

**CONFERENCE PROGRAMME – SUNDAY 22 JANUARY**

18:00	Welcome Reception & Registration Venue: The Predator Tank, Two Oceans Aquarium, V&A Waterfront
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**CONFERENCE PROGRAMME – MONDAY 23 JANUARY**

**Main Conference Venue: The Graduate School of Business, Portswood Road, V&A Waterfront**

08:30-09:00	Refreshments & Late Registrations		
09:00-09:05	Welcome by Conference Organisers		
09:05-09:10	Official Opening: Professor Francis Petersen, Dean of the Faculty of Engineering and the Built Environment, University of Cape Town		
09:10-09:50	Keynote Speaker – Dr Ron Watermeyer, Director of Soderlund and Schutte, Johannesburg, South Africa <i>Title: Changing the construction procurement culture to improve project outcomes</i>		
09:50-10:00	Associate Professor Danny Then, The Hong Kong Polytechnic University, Hong Kong, China <i>Opportunities for Universities to join the CIB</i>		
10:00-10:05	Venue change allowance		
10:05-11:05	<b>Session 1a: Strategic Facilities Management</b>	<b>Session 2: Law &amp; Contract</b>	<b>Session 3a: Value Enhancement</b>
	57: <b>Virtuality – What does it mean for FM?</b> Jan Olin, Tuuli Luoma and Seppo Junnila	113: <b>Alternate dispute resolution preferences: Conflict, claims and confusion</b> Olive du Preez and Basie Verster	104: <b>Social sustainability health check: A model for integrating stakeholders' interests in evaluating and optimising social sustainability performance of construction projects</b> Essam Almahmoud and Hemanta Doloi

	<p><b>119: Facilities management alignment to business needs – An international survey</b> Danny Shiem-shin Then and C K Chau</p>	<p><b>160: Dispute resolution methods in the South African construction industry: Where to from now?</b> C Bvumbwe and Didi Thwala</p>	<p><b>164: Life cycle cost analysis under Ireland’s capital works management framework</b> Dermot Kehily and Alan Hore</p>
	<p><b>156: Total quality facilities management and innovation: A synergistic approach</b> Andrew Smith, Michael Pitt and Michael Ojelabi</p>	<p><b>54: Cultural aspects of claims management in international construction joint ventures</b> Burak Yildiz and Heyecan Giritli</p>	<p><b>34: Does facilities management meet the requirements of an academic discipline?</b> Antje Junghans and Nils Olsson</p>
11:05-11:20	Refreshments		
11:20-13:00	<b>Session 1b: Strategic Facilities Management</b>	<b>Session 4a: Inter-organisational Relations &amp; Supply Chain</b>	<b>Session 3b: Value Enhancement</b>
	<p><b>152: Strategic analysis of building portfolios: The multimap method</b> Svein Bjørberg, Anne Kathrine Larssen and Christian André Listerud</p>	<p><b>141: Preliminary review of the soft-skills essential for built environment graduate employees in the supply-chain: A case for sme contractors</b> Xolani Nghona, David Root and Luviwe Bikitsha</p>	<p><b>30: Value enhancing processes in building and real estate</b> Kirsten Arge and Hallgrim Hjelmbrække</p>
	<p><b>163: The economic case for early adoption of facilities management</b> Barry McAuley, Alan Hore, Roger West and John Wall</p>	<p><b>16: Designing and managing the strategic facilities management supply chain: Risk and the critical node operational model</b> Michael Pitt</p>	<p><b>63: Towards testing a new first-order decision-making model for the procurement of public sector major infrastructure</b> Poh Lian Teo, Adrian Bridge, Jason Gray and Steve Rowlinson</p>
	<p><b>31: The FM market in the Nordic countries in Europe - Volume, structure and trends</b> Per Anker Jensen</p>	<p><b>40: Between core and support: Defining intermediary fields for better understanding of outsourcing and FM</b> Paul Dettwiler</p>	<p><b>80: Lean procurement: The use of lean construction techniques in project value enhancement</b> Oyedolapo Ogunbiyi, Adebayo Oladapo and Jack Goulding</p>
	<p><b>99: Evaluation of integrated facility management a true value for mid- to large-organizations</b> Robert Barnes and Kathy Roper</p>	<p><b>47: Interpersonal aspects of supply chain integration in housing renovation</b> Martin Roders, Vincent Gruis and Ad Straub</p>	<p><b>98: Benchmarking and key performance indicators for the construction industry in Saudi Arabia</b> Ahmed Bannan, Abbas Elmualim and Llewellyn Tang</p>
		<p><b>88: Reorganization of sub-contractor management practices in alliance contracts</b> Nimesha Vilasini, Thomas Neitzert, James Olabode Rotimi and Abimbola Windapo</p>	

13:00-14:00	Lunch		
14:00-15:00	<b>Session 5a: Work, Worker &amp; Workplace</b>	<b>Session 4b: Inter-organisational Relations &amp; Supply Chain</b>	
	133: <b>Human in the facility management loop</b> Wim Zeiler, Rik Maaijen and Gert Boxem	132: <b>Clients and their professional advisers' roles in construction material purchasing functions</b> Don Amila Sajeevan Samarasinghe, John Tookey, James Olabode Rotimi and Abimbola Windapo	
	124: <b>Can usability evaluations drive innovation?</b> Siri Hunnes Blakstad and Geir Karsten Hansen	<b>Session 6a: Procurement</b>	
		128: <b>Determining project performance criteria and key procurement methods in Nigeria: clients' perspectives</b> Abimbola Windapo and James Rotimi	
139: <b>Analyzing the office space from a narrative perspective – A case study of an employment office</b> Kaisa Airo and Suvi Nenonen	134: <b>Facilities management of complex health buildings: V-design approach for operating theatres</b> Wim Zeiler and Frans Sauerwalt		
15:00-15:20	Refreshments		
15:20-16:40	<b>Session 5b: Work, Worker &amp; Workplace</b>	<b>Session 6b: Procurement</b>	
	39: <b>The non-territorial office debunked</b> Edward Finch	137: <b>The procurement of indigenous social housing in Australia: A project alliance approach</b> Marcus Jefferies, Steve Rowlinson and Adam Schubert	
	86: <b>Design and management of buildings as learning processes</b> Michael Fenker	144: <b>Comparison of responsibility and risk allocation in design-build contract forms of Japan and America</b> Azeanita Suratkon, Masao Ando and Yuki Yoshihara	
	29: <b>Power or Activity? Roles of individuals in relocation processes</b> Peggie Rothe and Anna-Liisa Lindholm	171: <b>Developing viable means of delivering infrastructure projects in Nigeria</b> Bankole Osita Awuzie and Peter McDermott	

		<b>42: Influence of contractors' characteristics in their bidding mark up size decision</b> Bander Nourah and Margaret Emsley	
17:00	CIB W070 and W092 Commission Meetings		

**CONFERENCE PROGRAMME – TUESDAY 24 JANUARY**

08:30-09:00	Refreshments	
09:00-09:40	Keynote Speaker – Professor Ilfryn Price, Sheffield Hallam University, Sheffield, United Kingdom <i>Title: Does FM Destroy Value? A Polemic</i>	
09:40-09:45	Venue change allowance	
09:45-10:45	<b>Session 7a: Sustainable Facilities Management</b>	<b>Session 6c: Procurement</b>
	<b>117: Adding value and sustainability by involving facility managers in design phase: A preliminary study of Norwegian pilot projects of energy efficient buildings</b> Torill Meistad and Marit Støre Valen	<b>13: Corruption in the supply chain: South African construction managers' experiences</b> Paul Bowen, Peter Edwards and Keith Cattell
	<b>135: Decision support for facilities management of the future: Sustainability Accelerator</b> Wim Zeiler, Rik Maaijen and Wim Massen	<b>64: A first stage test of Dunning's framework on multinational contracting into Australia: Reviewing secondary data</b> Azmeri Rahman, Adrian Bridge, Steve Rowlinson and Tom Kwok
	<b>14: Model for the integration of sustainability aspects in the corporate real estate portfolio management</b> Daniela Schneider and Kunibert Lennerts	<b>81: Resilience of traditional procurement approach in South African construction</b> Fidelis Emuze and John Smallwood
10:45-11:05	Refreshments	
11:05-12:25	<b>Session 7b: Sustainable Facilities Management</b>	<b>Session 6d: Procurement</b>
	<b>20: Strategic framework for building environmental performance</b> Michael Okoroh, Angela Dean and Eleni Tracadi	<b>89: Perceptions of SMEs on the use of framework agreements in the UK construction industry</b> Nicolas Quinn, Adebayo Oladapo and Champika Liyanage
	<b>35: Cultural heritage management and heritage (impact) assessments</b> Ana Tarrafa da Silva and Ana Pereira Roders	<b>108: Key constraints to improving the affordable housing delivery process in the Syrian market: The potential of procurement efficiency</b> Aseel Al Khalaf
	<b>43: Simulations of design modifications in military health facilities</b> Sarel Lavy and Christopher W. Kiss	<b>103: Public procurement limitations to integrated design approaches in social housing renovation projects</b> Tadeo Baldiri Salcedo Rahola and Ad Straub

12:15-13:00	<p>Roundtable Discussion with all delegates Chair: W070, W092 &amp; TG72 Co-ordinators <i>The Role of CIB in serving its community in a changing world</i></p>	
13:00-13:45	Lunch	
13:45-15:25	<b>Session 7c: Sustainable Facilities Management</b>	<b>Session 8a: Public Private Partnership</b>
	<p><b>45: Facility management and corporate mobility management – A case study</b> Jan-Erik Gussander, Eeva Määttänen, Riikka Kyrö, Anna-Liisa Sarasoja and Seppo Junnila</p>	<p><b>120: Analysis of critical success factors for PPP road projects in Slovenia</b> Ales Hojs, Champika Liyanage and Alenka Temeljotov-Salaj</p>
	<p><b>48: Improving eco-efficiency of the built environment - Tools for local action</b> Eeva Säynäjoki, Jukka Heinonen, Jari Rantsi and Seppo Junnila</p>	<p><b>121: A comparative study on legislations relating to public private partnerships in the UK and Slovenia</b> Matija Simončič, Alenka Temeljotov-Salaj and Champika Liyanage</p>
	<p><b>56: Recurrent embodied energy and its relationship with service life and life cycle energy: A review paper</b> Manish Dixit, Charles Culp, Sarel Lavy and Jose Fernandez-Solis</p>	<p><b>145: Performance indicators for public-private partnership (PPP) in infrastructure</b> Olaniyi Aje and Onaopepo Adeniyi</p>
	<p><b>71: Facilities managers' attitudes towards adaptation and mitigation</b> Keith Jones and Api Desai</p>	<p><b>153: External agencies for supplementing competencies in Indian urban PPP projects: A perception analysis</b> Ganesh Devkar and Satyanarayana Kalidindi</p>
	<p><b>77: A consumption based framework for city carbon management</b> Jukka Heinonen, Antti Säynäjoki and Seppo Junnila</p>	<p><b>155: Value generation and delivery in long-term service concession projects: The role of facility management in value optimisation</b> Graham Brewer, Marcus Jeffries, Thayaparan Gajendran, Denny McGeorge, Steve Rowlinson and Andrew Dainty</p>
15:25-15:45	Refreshments	
15:45-17:05	<b>Session 7d: Sustainable Facilities Management</b>	<b>Session 8b: Public Private Partnership</b>
	<p><b>82: Achieving low carbon social housing through innovation</b> Keith Jones, Apeksha Desai and Yamuna Kaluarachchi</p>	<p><b>158: Transformation in the traditional procurement route in the UK</b> Adekunle Oyegoke, Michael Dickinson, Jurbe Joseph Molwus and Peter McDermott</p>
	<p><b>26: Generating low-energy alternatives for neighbourhood-scale urban residential refurbishment through occupant involvement</b> Riikka Kyrö, Jessica Karhu, Matti Kuronen and Seppo Junnila</p>	<p><b>170: Do public private partnerships (PPP projects) provide value for money for infrastructure development in Australia?</b> Tayyab Maqsood, Malik Khalfan and Guillermo Aranda-Mena</p>

	<b>97: Urban growth in aging societies</b> David Bogataj, Alenka Temeljotov-Salaj and Boštjan Aver	<b>51: What are the benefits of standardized PPP procurement processes</b> Geert Dewulf, Colin Duffield and Mike Garvin
		<b>52: Enabling the development of PPP, from niche to maturity</b> Geert Dewulf, Ashwin Mahalingam and Stephan Jooste
17:15	CIB TG72 Commission Meeting	
19h00	Conference Dinner at the Silvertree Restaurant, Kirstenbosch Gardens <b>Note: Buses to the dinner venue leave from Portswood Road, outside the Breakwater Lodge at 18h45</b>	

**CONFERENCE PROGRAMME – WEDNESDAY 25 JANUARY**

08:30-09:00	Refreshments	
09:00-09:45	Keynote Speaker – Associate Professor Richard Calland, University of Cape Town, Cape Town, South Africa <i>Title: Incumbent Interests and accountability in the construction sector: The CoST approach to multistakeholder standard-setting</i>	
09:45-09:50	Venue change allowance	
09:50-11:00	<b>Session 9a: Case Studies in Facilities Management</b>	<b>Session 8c: Public Private Partnership</b>
	<b>21: Improving efficiency in the hospitality sector during recessional period</b> Michael Okoroh and Christine Jones	<b>66: Innovative solutions in DBFMO projects</b> Ad Straub, Robbert Hansen and Matthijs Prins
	<b>25: Buildings and property as strategic means for effective health services</b> Anne Kathrine Larssen, Svein Bjørberg and Christian Listerud	<b>67: A comparative review and evaluation of the negotiated and competitive dialogue procedures as effective procurement routes to deliver private finance initiative (PFI) projects in the United Kingdom (UK)</b> Angela Vodden and Dee Davenport
	<b>46: Evaluating the implementation of facilities management as a rural enabler: A Malaysian case study</b> Hasif Rafidee Bin Hasbollah and Edward Finch	<b>96: PPP road projects in Bangladesh: Identification and prioritisation of risks</b> Md. Abul Kalam Azad, Akintola Akintoye and Champika Liyanage
11:00-11:20	Refreshments	
11:20-12:40	<b>Session 9b: Case Studies in Facilities Management</b>	<b>Session 10a: Organisational Strategy &amp; Business Performance</b>
	<b>118: Facility management industry in developing countries - The case of Tanzania</b> Maulidi Banyani and Danny Shiem-Shin Then	<b>102: A business model for cooperative lifecycle service provision</b> Julia Selberherr and Gerhard Girmscheid
	<b>126: The architecture of healthcare services provision: A facilities management perspective</b> Igal Shohet and Sarel Lavy	<b>11: Understanding the long term success of UK construction firms: The extent and role of 'hidden' corporate social responsibility</b> Graeme Larsen, Florence Phua and Chung-Chin Kao
	<b>150 Outsourcing vs. insourcing facility management services: The practice in Uganda</b> Cathy Natukunda and Michael Pitt	<b>142: A review of small contractor sustainable growth: Implication for entrepreneurial leadership approach</b> Luwiwe Bikitsha, David Root, Xolani Nghona and Senthilkumar Venkatachalam

	<b>151: The adaptation of environmental sustainable facilities management practices in Barbados - A small island developing state</b> Diana Bryan and Michael Pitt	<b>167: Effective corporate governance: The role of corporate real estate</b> Timothy Tunde Oladokun and Bioye Tajudeen Aluko
12:40-13:40	Lunch	
13:40-15:00	<b>Session 11: Maintenance &amp; Maintainability</b>	<b>Session 10b: Organisational Strategy &amp; Business Performance</b>
	<b>28: Harmonizing maintenance budgets for built assets</b> Jens Bossmann, Carolin Bahr and Kunibert Lennerts	<b>24: Key drivers of corporate social responsibility in the construction industry</b> Michael Okoroh, Angela Dean and Beneditte Ilozor
	<b>33: Assessment of Do-it-yourself (DIY) maintenance approaches to housing in Lagos, Nigeria</b> Abisuga Olatunji, Adenuga Olumide and Farinloye Oluranti	<b>90: Corporate social responsibility in construction and engineering firms – Key elements of effective strategy</b> Florence Phua and Martin Loosemore
	<b>68: Using the factor method to get realistic service lives of applied building components</b> Ad Straub	<b>Session 12: Sustainability</b>
	<b>79: Maintenance of university facilities in developing countries</b> Kenneth Bowazi and Fanie Buys	<b>114: Contextualising the evaluation of the sustainability of low cost housing</b> Ann-Marie Ellman and Stephen Allen
15:00-15:20	Refreshments	
15:20-16:00	<b>Session 13: Operational Facilities Management</b>	
	<b>41: Introduction of space management in a hospital</b> Daniel Blöchle and Kunibert Lennerts	
	<b>60: The silent army: A story of practice</b> Nora Johanne Klungseth and Siri Hunnes Blakstad	
16:00-16:10	Closing of the conference	