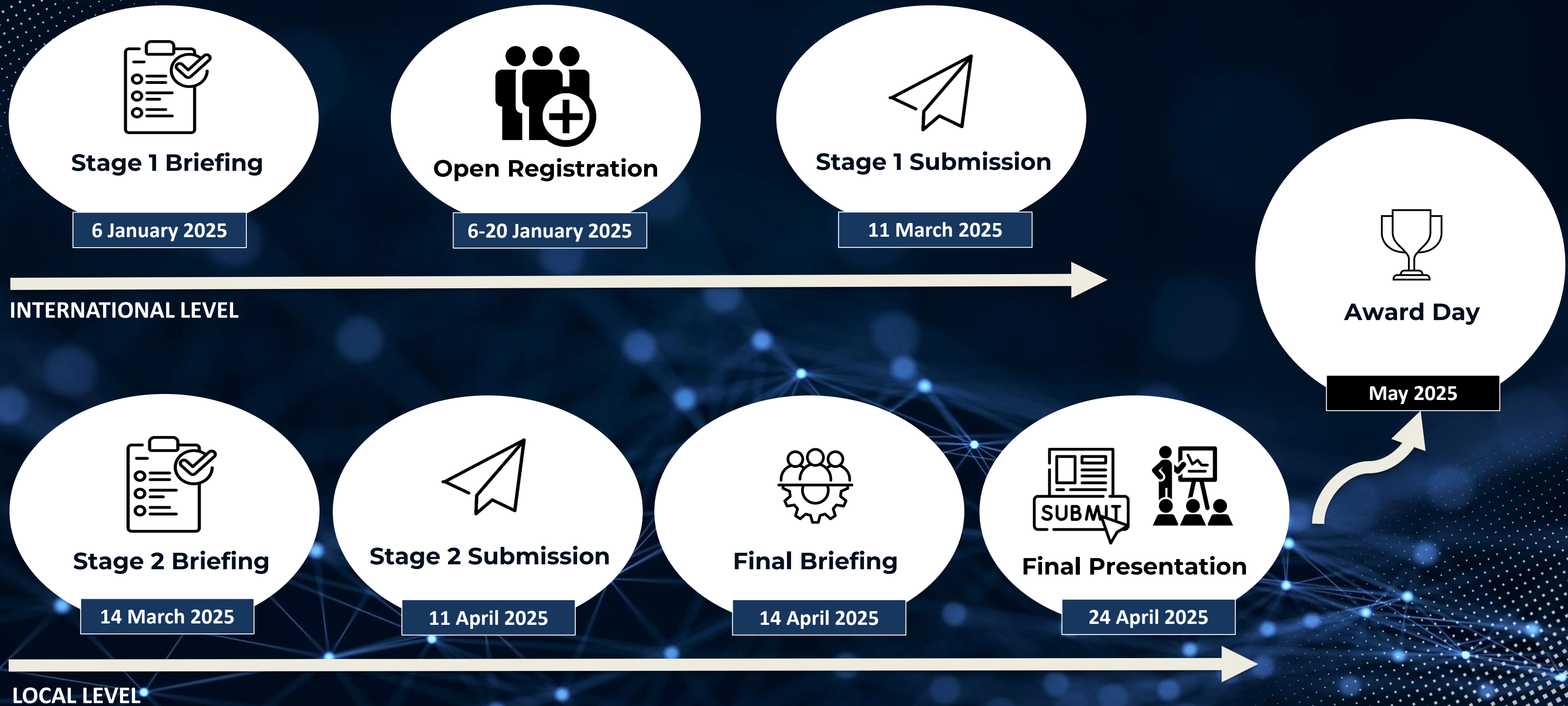
- Quantity Linking

Costing

- BQ description with cost estimation

1 ENTRY FOR 2 COMPETITIONS

TIMELINE



The contest duration is tentatively scheduled from the first week of January to the first week of May, subject to potential changes.

2025 UNIVERSITY BIM CONTEST TIMELINE



Stage 1 Briefing

Briefing on International BIM Innovation Competition

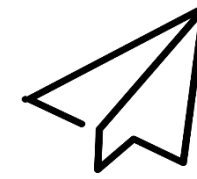
Brief universities on the competition procedure before registration.



Open Registration

International BIM Innovation Competition

Consent Form to be submitted on behalf of Malaysia



Stage 1 Submission

BIM-Based Design

Model and Drawing Submission

Project Presentation & Demonstration
Record presentation videos



Stage 2 Briefing

Briefing on Project Model & TBQ Submission

Quantity and Costing Tasks

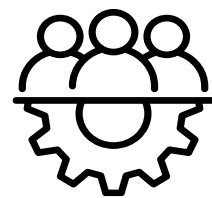


Stage 2 Submission

Project Model

Quantity Linking

Costing
BQ Description with Cost Estimation



Final Briefing

Briefing on Final Presentation

Viva Presentation



Final Submission

Model & Task Submission



Presentation & Award

VIVA Presentation

Result & Award

REQUIREMENT

1. The competition is open to universities worldwide, except those in mainland China (excluding Hong Kong, Macau, and Taiwan).
2. Each team must consist of 3-5 students and 1-2 supervising Faculty Members; Faculty Members can supervise multiple teams.
3. A non-refundable registration fee of RM50.00 per team is required.
4. Participants must strictly follow the contest timeline and meet all deadlines.
5. All submissions must be the original work of the team. Plagiarism or use of unauthorized content will lead to disqualification.
6. All submissions and presentations should be in English.
7. By entering, participants agree to abide by the competition rules and respect the decisions of the judging panel.

How to Register?

1. Go to [Glodon Teachable Platform](#).
2. Download & Fill in Consent Form.
3. Fill in Google Form.
4. Upon completing your registration,
kindly wait for the confirmation email to
verify a successful submission.

Attachment:

**The 11th International BIM Innovation Competition for
University Capstone Projects
International Institutions Participation Consent Form**

Institution Name		Country	
College Name		Team Name	
Supervisor		Academic Position	
Contact Tel		Email	

To the organising committee:

Agree to Participate.

Consent from the Faculty Management

Official Stamp:

Date:

Note: The seal must be affixed with the official stamp of the university or the relevant faculty.

TASK GUIDELINE & CRITERIA

Design Objective and Site Selection

1. Theme: *Urban and Rural Regeneration*.
2. Participants can choose any urban or rural site in need of regeneration.
3. Investigate the site to identify issues and propose strategies for improving living spaces.
4. Designs should respect the original site context while incorporating innovative ideas.

Design Tasks and Requirements

Participants will complete the project in three stages: architectural design, BIM-based design, and a final report.

Specific Conditions

1. **Design Focus:** Urban and rural living spaces.
2. **Site Selection:** Real-world locations, focusing on residential areas with supporting facilities like schools, hospitals, shops, and cultural or leisure spaces.
3. **Site Size:** At least 10,000 m².
4. **Building Count:** No restrictions.

Design Requirements

- No limits on building type or structure.
- Must follow local planning rules for height, appearance, and other factors.

BIM Models

- Design 3-5 buildings.
- Each team member is responsible for at least one building or group of buildings.
- Total BIM design area per team member: minimum 1,000 m².

TASK

Level	Task	Submission Requirements	Scoring (Pts)	Total Score	Evaluation Criteria
International	1. BIM-Based Design	<ol style="list-style-type: none"> A1-sized sheets in PDF format (no limit on number or layout). Corresponding BIM model files. <p>PDF Drawings Must Include:</p> <ul style="list-style-type: none"> Project Analysis: Site analysis, functional analysis, circulation analysis, ventilation analysis, and natural lighting analysis. Technical Drawings: Master plan (colored) and main building drawings with dimensions, scale, and essential details. Renderings: Bird's-eye and human-eye views. 	BIM Models: 15 PDF Drawings: 65	100	<ul style="list-style-type: none"> Relevance to theme Logical process and innovation Rational site and building design Quality of analyses (site, function, circulation, lighting, ventilation) Drawing standards Aesthetic quality of renderings
	2. Project Presentation	<ol style="list-style-type: none"> A presentation video (All team members to present in the video) (.mp4/.flv/.avi format). <p>Video Content:</p> <ul style="list-style-type: none"> Explanation of design concept and BIM-based process. Use video clips/screenshots to illustrate. Must feature a live presenter on screen. 	Video Presentation: 20		<ul style="list-style-type: none"> Completeness of report Logical and innovative design process Consistency and continuity between design phases Innovation in BIM modeling
Local	<ol style="list-style-type: none"> Project Model-Quantity Linking BQ Creation & Costing VIVA Presentation 	<ol style="list-style-type: none"> Import the BIM file into TAS Software. Generate Qty from TAS Software. Link TAS Qty to TBQ Software. Prepare a complete BQ with description, qty and PTE. Presentation on the whole task. 	TAS Qty Report : 20 TBQ BQ Creation: 30 TBQ BUR & Pricing: 20 Viva Presentation: 30	100	<ul style="list-style-type: none"> Accuracy Logical Comprehensiveness

Notes:

- Multiple A1 sheets must be combined into a single PDF.
- Videos should clearly outline the design concept and process.

PRIZE - LOCAL

CHAMPION



Certificate of Honour

RM 3,000 Cash

1ST RUNNER-UP



Certificate of Honour

RM 1,500 Cash

2ND RUNNER-UP



Certificate of Honour

RM 1,000 Cash

PRIZE - INTERNATIONAL

1. Teams with outstanding performance may receive free spectator slots covering round-trip airfare and hotel accommodations to attend the Building Robot Competition in China, while visa applications must be handled by the teams themselves.
2. The number of free slots will be announced by the organizing committee, and other teams can apply for self-funded spectator slots.
3. The spectating opportunity includes the Building Robot Competition as part of the innovation track of this competition.



Collaboration

Glodon Malaysia Client
(Consultant & Contractor)

1. Career Booth
2. Internship Program

Government Agency
TBC

Participating
Universities

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SOCIAL MEDIA

Glodon Malaysia



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