



KZN Conference ■ Trade Expo CONSTRUCTION

22 - 23 February 2017 | Durban Exhibition Centre

KWAZULU-NATAL'S LARGEST BUILDING AND CONSTRUCTION SHOW

KZN Construction Expo Knowledge Lounge Presentations: 22 February 2017

11:00 - 11:30 "Tomorrow belongs to those who prepare for it today." - Malcolm X

Whether you are a one man show or part of a large scale company, BIM is democratizing the construction industry. It's about workflows and quality information, standards and protocols, cloud collaboration and the influence of artificial intelligence - are you with us? How can we, as an industry, integrate and advance technology to work for us? Let us work smarter, not harder

Jo-Ann Hogan, Modena, South Africa



11:45 - 12:15 Integrated Cost Management Solutions for built environment

Learn about the many potential options for the eradication of waste from the cost management process such as re-works and adding value to the practice by undertaking integrated cost management methods of cost estimation enabled through BIM.

Clifford Human, Corporate Sales Manager, Construction Computer Software, South Africa



14:00 - 14:30 How do cloud solutions increase quality of communication and information flow?

Understand and improve collaboration in the workplace and learn how to build trust among all project stakeholders towards streamlining processes and capturing data.

Steven Golding, CEO, SSG Consulting-Key360, South Africa



14:45 - 15:15 The Value in 3D Scanning on Projects

By acquiring high accuracy and high precision data on projects, both indoor and outdoor, the value in recreating reality throughout the design, construct and then operate stages of any project are determined through the use of 3D laser positioning systems.

Kendall James, Region Manager, Leica Geosystems, South Africa



15:30 - 16:00 Effective use of BIM in design, analysis, simulation

Learn about the effective use of BIM in design, analysis and simulation to overcome complex design challenges, to use resources more efficiently, and to allow more rapid and informed decision making.

Senior representative, Graphisoft, South Africa



16:00 End of Knowledge Lounge presentations

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9:30 - 11:00 KZN Stakeholder Engagement Forum

Join ministers, economists, government representatives, VIP guests and C-level executives from across KwaZulu-Natal for a morning of networking and start crucial infrastructure conversations about challenges and opportunities facing KwaZulu-Natal's construction sector.

11:00 - 11:30 VIP tour of the exhibition floor

11:30 - 12:15 KwaZulu-Natal's Finance Linked Individual Subsidy Programme

Get up to date on how the Department of Human Settlements in KwaZulu-Natal is accelerating delivery of housing to achieve decent, integrated and sustainable human settlements patterns across the province.

Franceous Ogle, Senior Administrative Officer, Department of Human Settlements KwaZulu-Natal, South Africa



12:30 - 13:15 Fundamentals of Readymix Concrete 101

Learn about the difference between cement and concrete as well as the fundamentals behind readymix concrete. Workshop highlights include:

- Ordering Readymix
- Receiving Readymix
- Placing Readymix
- Testing Readymix SARMA

Graham Smith, Regional Representative, SARMA, South Africa



13:15 - 13:45 BIM for Building Owners

BuildingPoint SA represents Trimble's vertical Design-Build-Operate (DBO) market software, hardware and BIM services solutions. These include scanning devices and software for processing point cloud data and creating BIM compliant deliverables. This presentation will focus on efficient collection of as-built site data, for the purpose of facilities management, building operations and maintenance.

John Carey, Development Director, BuildingPointSA, South Africa



13:45 - 14:30 The role of the ECA as a governing body for the industry and how electrical contractors can benefit from this association

Find out more about the ECA(SA) and how it represents the interests of electrical contractors at many government and industry bodies, providing input from its members and receiving all of the latest developments first-hand.

Mark Mfikoe, National Director, Electrical Contractors Association, South Africa



14:30 - 15:15 Hot Water Provision & Sustainable Buildings

Hot Water Provision - The results of a yearlong field study of Induction Geyser vs Electrical Resistance Geyser

Sustainable buildings - Creating symbiotic relationships with the environment, Working with the environment instead of against it to ensure occupant comfort using sustainable methods.

Videsh Boodu, National President, South African Institute for Building Design, South Africa

