



THE BIM CONFERENCE

ATHENS, GREECE

2026

13 OCTOBER 2026

DIVANI CARAVEL HOTEL

PEOPLE | TECHNOLOGY | SUSTAINABILITY | A BRIGHTER TOMORROW

BI X AI X QUANTITY SURVEYING M

From Digital Models to Intelligent Cost, Value & Decision-Making



BI
INFORMATION
M



AI
INTELLIGENCE



QS
VALUE & DECISIONS

BETTER INFORMATION. HIGHER VALUE. A MORE SUSTAINABLE TOMORROW.

Asst. Prof. Ts. Sr Khoo Sui Lai

Representative, FIG Commission 10

Assistant Professor & Head of Department (Quantity Surveying)

UCSI University, Malaysia

CQS | FRICS | MIVMM



INTERNATIONAL
FEDERATION OF
SURVEYORS

G

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N 10



THE UNIVERSITY FOR A
BETTER TOMORROW

**TECHNICAL CHAMBER
OF GREECE**

Shaping a sustainable
built environment

PEOPLE
TECHNOLOGY
SUSTAINABILITY
A BRIGHTER TOMORROW

Ideas
People
Build a Better
Tomorrow

COST

VALUE

DATA

**DECISION
S**

HERITAGE | INNOVATION | A SHARED TOMORROW



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Tomorrow*

ABOUT THE SPEAKER

Asst. Prof. Ts. Sr Khoo Sui Lai

Representative, **FIG Commission 10** – Digitalisation

Assistant Professor & Head of Department (Quantity Surveying)
UCSI University, Malaysia

CQS | FRICS | FRISM | MIVMM

*Harnessing digital innovation and professional expertise
to create a more sustainable built environment.*



RESEARCH

Digital Construction
Sustainable
Development



TEACHING

Industry-Driven
Education



PROFESSIONAL ENGAGEMENT

Global Collaboration
Knowledge Exchange



IMPACT

A More Sustainable
Built Environment

FROM
KNOWLEDGE
TO A MORE
SUSTAINABLE
BUILT
ENVIRONMENT



INTERNATIONAL
FEDERATION OF SURVEYORS
COMMISSION 10

Representative – Digitalisation



UCSI UNIVERSITY, MALAYSIA

Assistant Professor &
Head of Department
(Quantity Surveying)



PROFESSIONAL ROLES

- Chair, RICS Malaysia Member Engagement Group (MEG)
- RICS Southeast Asia Regional Advisory Board
- Professional Quantity Surveyor



KEY AREAS OF EXPERTISE

- BIM and Digitalisation
- Quantity Surveying and Cost Management
- Sustainable Construction
- Built Environment Innovation



PEOPLE
IDEAS AND COMMUNITIES



TECHNOLOGY
VALUE AND INNOVATION



SUSTAINABILITY
A MORE RESILIENT TOMORROW



A BRIGHTER TOMORROW
BUILT TOGETHER



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BIM IS NO LONGER THE DESTINATION

From digital drafting to an integrated information environment, BIM is evolving from a tool **into a foundation** for a more resilient and sustainable built environment.

1990s – 2000s

2D CAD

DIGITAL DRAFTING



- Digital representation of drawings
- Limited data
- Manual coordination

2000s – 2010s

3D BIM

MODELLING



- 3D model and visualisation
- Object-based information
- Improved coordination
- Early adoption in projects

2010s – 2020s

INTEGRATED BIM

COLLABORATION



- Multi-disciplinary integration
- Common Data Environment (CDE)
- Better information management
- Growing industry adoption

2020s – TODAY

BIM AS A BASELINE

Expectation



- Standardisation and mandates
- BIM in public and major projects
- Information requirements (ISO 19650, EIR, BEP, etc.)
- Greater focus on value, cost, carbon and asset performance

2026 AND BEYOND

INTELLIGENT, DATA-DRIVEN & SUSTAINABLE BUILT ENVIRONMENT



- BIM + AI for intelligence and prediction
- Data-driven decision-making
- Lifecycle and asset value optimisation
- Lower carbon, more resilient communities
- People-centred and sustainable outcomes



Across many markets, BIM is moving beyond early adoption and increasingly becoming a baseline expectation.

The real opportunity is no longer whether to use BIM, but what we can do with the **structured information** it provides.



BETTER
INFORMATION



HIGHER
VALUE



A MORE
SUSTAINABLE
TOMORROW



PEOPLE
IDEAS AND COMMUNITIES



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BIM IS ONLY AS VALUABLE AS THE INFORMATION IT CREATES

Information management turns BIM from a digital model into real-world value for better decisions, higher value and a more sustainable built environment.

1 MODEL Digital Representation



- 3D model with rich objects
- Geometric and non-geometric data
- Common data environment (CDE)

2 INFORMATION Structured + Standardised + Connected



- Structured and standardised data
- Interoperability and open standards
- Connected across project lifecycle

3 INTELLIGENCE Analytics + AI + Prediction



- Data analytics and visualisation
- AI for insights and prediction
- Scenario and risk analysis

4 DECISION Cost + Value + Risk + Sustainability



- Evidence-based decision-making
- Optimised cost and value
- Reduced risk and uncertainty
- More sustainable outcomes

**INFORMATION
MANAGEMENT
FOUNDATION**



ISO 19650
Information Management
using BIM



EIR
Employer's Information
Requirements



AIR
Asset Information
Requirements



BEP
BIM Execution
Plan



CDE
Common Data
Environment

**DELIVERS
REAL-WORLD VALUE**



**BETTER
INFORMATION**



**HIGHER
VALUE**



**LOWER
CARBON**



**MORE RESILIENT
COMMUNITIES**



**A MORE SUSTAINABLE
BUILT ENVIRONMENT**



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WHAT BIM CHANGES FOR THE QUANTITY SURVEYOR

From manual measurement to intelligent, data-driven and value-focused decision-making.

01

TRADITIONAL QS

Drawing-based | Manual | Fragmented



2D drawings and documents



Manual measurement and QTO



Fragmented and inconsistent information



Time-consuming and prone to human error



Limited scenario analysis

02

BIM-ENABLED QS

Model-based | Integrated | Connected



Model-based quantity take-off (QTO)



Integrated and consistent information



Connected data across disciplines (CDE)



Improved accuracy and efficiency



Better costing and what-if analysis

03

INTELLIGENT QS

Data-driven | AI-assisted | Strategic



AI-assisted QTO, cost estimation and checks



Real-time data and predictive analytics



Scenario modelling and optimisation



Lifecycle cost, carbon and value analysis



Strategic advice for better project outcomes

CREATING GREATER VALUE

Beyond measurement



**HIGHER
VALUE**

Optimised cost and value



**BETTER
DECISIONS**

Data-driven and evidence-based



**MORE
SUSTAINABLE**

Lower carbon and resilient assets



**STRONGER
COLLABORATION**

Connected information and teams



**THE QS DOES NOT DISAPPEAR.
THE QS ROLE EXPANDS.**



FROM
MEASUREMENT
to INSIGHT



FROM
DATA
to ADVICE



FROM
COMPLIANCE
to VALUE CREATION



FROM
PROJECT FOCUS
to LIFECYCLE IMPACT



PEOPLE
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THE QS VALUE CHAIN IS CHANGING

FROM MEASUREMENT TO DECISION INTELLIGENCE

“With BIM and AI, the Quantity Surveyor moves from counting what we build to shaping a better, smarter and more sustainable built environment.”

1

MEASURE

Model-based quantity take-off



TRADITIONAL QS

- Manual measurement
- 2D drawings
- Time consuming
- Prone to human error

BIM / AI ENABLED QS

- Automated QTO
- 3D model-based
- Accurate and consistent
- Linked to information

2

ESTIMATE

Data-driven cost planning



TRADITIONAL QS

- Historical rates
- Manual cost build-up
- Isolated data
- Limited scenario testing

BIM / AI ENABLED QS

- Model-linked cost data
- Real-time pricing
- Parametric estimating
- Multiple scenario analysis

3

CONTROL

Real-time cost and progress intelligence



TRADITIONAL QS

- Periodic cost reports
- Manual comparisons
- Reactive approach
- Limited visibility

BIM / AI ENABLED QS

- Real-time data integration
- Cost vs progress analytics
- Early warning of risk
- Dashboard visibility

4

MANAGE VALUE

Option and scenario analysis



TRADITIONAL QS

- Single option analysis
- Cost-focused
- Limited lifecycle view
- Reactive value management

BIM / AI ENABLED QS

- What-if scenario analysis
- Whole life costing
- Value engineering
- Sustainability and carbon assessment

5

ADVISE

Strategic decision support



TRADITIONAL QS

- Cost reporting
- Project-focused
- Limited strategic input
- Reactive advice

BIM / AI ENABLED QS

- Predictive and strategic advice
- Data-driven decision support
- Risk, value and carbon insights
- Whole asset lifecycle view
- Greater stakeholder impact

A CONNECTED INFORMATION ENVIRONMENT

From model to
multi-dimensional
insights

- BIM MODEL**
(Geometry & Attributes)
- COST DATA**
(Unit rates, databases)
- SCHEDULE**
(Programme & Progress)
- RISK DATA**
(Risk registers)
- SUSTAINABILITY**
(Carbon & ESG data)



INTEGRATED BIM ENVIRONMENT
(Common Data Environment)

- QUANTITY INFORMATION**
- COST INTELLIGENCE**
- PROGRESS ANALYTICS**
- RISK INSIGHTS**
- CARBON IMPACT**
- LIFECYCLE VALUE**



GREATER VALUE FOR A BETTER TOMORROW

- Optimised cost and value
- More informed decisions
- Reduced risk and uncertainty
- Lower carbon footprint
- More sustainable assets
- Greater societal impact



BIM DOES NOT MERELY
AUTOMATE MEASUREMENT.

THE QS EVOLVES FROM COST REPORTER TO **VALUE INTELLIGENCE PARTNER.**



PEOPLE | IDEAS | IMPACT
A MORE SUSTAINABLE
BUILT ENVIRONMENT



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FROM BIM TO COST INTELLIGENCE

TURNING STRUCTURED PROJECT INFORMATION INTO BETTER COMMERCIAL DECISIONS

“Data informs.
Intelligence predicts.
Professional judgement creates value.”

1 BIM MODEL

Geometry, quantities,
classification, properties

- 3D Model (IFC)
- Quantities (QTO)
- Classification (e.g. Uniclass, OmniClass)
- Material properties
- Spatial information
- Model coordination

2 PROJECT DATA

Cost database, rates,
programme, procurement

- Cost database (unit rates, cost items)
- Market data (price indices)
- Programme (4D)
- Procurement strategy
- Contract conditions
- Historical project data

3 ANALYTICS

5D cost analysis,
trend analysis, scenario modelling

- 5D Cost Analysis (model-based estimating)
- Trend Analysis
- Variance Analysis
- Scenario Modelling (what-if)
- Sensitivity Analysis
- Cost vs Value Analysis

4 AI INTELLIGENCE

Prediction, anomaly detection,
risk signals, automated insights

- Cost prediction (machine learning)
- Anomaly detection
- Risk signals & alerts
- Automated insights
- Optimisation algorithms
- Natural language queries

5 DECISION

Cost certainty, value optimisation,
tender strategy, lifecycle decisions

- Cost certainty
- Value optimisation
- Tender strategy
- Procurement decision
- Lifecycle cost planning
- Sustainability and carbon impact

ARCHITECTURE
STRUCTURE
M&E
INFRASTRUCTURE



PREDICT
OPTIMISE
SIMULATE

DECISION DASHBOARD

Live | Insight | Better Decisions

PROJECT COST FORECAST

RM 128.5 M -6.8%

Base Estimate RM 137.9 M

Forecast RM 128.5 M



BUDGET VARIANCE



RISK ANALYSIS



OPTION COMPARISON

Option A	128.5 M
Option B	134.2 M
Option C	121.6 M

CARBON IMPACT



BIM provides
the structured information.



AI turns information
into intelligence.



The QS turns **intelligence** into
professional judgement and value.



BETTER INFORMATION
BETTER DECISIONS
A MORE SUSTAINABLE
BUILT ENVIRONMENT



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WHAT AI ADDS TO BIM

From information management to intelligence, prediction and optimisation across the project lifecycle.

AI enhances BIM by transforming structured information into actionable insights, enabling better, faster and more sustainable decisions.

01

SEE

Computer Vision



Object
recognition

Progress
monitoring

Clash
detection



- Recognise objects and components from models, drawings and site images
- Track construction progress
- Detect clashes and non-compliance

02

UNDERSTAND

Natural Language Processing



- Extract and summarise information from documents
- Identify key requirements and risks
- Support compliance checking

03

PREDICT

Machine Learning



- Predict cost, time and risk
- Forecast project performance
- Identify early warning signals
- Learn from historical project data

04

OPTIMISE

Generative & Optimisation AI



- Generate and compare alternatives
- Optimise design, cost and schedule
- Evaluate carbon and lifecycle value
- Support value engineering

05

ASSIST

Conversational AI

AI ASSISTANT FOR QS



- Summarise the tender requirements
- Estimate the preliminaries cost
- Identify key risks in the contract
- Compare alternative materials
- Generate a cost report



- Answer domain-specific questions
- Support QS workflows and reporting
- Provide instant insights from project data
- Act as a knowledge and learning tool



HUMAN IN THE LOOP

AI supports, but does not replace professional judgement.



CONTEXT

Project and local context



ETHICS

Responsible use of AI



EXPERIENCE

Professional judgement



ACCOUNTABILITY

Transparent and explainable decisions



KEY TAKEAWAYS



AI adds intelligence to BIM, not a replacement for professionals.



Enables faster, more accurate and value-focused decisions.



Supports more efficient, lower carbon and resilient built environments.



Human expertise remains essential to ensure responsible, ethical and meaningful use.



PEOPLE
IDEAS AND COMMUNITIES



TECHNOLOGY
VALUE AND INNOVATION



SUSTAINABILITY
A MORE RESILIENT TOMORROW



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AUTOMATED QUANTITY TAKE-OFF & COST PLANNING

FROM MODEL INFORMATION TO LIVE COST INTELLIGENCE

“ Same model.
Richer information.
Better decisions. ”

1 BIM MODEL RICH, STRUCTURED INFORMATION



- Walls, slabs, columns, beams
- Doors, windows, finishes
- MEP (mechanical, electrical, plumbing)
- Geometry & attributes
- Classification (e.g. Uniclass/OmniClass)
- Spatial information (levels, zones)

ONE MODEL. MULTIPLE INFORMATION.

2 RECOGNISE AI OBJECT RECOGNITION AND CLASSIFICATION



- AI detects and classifies objects
- Model and drawing interpretation
- Maps to standard classification
- Improves accuracy and consistency

3 MEASURE MODEL-BASED QUANTITIES

AUTOMATED QTO (Sample)

Element	Unit	Quantity
Concrete	m³	1,250
Wall	m²	3,420
Column	No.	86
Beam	m³	430
Slab	m³	2,800
Door	No.	120
Window	No.	210

- Automatic measurement rules
- Model-based quantity take-off
- Quantity validation and checking
- Linked to model updates

4 PRICE LINKED COST DATA

COST DATABASE

- Unit rates library
- Historical project data
- Market price data
- Cost codes (e.g. CESMM)
- Location and time adjustment
- Output to cost breakdown

5 PLAN ELEMENTAL COST PLAN

COST PLAN (Sample)

Element	Cost (RM)	%
Substructure	2,850,000	12%
Superstructure	8,960,000	38%
Architectural Works	5,420,000	23%
MEP Works	4,180,000	18%
External Works	1,250,000	5%
Preliminaries	950,000	4%
Total (RM)	23,610,000	100%

- Automatic elemental cost plan
- Cost distribution and analytics
- Benchmark comparison
- Update with model changes

6 SCENARIO / DECISION LIVE COST INTELLIGENCE

Current Estimate
RM 23.61 M
▼ -6.2%
vs. Budget

Cost / m²
RM 1,850
▼ -8.5%
vs. Benchmark

Budget Variance
-6.2%

Forecast at Completion
RM 24.10 M
+2.1%
vs. Current

Elemental Cost Breakdown



Cost Trend (RM Million)



WHAT-IF SCENARIO ANALYSIS

Option	Description	Total Cost (RM)	Difference	Key Impact
A	Standard Design	23,610,000	-	Baseline
B	Value Engineered	21,850,000	-7.5%	Optimised design
C	High Sustainability	24,980,000	+5.8%	Lower carbon, higher value

HUMAN IN THE LOOP

VALIDATE | INTERPRET | ADVISE | CREATE VALUE



- Review AI-generated quantities
- Validate cost assumptions
- Interpret cost implications
- Run alternative scenarios
- Provide professional judgement
- Support better decision making



**AUTOMATION
SPEEDS THE CALCULATION.**



**PROFESSIONAL JUDGEMENT
VALIDATES THE RESULT.**

FROM DATA
TO VALUE
FOR A MORE
SUSTAINABLE
BUILT ENVIRONMENT



HIGHER PRODUCTIVITY



BETTER COST DECISIONS



MORE SUSTAINABLE PROJECTS



GREATER SOCIETAL VALUE

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HERITAGE
INNOVATION
A SHARED TOMORROW





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AI × BIM USE CASES IN QUANTITY SURVEYING

REAL APPLICATIONS. TANGIBLE IMPACT. ACROSS THE PROJECT LIFECYCLE.

“AI is most powerful
when it solves real problems
delivered by real professionals.”

1

FEASIBILITY

Options and viability



AI-ENHANCED COST MODELLING

- Rapid estimation from conceptual models
- Benchmarking with market data
- What-if scenario analysis (e.g. site, scale, typology)



OUTCOME

Faster, more reliable
investment decisions

2

DESIGN

Cost and value optimisation



GENERATIVE DESIGN & VALUE ANALYSIS

- AI-assisted design alternatives
- Automated quantity and cost comparison
- Whole life cost and carbon analysis
- Value engineering through data insights

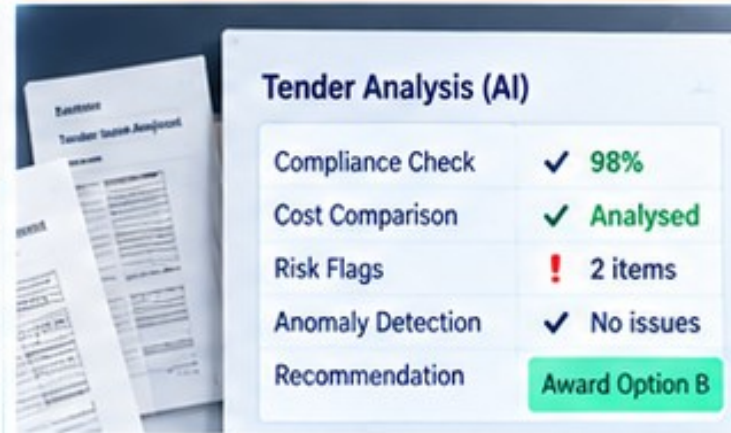


Optimised design,
higher value, lower carbon

3

PROCUREMENT

Tender preparation and evaluation



INTELLIGENT TENDER ANALYSIS

- Automated document review
- Compliance and risk checking
- Price anomaly detection
- Objective and transparent evaluation



Fairer, faster and
more transparent procurement

4

CONSTRUCTION

Cost control and risk management



REAL-TIME COST CONTROL

- Track progress from site data (IoT, drones, images)
- Compare actual vs planned cost (Earned Value)
- Predict cost and schedule risks
- Early warning and mitigation advice



Better control,
reduced risk and fewer surprises

5

OPERATION

Lifecycle value and sustainability



LIFECYCLE COST & SUSTAINABILITY

- Predictive maintenance cost
- Asset performance and renewal planning
- Carbon and ESG cost analysis
- Support data for retrofit and adaptation



Greater lifecycle value
and a more sustainable future



DATA-DRIVEN
INSIGHTS



GREATER
EFFICIENCY



BETTER
DECISIONS



MORE SUSTAINABLE
PROJECTS



HIGHER VALUE
FOR SOCIETY

*Same Model
More Possibilities*



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THE REAL BARRIERS TO INTELLIGENT QS

Technology is no longer the only challenge.

“It's not a lack of technology,
but a lack of readiness across
people, process and the industry
ecosystem.”

PROJECT INFORMATION (POTENTIAL)

3D MODEL
DOCUMENTS
COST DATA
SCHEDULE DATA
ASSET DATA
EXTERNAL DATA

1 DATA QUALITY



- Incomplete data
- Inconsistent data
- Unstructured information
- Non-standardised classifications

2 INTEROPERABILITY



- Fragmented platforms and tools
- Different file formats and data structures
- Legacy systems
- Poor data exchange across the supply chain

3 PEOPLE & SKILLS



- Limited BIM, data analytics and AI skills
- Resistance to change
- Lack of data literacy
- Shortage of multidisciplinary talent

4 TRUST & GOVERNANCE



- Explainability of AI outputs
- Cybersecurity and data privacy
- Accountability and professional liability
- Ethical and regulatory concerns

5 PROCESS & PROCUREMENT



- Fragmented workflows
- Contractual boundaries
- Unclear information requirements (EIR/AIR)
- Weak client demand and industry adoption
- Siloed working culture

INTELLIGENT QS

- ✓ Better decisions
- ✓ Higher value
- ✓ More sustainable projects
- ✓ A brighter tomorrow

FROM BARRIERS
TO OPPORTUNITIES

WHAT MUST CHANGE?



STANDARDISE DATA

Common standards, classifications and information requirements.



INTEGRATE PLATFORMS

Open standards and seamless data exchange across the project lifecycle.



UPSKILL PEOPLE

Build digital, data and AI capabilities across the industry.



GOVERN AI

Establish clear governance, ethics, security and professional accountability.



REDESIGN WORKFLOWS

Aligned contracts, collaborative processes and stronger client leadership.

The bottleneck is not the model. **It is the ecosystem around the model.**

PEOPLE
IDEAS
COLLABORATION
A BRIGHTER TOMORROW



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THE TRANSFORMATION JOURNEY

FROM TRADITIONAL TO INTELLIGENT QS

“Same profession.
Greater possibilities.
A more sustainable future.”

1

TRADITIONAL QS

MEASUREMENT SPECIALIST



- Manual measurement from 2D drawings
- Basic cost estimating
- Reactive cost control
- Limited data and fragmented information
- Focus on contractual and short-term cost

“Measuring what is built.”

2

BIM-ENABLED QS

INFORMATION MANAGER



- Model-based quantity take-off
- Integrated cost database and live model data
- Better collaboration through CDE
- Improved accuracy, transparency and traceability
- Support for whole-life cost and sustainability assessment

“Connecting models to meaningful information.”

3

INTELLIGENT QS

VALUE STRATEGIST



- AI-assisted measurement, analysis and prediction
- Scenario planning and value optimisation
- Real-time cost, risk and carbon analytics
- Strategic decision support for the entire asset lifecycle
- Delivering economic, social and environmental value

“Turning information into intelligence and better decisions.”



DRAWINGS
(2D)

LINES & DIMENSIONS



MODEL
(3D/4D/5D)

OBJECTS & ATTRIBUTES



DATA
(STRUCTURED)

INFORMATION & INSIGHTS



INTELLIGENCE
(AI & ANALYTICS)

PREDICTION & OPTIMISATION



DECISION
(STRATEGIC)

VALUE & IMPACT



OUTCOMES

- ✓ Better project outcomes
- ✓ Higher productivity
- ✓ Lower cost and risk
- ✓ More sustainable built environment
- ✓ Greater value for society



THE QS ROLE EXPANDS — FROM COST KEEPER TO VALUE STRATEGIST.



HIGHER
VALUE



STRONGER
COLLABORATION



A MORE
SUSTAINABLE
BUILT ENVIRONMENT

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BIM FOR A RESILIENT
BUILT ENVIRONMENT

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THE FUTURE QS COMPETENCY MODEL

From Cost Measurement to Data-Driven Value Leadership

“ A future-ready QS combines domain expertise, digital capability and human judgement to create greater value for a more sustainable built environment. ”



**BETTER
PROJECTS
BRIGHTER
TOMORROW**

- COST
- CARBON
- TIME
- QUALITY
- RISK
- VALUE

FROM
INFORMATION
TO INSIGHT.
FROM INSIGHT
TO A BETTER
TOMORROW.



TECHNICAL
EXPERT



INFORMATION
PROFESSIONAL



DATA
ANALYST



AI-AUGMENTED
ADVISER



VALUE
STRATEGIST



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Tomorrow*

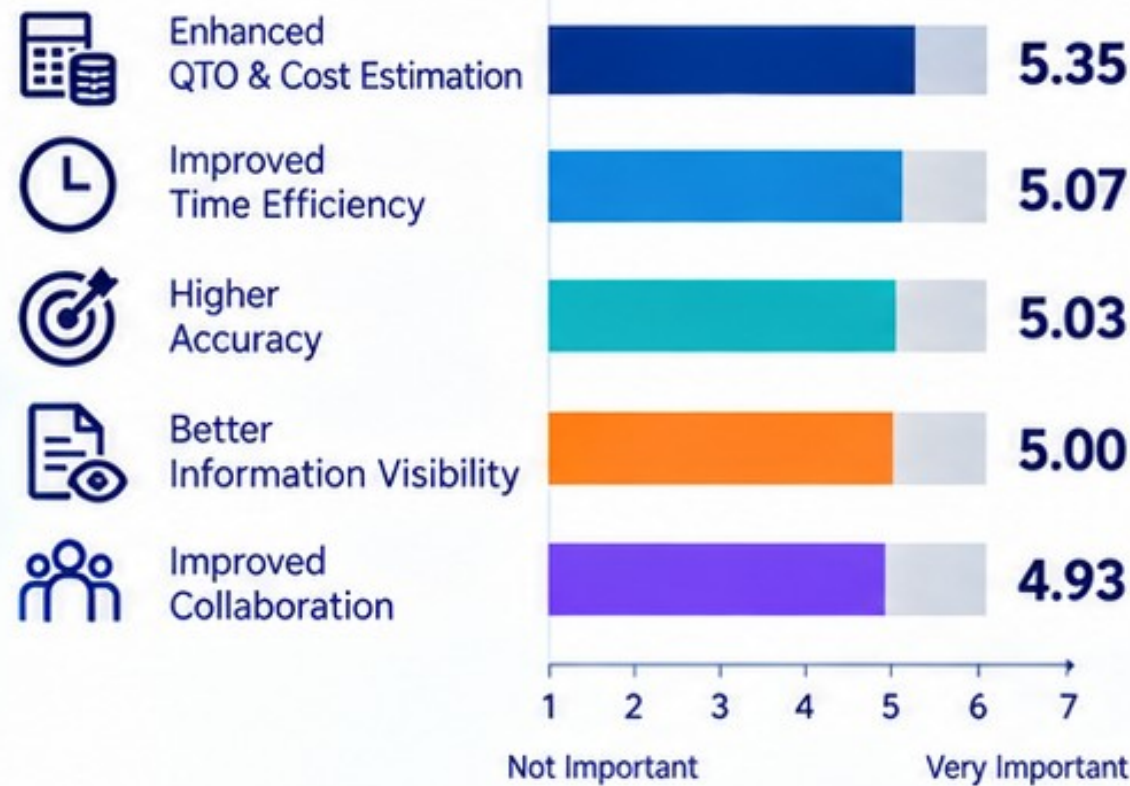
WHAT DOES THE EVIDENCE TELL US?

Insights from the PAQS study and Malaysian construction industry panel on the benefits and adoption of BIM and AI in Quantity Surveying.

1

TOP 5 DIGITALISATION BENEFITS

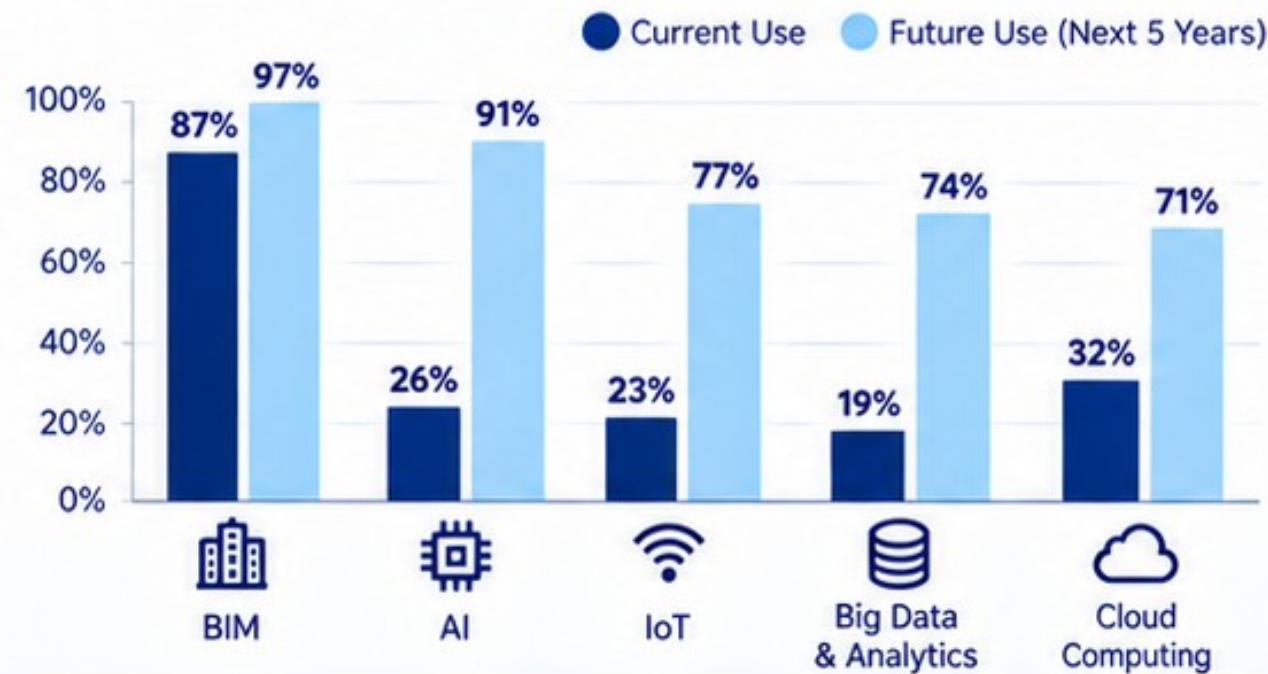
PAQS Study: Mean Score (out of 7)



2

CURRENT AND FUTURE ADOPTION

Malaysian Construction Industry Panel



BIM is the dominant technology in **current use**, while **AI** is identified as an emerging key **technology** with the **highest future adoption potential**.

3

CROSS-COUNTRY FINDING

PAQS Study



No statistically significant differences were found between the country groups for the five highlighted digitalisation benefits.

COUNTRY GROUPS INCLUDED IN THE STUDY



Brunei



China



Indonesia



Hong Kong



Malaysia



Philippines



Singapore



South Africa



KEY TAKEAWAYS



Digitalisation delivers clear benefits to the construction industry.



BIM is widely adopted, with AI showing strong growth potential.



The benefits are consistent across different country groups in the PAQS study.



BIM, AI and other digital technologies can support a more efficient, resilient and sustainable built environment.



PEOPLE
IDEAS AND COMMUNITIES



TECHNOLOGY
VALUE AND INNOVATION



SUSTAINABILITY
A MORE RESILIENT TOMORROW



A BRIGHTER TOMORROW
BUILT TOGETHER



THE BIM CONFERENCE 2026

ATHENS, GREECE

13 OCTOBER 2026 | DIVANI CARAVEL HOTEL

PEOPLE | TECHNOLOGY | SUSTAINABILITY | A BRIGHTER TOMORROW

Shaping a
sustainable
built environment

PEOPLE
TECHNOLOGY
SUSTAINABILITY
A BRIGHTER TOMORROW

*Ideas
People
Build a Better
Tomorrow*

PEOPLE
IDEAS
DATA
BUILDINGS
COMMUNITIES
A MORE
SUSTAINABLE
TOMORROW

CITIES
INFRASTRUCTURE
PEOPLE
PLANET
PROSPERITY

THE QUESTION IS NO LONGER WHETHER QS SHOULD USE BIM. WHAT WILL QS DO WITH THE INTELLIGENCE IT CREATES?

SAME PROFESSION. A WIDER HORIZON. A BRIGHTER TOMORROW.

01



**CAN WE TURN
PROJECT DATA INTO
COMMERCIAL
INTELLIGENCE?**

- Better insight
- Better decisions
- Greater value

02



**CAN AI AUGMENT —
NOT REPLACE —
PROFESSIONAL
JUDGEMENT?**

- Human expertise
- AI capability
- A stronger QS

03



**CAN QS LEAD
VALUE, RISK, CARBON &
WHOLE-LIFE
DECISIONS?**

- More sustainable assets
- More resilient communities
- A better tomorrow



MODEL

Digital representation



INFORMATION

Structured data



INTELLIGENCE

Analysis and insight



JUDGEMENT

Professional expertise



VALUE

Better assets
for a brighter tomorrow

SURVEY
MEASURE
ANALYSE
ADVISE
CREATE
TOMORROW

ATHENS
A CITY OF HERITAGE
A HUB FOR INNOVATION
A BRIGHTER TOMORROW

BIM CREATES THE INFORMATION. **AI** AMPLIFIES THE INTELLIGENCE. **THE QS** CREATES THE VALUE.

FROM DIGITAL MODEL TO INTELLIGENT COST, VALUE & DECISION-MAKING.



SUSTAINABLE
BUILT ENVIRONMENT



PEOPLE
AND COMMUNITIES



TECHNOLOGY
AND INNOVATION



A MORE RESILIENT
TOMORROW



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PEOPLE | TECHNOLOGY | SUSTAINABILITY | A BRIGHTER TOMORROW

Shaping a
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*Ideas
People
Build a Better
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A MORE
SUSTAINABLE
TOMORROW

THE FUTURE IS NOT BIM OR AI. IT IS **BIM + AI + HUMAN JUDGEMENT.**

From digital models to intelligent cost, value & decision-making.

CITIES
INFRASTRUCTURE
PEOPLE
PLANET
PROSPERITY



01

INFORMATION

BIM makes
information usable.



02

INTELLIGENCE

AI makes
insight scalable.



03

JUDGEMENT

QS makes
decisions accountable.



04

VALUE

Better built assets
for a more sustainable
tomorrow.



"Same profession.
A wider horizon.
A brighter tomorrow."

BETTER
PROJECTS
BETTER
COMMUNITIES
A BRIGHTER
TOMORROW

LET US BUILD A PROFESSION THAT DOES MORE THAN MEASURE VALUE —

IT CREATES IT.



SUSTAINABLE
BUILT ENVIRONMENT



PEOPLE
AND COMMUNITIES



TECHNOLOGY
AND INNOVATION



A MORE RESILIENT
TOMORROW



**BIM
CONFERENCE
2026**
ATHENS, GREECE

13 OCTOBER 2026

BIM FOR A RESILIENT
BUILT ENVIRONMENT

PEOPLE | TECHNOLOGY | SUSTAINABILITY | A BRIGHTER TOMORROW

Thank You



QUESTIONS



DISCUSSIONS



COLLABORATION

*Let's shape a smarter, more sustainable
built environment together.*



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