

<b>Tuesday 24 October: Main Conference Day</b>	
08.00	<b>Registration and networking</b>
<b>Track 1: Digital and Sustainable Delivery</b>	
<b>The Keynotes</b>	
09.30	<b>WELCOME: Conference Chairman</b> <b>Rob Jones</b> , Partner, <b>Ventures Connect</b>
09.40	<b>Keynote Panel: Giga Project Sustainability Ambition &amp; Achievability</b> Sustainability aspirations are increasing for major developers across project design, construction, procurement and operations. What is required by them to action net zero in a structured way, such as a baseline calculation and is it achievable? What tops the risk register, such as availability of supply chain data and lack of green infrastructure and how can these challenges be offset? <i>Led by:</i> <b>Hani Adnan Abdel Razeq</b> , Associate Director, <b>AESG</b> <i>In conversation with:</i> <b>Abdulaziz Al Shareef</b> , General Manager of Operations and Programs, <b>National Housing Company</b> <b>Ana Hudson</b> , Head of Sustainability, <b>SEVEN</b> <b>Maryam Telmesani</b> , Chief Sustainability Officer, <b>MBL</b> <b>Waleed AlGhamdi</b> , Director of Sustainability, <b>ROSHN Group</b>
10.10	<b>Panel: Beating the Supply Chain Crunch Through Technology</b> The speed and ambition of the region's giga projects is outpacing the market's supply of materials, human capital and general time/cost resources. To achieve Saudi's vision, all stakeholders must collaborate. The Solution: A new model that is open to cooperation. How can technology and new ways of working help beat the supply chain crunch by empowering collaboration as well as provide visibility and predictability on supply chain planning, contract management and risk? <i>Led by:</i> <b>Craig Garrett</b> , Digital Construction Manager KSA, <b>ALEC Engineering &amp; Contracting</b> <i>In conversation with:</i> <b>Khaled Gharaibeh</b> , Contracts and Commercial Director, <b>Rua Al Madinah</b> <b>Mohamed Radi</b> , VP Digital Transformation and Shared Services, <b>Shurfah Holding</b> <b>Paul Saba</b> , Corporate Business Transformation Manager, <b>Nesma &amp; Partners</b> <b>Wees Abraham</b> , VP - Operations & Strategy, <b>Shade Corporation</b>
10.40	<b>Panel: How to Drive Insight from Data Across the Business for Competitive Advantage</b> As data becomes an increasingly strategic issue for the construction and real estate sectors, organisations are dealing with increasing amounts of data – structured, unstructured, across multiple sites, silos and hybrid environments – but how can proper data strategy help reduce the chaos? This session deals with 3 key issues 1. What key data is being collected and why 2. How it is being collected and put together 3. How organisations can make sense of that data for competitive advantage, including AI and RPA powered solutions. <i>Led by:</i> <b>Rob Jones</b> , Partner, <b>Ventures Connect</b> <i>In conversation with:</i> <b>Mohamed Swidan</b> , Senior Director, Head of Middle East & North Africa, <b>Procore</b> <b>Muhammad Farrukh Munir</b> , Associate Director – IT Enterprise Architecture, <b>ROSHN Group</b>

	<p><b>Oliver Kallenborn</b>, Regional Data Analytics &amp; Assurance Director, Middle East, <b>AtkinsRéalis</b>  <b>Reda Bin Abdoun</b>, Chief Technology Officer, <b>Ajdan Real Estate Development</b>  <b>Theofanis Fanourakis</b>, Digital Services Associate Director, <b>Diriyah Company</b>  <b>Dr. Zaid Alyami</b>, Advisor, <b>Ministry of Transportation and Logistics Services</b>, Saudi Arabia</p>
11.20	<p><b>Powered by:</b></p>  <p><b>Remote Quality Management of Giga Projects</b>  <b>Sherief Elabd</b>, Director of Industry Strategy and Innovation, <b>Oracle Construction and Engineering</b></p>
11.35	Morning Networking Break
12.00	<p><b>SCAVO Update: Saudi Construction – A High Level Overview</b>  <b>Alex Dhanasiri</b>, Director, <b>SCAVO &amp; Ventures Onsite</b></p>
	<p><b>Quick Case Studies: 3D, Realistic and Immersive Reality Site Capture – High Accuracy Lidar, 360 Cameras, GIS, AI And Drones</b>  Reality site capture has rapidly accelerated as a valuable tool in quality construction, supervision, H&amp;S and asset monitoring. With advancements in photogrammetry, high accuracy Lidar, AI and virtual realities – the industry is getting close to actual real-time, reality capture with phenomenal accuracy and quality to desktop, mobile or fully immersive environments. This session reviews the current status of reality site capture through a series of 10 min. talks by real users based on giga projects, power plants and residential projects.</p>
12.05	<p><b>Use Cases of Drone Reality Capture for Jobsite Management and Facility Inspection</b>  <b>Peter Park</b>, CEO &amp; Co-founder, <b>Angelswing</b></p>
12.15	<p><b>360 Photogrammetry and AI in Site Supervision, Progress and Safety Monitoring</b>  <b>Petros Zouzoulas</b>, MEA Innovation Practice Lead, <b>Parsons</b></p>
12.25	<p><b>GIS Technology Integration in Real Estate Sector</b>  <b>Ahmed Abdelmaged</b>, Senior GIS Manager, <b>Jeddah Central Development Company</b></p>
12.35	<p><b>Taking Site Capture to the Next Level - How to Leverage AI for Automated Progress Tracking</b>  <b>Sam Badrah</b>, Director of Sales, Middle East &amp; Emerging, <b>OpenSpace</b></p>
	<p><b>Quick Case Studies: ERP and PMIS Transformation</b>  Digital transformation promises to reap benefits for organisations that can fully integrate, automate and digitalise their processes, providing end-to-end visibility and control of business and projects. This session showcases 3 recent ERP and PMIS implementations across the industry value chain with obvious project cost, time and efficiency gains.</p>
12.45	<p><b>Setting PMIS Strategy on PIF Projects</b>  <b>Siraj Maeen</b>, Digital Development Manager, <b>Rua Al Madinah Holding</b></p>
12.55	<p><b>Project Success Using PMIS in Action</b>  <b>Waleed Salaheldin Hassan</b>, Director, Projects Control, <b>AWJ Holding Company</b></p>
13.05	<p><b>Integrating a Field Management App With PMIS</b>  <b>Vitaly Berezka</b>, Regional Head Central Asia, MENA &amp; APAC, <b>PlanRadar Data-Driven Approach for the</b></p>
13.15	<p><b>Design, Construction, Handover, and Operation of Sustainable and High-Performing Assets</b>  <b>Cristina Niculescu</b>, Group Managing Director, <b>Think Project</b></p>
13.25	<p><b>Navigating the Construction Landscape with the Latest Insights from Industry Leaders</b>  <b>Madeleine Skillen</b>, Regional Marketing Manager, <b>Procore</b></p>
13.35	<p><b>Effective Construction Site Management Through a Unified Data Workflow</b>  The future of a digitised job site is connected not with a single technology that solves a specific customer task but with the synergy of digital services: laser scanning, drone survey, photo 360 and, of course, onsite BIM &amp; cloud CDE that form the digital data workflow needed for enhanced collaboration and a single source of truth creation for all construction works. Find out how.  <b>Petr Manin</b>, Regional Director MENA, <b>Signax</b></p>
13.45	<p><b>Immersive, Real-Time Collaboration on Giga Projects</b></p>

	Applying digital situation rooms based on 3D data and VR solutions for real time collaboration on Saudi giga projects. Access all project members for real-time project reviews, discussions and decision making. <b>Rune Vandli, CEO, VREX</b>
13.55	<b>Smart Design: How Technology is Shaping our Built Environment</b> <b>Prasoon Shrivastava, Founder, Prasoon Design Studio and Zepth</b>
14.05	<b>Quick Fire Speech</b> <b>Okan Kizilirmak, Regional Director, Aksa Power Generation</b>
14.10	<b>Networking Lunch</b>
	<b>Quick Case Studies: Next Level BIM</b> BIM is the key to design and construction efficiencies, but there is a lack of maturity in application that is limiting the benefits of the full data model, particularly between departments (planning, procurement, quantity, engineering and construction) and across the value chain. These short case studies showcase real examples and experiences of 4D+ projects and what needs to happen to take the next leap in schedule, cost, quantity, asset management and sustainability dimensions.
15.00	<b>Reserved</b> <b>Yahya Alghamdi, Senior BIM Specialist, Red Sea Global</b>
15.10	<b>Automated Cost and Carbon Estimating Using BIM 5D</b> <b>Tolis Chatzisyneon, CEO, Nomitech</b>
15.20	<b>BIM Practices: Sustainable Digital Production</b> <b>Mohammed Aldawood, Associate Director BIM, Red Sea Global</b>
15.30	<b>Harnessing the Full Power of BIM Across All Construction Disciplines</b> <b>Fawwaz Hammad, Technical Office Director, Al Bawani</b>
15.40	<b>Enabling BIM in Projects Controls Across the Full Value Chain</b> <b>Mohamed Samy, BIM Manager, ROSHN Group</b>
15.50	<b>Panel: Scaling Up New Modular and Precast</b> This will explore the benefits of the latest precast, module and formwork solutions in the market. As an industry, how does it embed offsite approaches at an organisational level to ensure economic feasibility and resource availability/capability? <i>Led by:</i> <b>Bandar Alkhalan, General Director, Advanced Manufacturing Technologies Institute, King Abdulaziz City for Science and Technology</b> <i>In conversation with:</i> <b>Aleksandra Popivoda, Technical Director - Building Structures Practice Lead Middle East, Mott Macdonald</b> <b>Ali Ali Shash, Professor, Architecture Engineering and Construction Management at the College of Design and Built Environment, King Fahd University of Petroleum and Minerals</b>
16.10	<b>Unlocking the Future of Construction Safety Through Technology</b> This panel of industry specialists, who are at the forefront of utilising technology to enhance safety measures on construction sites, will delve into the innovative technologies available today, and the requirements for improved support, and gain insights into how these advancements are transforming the construction industry for the better. <i>Led by:</i> <b>Phil Higgins, Director, Ventures Onsite</b> <i>In conversation with:</i> <b>Arjun Mohan, Founder and CEO, TENDERD</b> <b>Dr. Hassan Albalawi, CEO and Co-Founder, Wakecap</b> <b>Eng. Nabil Ibrahim, Project Manager, Enppi</b>
16.30	<b>How Technology Can Give You Competitive Edge in Winning New Projects</b> <b>Arjun Mohan, Founder and CEO, TENDERD</b>

16.40	<p><b>CxO Panel: Saudi Future Construction</b></p> <p>How are mega projects impacting your business – particularly around planning, resources and supply chain? What kind of technologies/new approaches/solutions will have the biggest potential of success in helping the kingdom deliver these projects? Which ones are you investing in/pursuing and what efficiencies does your business expect?</p> <p>Led by:  <b>Sherief Elabd</b>, Director of Industry Strategy and Innovation, <b>Oracle Construction and Engineering</b></p> <p>in conversation with:  <b>Yahya Alhassan Siraj</b>, Chief Partnership &amp; Real Estate Operations Officer, <b>National Housing Company</b>  <b>Majed Tamer Aljendy</b>, Vice President, PMO, <b>Saudi Binladen Group</b>  <b>Johar Gangannagari</b>, Vice President &amp; Country Head, <b>Shapoorji Pallonji</b></p>
17.10	Afternoon Networking Break
18.00	Close of Conference

	<b>24 October: Main Conference Day</b>
08.00	<b>Registration and networking</b>
	<b>Track 2: Smart Cities</b>
	<b>The Keynotes</b>
09.30	<p><b>WELCOME: Conference Chairman</b></p> <p><b>Phillip Higgins</b>, Director, <b>Ventures Onsite</b></p>
09.40	<p><b>Keynote Panel: Smart City Implementation and True Integration</b></p> <p>Implementing a fit-for-purpose smart city platform for a given project is critical if the hard work up to delivery is going to result in a fully-functioning, efficient urban area – even more so when it is a large-scale project in a desert region. The smart city platform is the central point that brings together the disparate, independent systems and silos under one platform. This panel discussion will open the floor to questions from the audience and provide expert insights to cut through the contech complexities of building and operating high-quality, digitalised smart cities in Saudi Arabia.</p> <p>Led by:  <b>Dr. Michael Marriott</b>, Infrastructure Manager, <b>KEO International Consultants</b></p> <p>In conversation with:  <b>Aref Abouzahr</b>, CEO, <b>Ark Energy</b>  <b>Eng. Fawaz Nashar</b>, Deputy Mayor for Digital Transformation, <b>Makkah Municipality</b>  <b>Ghassan Bawab</b>, Director of Smart Cities Innovation   <b>Mohammed Bin Salman City, Misk City</b>  <b>Irfan Soneji</b>, Digital &amp; Asset Information Director, <b>AMCL</b>  <b>Mohammed Shah</b>, IT &amp; Smart City Director, <b>Knowledge Economic City</b></p>
10.20	<p><b>Keynote Panel: Smart by Design - What Needs to be in Place for a True Smart City</b></p> <p>Easy to claim, but complex to achieve. Smart needs to be the ethos of a true smart, sustainable city, community or district. This means the foundations must be strong, and digitalisation as integral as the very build itself. This panel will explore smart city benchmarks and how to ensure the pieces for a smart city are in place from the concept phase, and with a roadmap through to hand over and how to deliver value at the operating stage.</p> <p>Led by:  <b>Marwan Abbas</b>, Project Director, <b>Khatib &amp; Alami</b></p> <p>In conversation with:  <b>Bandar Alshahrani</b>, Head, Digital and Innovation at PIF Projects, <b>Public Investment Fund</b>  <b>Ioannis Danikas</b>, Associate Director Smart Cities, <b>Diriyah Company</b>  <b>Mohamed Elweshahy</b>, Senior Projects Director, <b>Shomoul Holding</b>  <b>Ramez Alfayez</b>, Acting CIO and VP of Smart City, <b>KAFD</b></p>
	<b>Quick Case Studies: Smart City Digital Twin Backbones - Powering Functional Urban Efficiency</b>

10.50	<p>These quick-fire case studies look at some of the key frameworks required by smart cities to ensure that they flow and function efficiently, safeguarding data put together in one place to drive insight and value for end users and operations.</p> <p><b>Enabling Fully interoperable Urban Ecosystems</b></p>
11.05	<p><b>Dr. Richard J. Vestner</b>, Vice President, Industry Solutions, <b>Bentley Systems</b></p> <p><b>A GIS Powered City</b></p>
11.20	<p><b>Manal El Sayed</b>, VP Digital Services, <b>Khatib &amp; Alami</b></p> <p><b>A Smart City Building Block – A Real Life Digital Twin in Action</b></p> <p><b>Wissam Hijazi</b>, Senior Director Innovation MENA, <b>EllisDon</b></p>
11.35	Morning Networking Break
12.00	<p><b>Fireside Talk: Digital Identity</b></p> <p>Within an interconnected, cognitive city, digital identity becomes a critical component for organisations and people. This talk will discuss just what the growth of digital identities will mean for future authentication and security and look at the data and key technologies required for them to function efficiently.</p> <p>Led by:</p> <p><b>Phillip Higgins</b>, Director, <b>Ventures Onsite</b></p> <p>In conversation with:</p> <p><b>Sarah Al Siddiq</b>, Smart Cities Products Director, <b>Saudi Authority for Data and Artificial Intelligence</b></p>
12.10	<p>Powered by:</p> <p></p> <p><b>Panel: Benchmarks for Development: Is City Certification a Smart Investment Decision?</b></p> <p>There are various smart building and city certifications globally, each with different benefits but all leading towards greater efficiencies, lower emissions and better quality of life for residents and users of these new, smarter urban areas. Those benefits include improved policy and decision making, leading to making it easier to attract investment and manage costs and ultimately greater sustainability. This panel will explore how to start the certification journey, why embark on it, the challenges and ultimate benefits gained.</p> <p>Led by:</p> <p><b>Rahul Shah</b>, Global Director, Built Environment, <b>BSI</b></p> <p>In conversation with:</p> <p><b>Osama Touni</b>, Associate Director, Sustainability, <b>ROSHN Group</b></p> <p><b>Zakaria Osman</b>, Head of Digital Construction, <b>El Seif Engineering Contracting</b></p>
12.35	<p>Powered by:</p> <p><b>AtkinsRéalis</b></p> <p><b>Panel: The Future of Smart Asset Management: Optimizing Value Through Digitalization</b></p> <p>In today's rapidly evolving digital landscape, the convergence of design, construction, and asset management has opened up great opportunities for optimizing asset value. "The future of asset management" panel discussion embarks on an insightful journey through the realms of digital innovation, showcasing how organizations can leverage technology to unlock the full potential of their assets.</p> <p>Led by:</p> <p><b>Paul Raphael</b>, Regional Director, Strategic Advisory, Middle East, <b>AtkinsRéalis</b></p> <p>In conversation with:</p> <p><b>Min Zhong</b>, Water Information Manager, <b>ENOWA</b></p> <p><b>Sara Alqithmi</b>, Operations Platform Director, <b>KAFD</b></p> <p><b>Wees Abraham</b>, VP – Operations &amp; Strategy, <b>Shade Corporation</b></p> <p><b>Dr. Zaid Alyami</b>, Advisor, <b>Ministry of Transportation and Logistics Services</b>, Saudi Arabia</p>

13.15	<b>Quick Case Studies: The Future of Smart Water Infrastructure – A Digital Spotlight</b> <b>Design Phase Digital Twin - A Water Dictionary for the Industry</b> <i>Min Zhong, Water Information Manager, ENOWA</i>
13.30	<b>Addressing Key Water Challenges Through Digitalisation</b> <i>Slavco Velickov, Global Asset Performance Director, Bentley Systems</i>
13.45	<b>Artificial Intelligence (AI) in Civil Infrastructure, Where to Next?</b> <i>Mel Makdessi, Business Development Director   Utilities and Environment (Middle East), Jacobs</i>
14.00	Networking Lunch
15.00	<b>Panel: The Future of Smart Water Infrastructure – A Digital Spotlight</b> Water scarce countries need smart, digital approaches to treat, supply, recycle and monitor water networks and cut down on loss and wastage. Real-time, IOT-powered data analytics delivered across high-speed networks to remote devices is one future efficient use of water in the kingdom. Smart water technology embedded in buildings and networks will also improve the treatments of waste and bring greater efficiencies to water reuse. With water one of the key pillars to a smart city, this panel will discuss how smart water networks will be shaped in future urban, water-scarce landscapes. Led by: <i>Mel Makdessi, Business Development Director   Utilities and Environment (Middle East), Jacobs</i> In conversation with: <i>Representative, National Water Company</i> <i>Jaime Gonzalez Serrano, Business Development Manager Water Business, Acciona</i> <i>Dr. Khaled Bin Bandar, Water Management and Treatment Institute Sustainability and Environment, King Abdulaziz City for Science and Technology</i> <i>Lu'ay Khdeir, Regional Water Market Director Middle East, AtkinsRéalis</i>
15.30	<b>Smart Cities and More Efficient Use of Energy Resources</b> In conversation with: <i>Okan Kizilirmak, Regional Director, Aksa Power Generation</i>
15.35	<b>Quick Case Studies: Smart City Systems Powering Sustainable Cities</b> This set of quick-fire case studies break down some of the components of a smart city. Each presentation will look at the digitalisation journey, providing insights into key aspects of a smart city with tangible examples of how they operate and the benefits they bring. <b>Intelligent Traffic Management</b> <i>Ahmad Alnafessah, GM - Institute of Smart Cities Technologies, King Abdulaziz City for Science and Technology</i>
15.50	<b>Smart and Integrated Mobility Systems</b> <i>Muhammad Mustafa, Mobility &amp; Planning Regional Director, Egis</i>
16.05	<b>City-Level Energy Management Information Systems</b> <i>Aref Abouzahr, CEO, Ark Energy</i>
16.20	<b>Reshaping Urban Environments: Towards Healthier, Climate-neutral, and Wellness-Driven Cities</b> <i>Oriol Teixido, Associate Director – Air Quality and Climate Change, Ricardo</i>
16.35	<b>Fireside Talk: Connecting Siloed Data Across Departments and Asset Life Cycle</b> Even though efficiency gains are obvious, the ability to connect and share data for upstream or downstream insight across different departments and systems remains a challenge from a mindset and vendor perspective. From master planning to operations, enhancing the interconnectivity of BIM, CDEs, document control systems, BMS, CAFMs and digital twins and having a clear data strategy that aligns department objectives will be a game changer. Seizing the opportunity for collaboration and open data sharing will propel operational productivity – so what is stopping us? Led by: <i>Rob Jones, Partner, Ventures Connect</i> In conversation with: <i>Anastasios Dimas, Regional Digital Delivery Lead Middle East, AtkinsRéalis</i> <i>Arsen Safaryan, Director Information &amp; Data Management, SEVEN</i> <i>Fadi Kobersy, Head of Sales &amp; Customer Success for the MENA Region, RIB Software</i>
17.05	Afternoon Networking Break

