

ORGANIZED BY:

SAIFEE



**AFRICA
DIGITAL
CONSTRUCTION**

SEPTEMBER 15-16, 2020

W E B I N A R

HOSTED BY:

Canon

EVENT SUMMARY:

Africa is witnessing a rise in using BIM and technologies in construction projects, as the need for remote collaboration, need for quick, multiple project deliveries effectively increases. The Architecture, Engineering and Construction (AEC) sector are realizing the impact Digital Transformation has on their projects and business in both the short and long term. They believe it is the Need of the Hour to be BIM compliant and utilize the right tools and systems that will lead to timely, budgeted and efficient projects – be it an individual or a conglomerate.

The 2-day **Africa Digital Construction 2020 Webinar, Hosted by Canon Central & North Africa** will enable delegates, from the comfort of their home/office to explore BIM and construction systems to implement advanced technologies in their projects.

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Supporting Association



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SPEAKERS & PANELISTS



Engr Mrs Aramide Adeyoye
Special Advisor to the
Governor
Works & Infrastructure- Lagos
State, Nigeria



Vaughan Harris
Director
BIM Institute, South Africa



George Mokhtar
Director-Technology Business
Lead
Turner & Townsend, UK



Benjamin Gossage
B2B Sales & Marketing Director
Canon Central and North
Africa, UAE



QS M. Abba Tor, FNIQS
President
Nigerian Institute of Quantity
Surveyors, Nigeria



Feleke Assefa Habite
Technology Transfer
Directorate- A/Director
Ethiopian Construction
Management Institute
(ECPMI), Ethiopia



Richard Matchett
Digital Practice Leader
Zutari, South Africa



Doaa El Sabahy
Wide Format Printing –
Product Manager
Canon Central and North
Africa, UAE

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SPEAKERS & PANELISTS



Nashon Okowa
Chairman
Association of Construction
Managers of Kenya (ACMK),
Kenya



Kayowa Ogunrinde
Country Manager - Nigeria &
Ghana
Canon Central & North Africa,
Nigeria



David Delgado Vendrell
Architect & BIM Consultant,
DDV
VP, buildingSMART- Spanish
Chapter, Spain



Marilyn Musyimi
Honorary Secretary
Architectural Association of
Kenya (AAK), Kenya



Mohamed Oulaid Mghazli
Head Energy Efficiency, Green
& Smart Building Park
IRESEN, Morocco



Chris Allen
Interim Director – Built
Environment Research Center
(BERC)
Nelson Mandela University,
South Africa



Engr Daniel Thiongo
Senior Structural Engineer –
MEA | Engineering, Design &
Project Management (EDPM)
Atkins, Kenya



Engr. Festus Ani
Head of Unit – Mechanical and
Electrical Engineering
Department
Primetech Design and
Engineering Nigeria Limited (A
whole subsidiary of Julius
Berger Nigeria Limited), Nigeria



**Arch. Anifowose Hassan
(M.E.D., MNIA)**
Co-Founder
Chronos Studeos, Nigeria



Onyema Udeze
Director
BIM Africa, Nigeria



Pietro Montani
Fellow
MyAfricanCompetition,
Morocco-Italy

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AGENDA | DAY 1

SEPTEMBER 15, 2020



STARTS: 10:00 AM TO 12:50 PM (WAT)
12:00 NOON TO 2:50 PM (EAT)

10:00 Opening Remarks from the Event Chairman

VAUGHAN HARRIS | DIRECTOR, BIM INSTITUTE,
SOUTH AFRICA

10:05 Welcome Address by Canon Central and North Africa

BENJAMIN GOSSAGE | B2B SALES & MARKETING
DIRECTOR, CANON CENTRAL AND NORTH AFRICA,
UAE

10:25 STRATEGIC PANEL | The future of Construction in Africa – Role and Impact of Technology

MODERATOR:

KAYOWA OGUNRINDE | COUNTRY MANAGER - NIGERIA
& GHANA, CANON CENTRAL & NORTH AFRICA,
NIGERIA

PANELISTS:

ENGR. MRS ARAMIDE ADEYOYE | SPECIAL ADVISOR
TO THE GOVERNOR, WORKS & INFRASTRUCTURE-
LAGOS STATE, NIGERIA

MARILYN MUSYIMI | HONORARY SECRETARY,
ARCHITECTURAL ASSOCIATION OF KENYA (AAK),
KENYA

QS MOHAMMED ABBA TOR, FNIQS | PRESIDENT,
NIGERIAN INSTITUTE OF QUANTITY SURVEYORS,
NIGERIA

NASHON OKOWA | CHAIRMAN, ASSOCIATION OF
CONSTRUCTION MANAGERS OF KENYA (ACMK),
KENYA

FELEKE ASSEFA HABITE | TECHNOLOGY TRANSFER
DIRECTORATE- A/DIRECTOR, ETHIOPIAN
CONSTRUCTION MANAGEMENT INSTITUTE (ECPMI),
ETHIOPIA

MOHAMED OULAI MGHAZLI | HEAD ENERGY
EFFICIENCY, GREEN & SMART BUILDING PARK,
IRESEN, MOROCCO

ONYEMA UDEZE | DIRECTOR, BIM AFRICA, NIGERIA

11:10 DIGITAL TWINS | The value of being fashionably late...

- Overview of thoughts and considerations when trying to realise the concept of Digital Twins or Intelligent and Sustainable places
- Prioritizing value over hype in a lagging industry.

GEORGE MOKHTAR | TECHNOLOGY BUSINESS LEAD,
TURNER & TOWNSEND, UK

11:35 BIM and Digital Twins: Explaining what these two concepts mean and how they work

- The application of BIM to the Asset Lifecycle
- The extension of BIM beyond Construction
- The birth and development of Digital Twins

RICHARD MATCHETT | DIGITAL PRACTICE LEADER,
ZUTARI, SOUTH AFRICA

12:00 GLOBAL CASE STUDY | Open standards as a reliable mean for information exchange in the Building industry

DAVID DELGADO VENDRELL | ARCHITECT & BIM
CONSULTANT, DDV | VP – BUILDINGSMART- SPANISH
CHAPTER, SPAIN

12:25 Morocco's Digital Roadmap for Construction

- Digital innovation in construction industry
- What are the opportunities and risks?
- How planning can help a Country to manage digital transformation in construction, costs, time and consequences.

PIETRO MONTANI | FELLOW,
MYAFRICANCOMPETITION, MOROCCO-ITALY

12:40 Interactive session with the Delegates – Live Q&A

12:50 Closing Remarks from the Event Chairman – End of Day 1

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AGENDA | DAY 2

SEPTEMBER 16, 2020



STARTS: 10:00 AM TO 12:45 PM (WAT)
12:00 NOON TO 2:45 PM (EAT)

10:00 Opening Remarks from the Event Chairman

VAUGHAN HARRIS | DIRECTOR, BIM INSTITUTE,
SOUTH AFRICA

10:05 SKILL-SET | The strategic importance of upskilling AEC professionals to take advantage of Technology

CHRIS ALLEN | INTERIM DIRECTOR – BUILT ENVIRONMENT RESEARCH CENTER (BERC), NELSON MANDELA UNIVERSITY, SOUTH AFRICA

10:25 Making Construction industry more Efficient and more Profitable

DOAA EL SABAHY | WIDE FORMAT PRINTING – PRODUCT MANAGER, CANON CENTRAL AND NORTH AFRICA, UAE

10:55 Securing a company's future leaders through Building Information Modelling

- Are we raising Profiles or Professionals?
- Difficulties in recruiting a talented workforce
- BIM is not a science, it's about Leadership

VAUGHAN HARRIS | DIRECTOR, BIM INSTITUTE,
SOUTH AFRICA

11:20 Application of Building Information Management (BIM) in the MEP Industry

- Overview of BIM Processes and application for the MEP industry, the journey so far and challenges limiting the implementation
- Traditional Design versus BIM based design
- BIM – the future of Engineering

ENGR. FESTUS ANI | HEAD OF UNIT – MECHANICAL AND ELECTRICAL ENGINEERING DEPARTMENT, PRIMETECH DESIGN AND ENGINEERING NIGERIA LIMITED (A WHOLE SUBSIDIARY OF JULIUS BERGER NIGERIA LIMITED)

11:45 Benefits of adopting Advanced Construction Visualization in AEC firms

ARCH. ANIFOWOSE HASSAN (M.E.D., MNIA) | CO-FOUNDER, CHRONOS STUDEOS, NIGERIA

12:10 Virtual and Augmented Reality in Digital Construction

- Digital Disruption and Evolution in the Construction Industry
- The Process, the technology and the people
- Better Together – The collaborative design platform

ENGR DANIEL THIONGO | SENIOR STRUCTURAL ENGINEER – MEA | ENGINEERING, DESIGN & PROJECT MANAGEMENT (EDPM), ATKINS, KENYA

12:35 Interactive session with the Delegates – Live Q&A

12:45 Closing Remarks from the Event Chairman – End of Webinar

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Canon Central and North Africa (CCNA) is a division within Canon Middle East FZ LLC (CME), a subsidiary of Canon Europe. The formation of CCNA in 2015 is a strategic step that aims to enhance Canon's business within the Africa region - by strengthening Canon's in-country presence and focus. CCNA also demonstrates Canon's commitment to operating closer to its customers and meeting their demands in the rapidly evolving African market. Canon has been represented in the Africa continent for more than 15 years through distributors and partners that have successfully built a solid customer base in the region. CCNA will ensure the provision of high quality, technologically advanced products that meet the requirements of Africa's rapidly evolving marketplace. With over 100 employees, it will manage sales and marketing activities across 44 countries in Africa. Canon's corporate philosophy is Kyosei – 'living and working together for the common good'. For more information, log on to: www.canon-cna.com

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