



EAST AFRICA DIGITAL CONSTRUCTION 2018

14-15 NOVEMBER 2018, NAIROBI, KENYA

ORGANIZED BY:

SUPPORTED BY:

SAIFEE



KENYA GREEN
BUILDING SOCIETY
Build Green Save Kenya

bim
INSTITUTE

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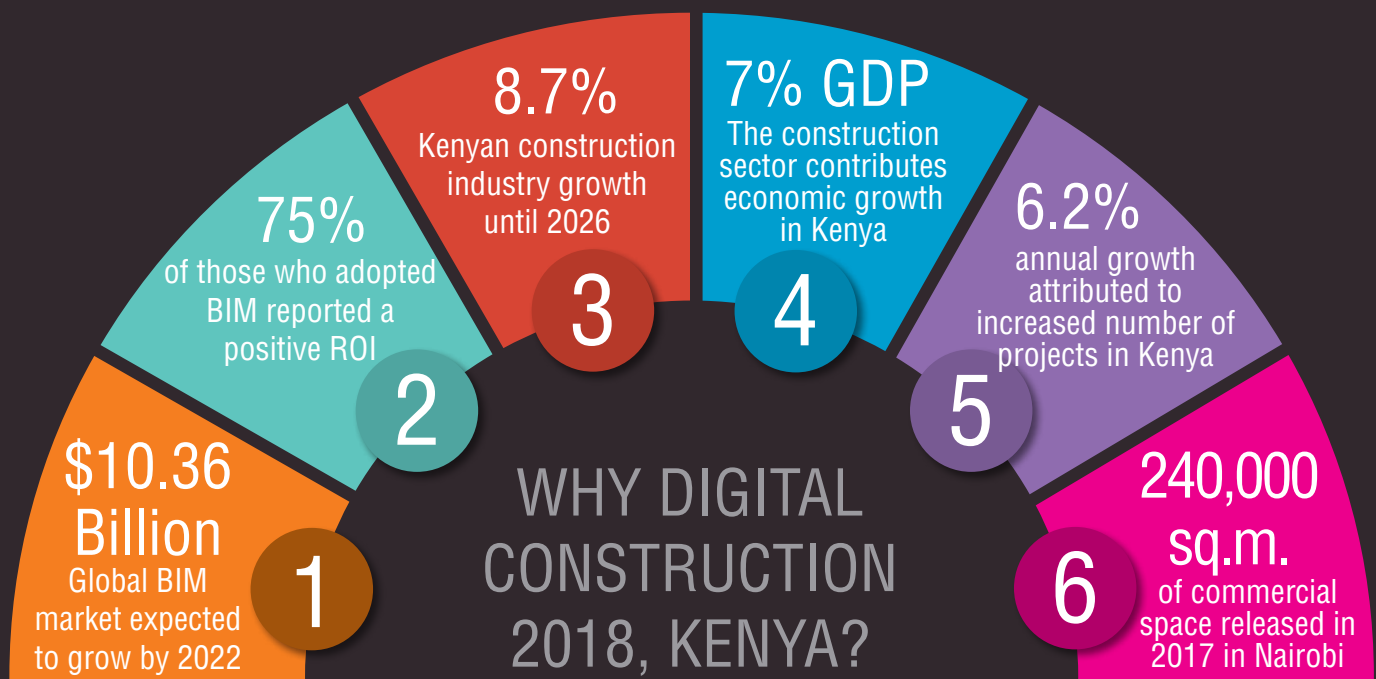
East Africa is witnessing a construction boom supported by robust Government aides and increased foreign investments.

With digital construction tools and systems such as BIM being adopted at a robust speed in the global construction market, developers in the East African region are now wanting to explore the use of BIM and have more turnkey providers to offer project visibility at lower costs with better risk management systems.

Vaughan Harris, Executive Director of the BIM Institute, South Africa says that “sustainable construction via BIM and ICT will only succeed if we work together towards a joint vision through a common plan. Doing so will allow an infrastructure and the community to enjoy the many benefits and ROI, while also including improved infrastructure and housing, safer and more predictable project delivery, a more sustainable and resilient built environment, and higher quality service delivery for end users.”

The 2-day, **East Africa: Digital Construction 2018** in Nairobi will explore BIM and ICT to discuss and debate the legacy systems that need to be replaced and implement advanced technologies & processes to develop skilled professionals for sustainable project life-cycles.

Huzefa Kathawala
Director | **Saifee Events**







MARKET VERTICALS

	Oil and Gas		Manufacturing & Engineering
Government		Hospitality/Tourism	
	Banking		Construction
Building Services		Contracting and Consulting	
	Education		Housing
Healthcare/Hospitals			

Media Partners





WHO MUST ATTEND:

- Public sector
- Architects/AEC
- Builders/Developers
- Structural and civil consultants
- Project Managers
- MEP Designers Consultants
- Facility Managers
- Planning Managers
- Procurement Managers

KEY TAKEAWAYS:

- Network with the regional and international design build professionals to learn on the possibilities of implementing BIM for smart construction.
- Head back with a renewed aim and vigour to transform the legacy systems and culture to a smart and cohesive work culture via implementing BIM
- Understand the level of skill development needed for your staff to implement new technologies
- Be aware of the impact of ICT in buildings and how Facility managers should benefit from it
- Build strong connections with global digital construction product and software providers
- Get to meet trustworthy local partners to help execute your business in Kenya

WHO SHOULD SPONSOR:

Building Information Modelling and Systems (BIM)	
	Turnkey engineering consultants
Information Communication and Technology providers	
	AutoCAD and Revit software for Architecture, MEP, Engineering
Cost management and budget system in construction	
	Big Data in construction
Building automation providers	
	HVAC systems and equipments - Heating, Air-conditioning, Temperature control and Ventilation
Renewable energy equipments	
	Plumbing products and water management systems
Fire safety modelling systems and products	

SPEAKER AND ADVISORY COMMITTEE



Vaughan Harris
Executive Director
BIM Institute, South Africa



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Head of Digital Engineering
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SPEAKER AND ADVISORY COMMITTEE



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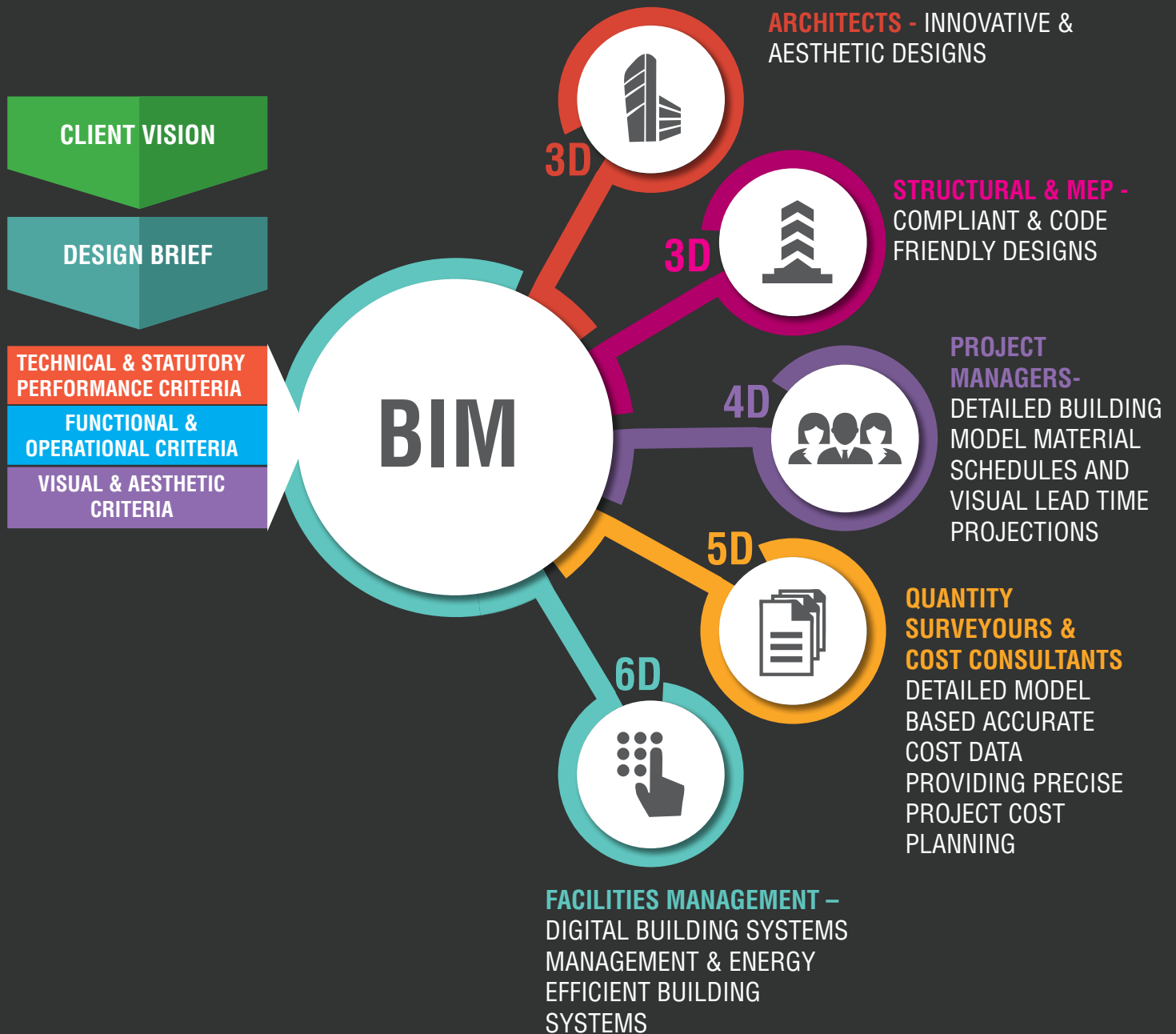
CONFERENCE CHAIRMAN



Vaughan Harris
Executive Director
BIM Institute, South Africa

“Past revolutions have helped us build infrastructures for society to function. Today, technology allows a society to function and be far more disruptive with or without an infrastructure.”

- **Vaughan Harris**, Executive Director, **BIM Institute**



KEY HIGHLIGHTS



VISIONARY KEYNOTES

Hear from the Government bodies and the regional stakeholders on their vision on implementing smart construction systems and processes to make their cities smart and sustainable.



PROOF OF CONCEPT PRESENTATIONS

BIM experts to present practical walk throughs of end to end BIM implementation to make you realise the impact, ease of use, cost effectiveness and work accuracy.



PANELS & ROUNDTABLE DISCUSSIONS

Hear the leading regional and international AEC providers engage to highlight the importance of BIM, local challenges faced to implement BIM services and focus on the need of the hour & steps to execute them.



NETWORKING OPPORTUNITIES

Get to network with your BIM peers, clients and industry leaders via the exclusive conference and exhibition networking platforms at a 5 star venue.



FOCUSED WORKSHOPS

Be part of the highly interactive and focused session on the futuristic BIM implementation, green building technologies and products. Seats are limited, so make sure you register for these sessions in advance.



PRODUCT SHOWCASE

Get an exclusive chance to demonstrate your exclusive green MEP products at the conference.

KEY SESSIONS FOR THE CONFERENCE

Sustainability as a fundamental principle in smart infrastructure development

Sustainable construction leads to new technologies, processes, and skills that requires a change in mindset to adopt and realise the positive impact it has on the overall infrastructure. Digital Construction is a base platform to propagate green and sustainable development that translates to reduced costs, better materials and better livelihood of citizens.

Proof of Concept - Building Information Modelling (BIM) for the design build team

Focus on tools and systems for each design build discipline and how to harmonise the inter team dependancy for:

- MECHANICAL, ELECTRICAL, PLUMBING (MEP) DESIGN ENGINEERS AND CONTRACTORS
- ARCHITECTS
- STRUCTURAL ENGINEERS
- QUANTITY SURVEYORS
- GREEN BUILDING CONSULTANTS
- FACILITY MANAGERS

Cost management systems and budget control - BIM as a value creator and not a cost factor

Cost management is known as a concept but not used as a system in construction projects that has lead to a culture of over budgeted projects and delays due to lack of systems to measure the budgets and timeline set and how to adhere to them. Awareness on tools and professionals to address these pain points is a requisite today.

Project lifecycle enhancement to be more cohesive in nature via smart tools

Developers are now realising the need for consultants that offer the end-to-end project lifecycle deliverables that starts from ground-breaking to building maintenance. With the realisation of the impact it has on costs, project planning and work efficiency, turnkey players are a growing trend in the region.

BigData in construction

Understanding the potential data has in construction to drive projects to be timely, cost effective and sustainable. Data now forms the lifeblood of any business line and the crux is to be able to mine and execute the inferred data. This is done via IoT applications and smart building systems. However, construction being the last to be digitally transformed, BigData has untapped potential in the region.

Building automation systems - ICT in construction

- ICT as a pillar for sustainable building maintenance and design
- Impact of digital systems such as lighting, sensors, Video systems on building maintenance, costs and quality
- Need to harmonise design team and Facility Managers for optimal ICT utilisation



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"Better Towns, Counties and Country"



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