



GREEN BUILDING COUNCIL  
SOUTH AFRICA

10

CONVENTION 2017 | CAPE TOWN | SOUTH AFRICA

9-11 October 2017



# DARE to LEAD

Leading Forward.



## DRAFT PROGRAMME

CPD ACCREDITATION IN PROGRESS



# MONDAY 09 OCTOBER - DAY ONE

**REGISTRATION** 11h00

**PRE-CONVENTION SATELLITE SESSION:** 13h00 – 15h30

**Policy & Innovation: The Future of South African Cities**

**DR GECI KARURI-SEBINA**

Executive Manager, Programmes, SA Cities Network

**CHANTAL RAMCHARAN-KOTZE**

Business Strategy & Partnership Development, Water Research Commission

**SIKHUMBUZO HLONGWANE**

Executive Director, Economic Development & Planning, KwaDukuza Municipality

**PORTIA TAU-SEKATI**

CEO, Property Charter Council

**DR. MEGGAN SPIRES**

Senior Manager, Climate Change, Energy & Resilience, ICLEI-Africa

**CECILIA KINUTHIA-NJENGA**

Head, Sub-Regional Office & Regional Programme Co-Ordinator, Southern Africa, United Nations Environment Programme

**OPENING PLENARY: THE CONTEXT** 16h30 – 18h00

**DORAH MODISE**

CEO, Green Building Council South Africa

Opening Remarks

**RUDOLF PIENAAR**

Chairman, Green Building Council South Africa

Chairmans Welcome

➤ **LEE SIANG TAI**

Chairman, World Green Building Council, Singapore

Global Green Building Trends and the Evolution of GBCs Around the World

➤ **FRED KENT**

Founder, Project for Public Spaces, USA

Revitalising City Spaces: Livability, Smart Growth and the Future of the City

**NETWORKING COCKTAIL** 18h00 – 22h00

➤ = Keynote speaker

**SONWABISE SIFO AND LINCI ABRAHAMS**

Yoga Teachers and AYP graduates, Africa Yoga Project  
Convention Yoga

**WERNER VAN ANTWERPEN**

Head of Sustainability & Utilities, Growthpoint Properties  
The Property Portfolio of the Future

**PATRICIA DE LILLE**

Executive Mayor, City of Cape Town  
Welcome Remarks

➤ **PROF VIVIAN LOFTNESS**

Professor of Architecture, Carnegie Mellon University, School of Architecture, USA  
Design for Sustainability: Latest Global Research and Thinking

**VINCENT TRUTER**

Creative Director and Curator, Orlando  
Healing Spaces: Wayfinding and Experience Design that Promotes Wellbeing in the  
Nelson Mandela Children's Hospital

**DR. ANNEMARIE LOMBARD**

Founder and CEO, Sensory intelligence  
Sensory Intelligence and Workplace Psychoacoustics

**LAUREN KRUGER**

Concept Developer, Ecophon Saint-Gobain

➤ **DR NIGEL OSELAND**

Workplace Strategist and Change Manager, Workplaces Unlimited, United Kingdom  
Designing Workplaces that Promote Health, Wellbeing and Performance:  
a Psychologists Perspective

**GARETH REES**

Head of Global Partnerships, IoT.nxt  
The Internet of Things and Making Public Transport Work in the World's Emerging Cities

**MIKE ALDOUS**

Associate, Green Building and Sustainability Services and African BIM Champion, Mott MacDonald  
Future Technology and the Impact on the South African Construction Industry

**CYRIL ATTWELL**

Researcher and Director, ARC projects  
Technology and Materials: Grey to Green - Past, Present and Future

➤ = Keynote speaker



# TUESDAY 10 OCTOBER - DAY TWO

## MORNING REFRESHMENT BREAK

11H30 – 12H15

BRAINWAVE STAGE

### WANGARI MUCHIRI

Board Member, Kenya Green Building Society

The Challenges of Developing a NetZero Energy Building and Possible Solutions and Drivers for this in Africa

### SHILPI JAIN

Engineer, NAKO ILISO

Emergency and Innovative Services Supply to Rural Areas

### DOM WILLS

CEO, SOLA Future Energy

Future Buildings as Mini Utilities: The Disruptive Potential of Off-Grid Systems

## PLENARY 3: POLICY & INNOVATION

12H15 – 14H00

### SONWABISE SIFO AND LINCI ABRAHAMS

Yoga Teachers and AYP graduates, Africa Yoga Project

Convention Yoga

### > PROF EDGAR PIETERSE

Director, African Centre for Cities, UCT South African Research Chair in Urban Policy & Director, African Centre for Cities, South Africa

Major Challenges for South African Cities

### ROB MACGAFFIN

Member of the UCT Nedbank Urban Real Estate Research Unit, Department of Construction Economics and Management at UCT

Economic Drivers for New Development in the City

### BRETT HERRON

MMC for Transport and Urban Development, City of Cape Town

How Policy Shapes our Cities

### JODI ALLEMEIER

Programme Lead, Western Cape Economic Development Partnership

The Role of Citizen Action Groups in Building More Sustainable Cities

### DR GECI KARURI-SEBINA

Executive Manager, Programmes, SA Cities Network

How Innovation in Planning can Address the Challenges in SA Cities

### DEBATE:

Economics and Citizens: Designing for Social Equity and Cultural Richness

> = Keynote speaker

# TUESDAY 10 OCTOBER - DAY TWO

## LUNCH BREAK

14h00 – 15h15

### BRAINWAVE STAGE

#### MARY HAW

Principal Professional Officer: Renewable Energy & Energy Efficiency, City of Cape Town  
Driving the Charge: The Impact of Electric Vehicle Charging on Buildings' Energy Consumption

#### RICHARD RUSSELL

Cost Consultant, MLC Quantity Surveyors  
Green Development: The New Era

#### BELGOTEX FLOORS

Sustainable Manufacturing: A Case Study

#### GARY ARENSON

Physiotherapist, Chair Designer and MD, Ergotherapy Solutions  
Ergonomic Washing

## SECTOR SPECIFIC PARALLEL SESSIONS

15h15 – 16h45

### COMMERCIAL

### PUBLIC SECTOR

### RESIDENTIAL

#### WOOLWORTHS HOLDINGS LIMITED

Managing and Operating Greener,  
More Efficient Spaces: The Woolworths  
Palmyra Junction Retail Case Study

#### PROF FRANCOIS VIRULY

Associate Professor, Department  
of Construction Economics and  
Management, University of Cape Town  
How Proximity to Public Transport  
Nodes Affects Property Prices in  
South African Cities

#### GARETH EARLE GATES

Mechanical Manager, V&A Waterfront  
Innovation in Green Technology:  
A Business Case

#### KHIYAM FREDERICKS

National Technical Manager, Old  
Mutual Property  
The Mutual Park Existing Building  
Performance Rating: A Case Study

#### CEDRIC FOURNIER & PRASCILLA NTHAI

University of Cape Town Property  
Studies Graduates  
2016 Greenovate Winning Project: The  
Perceptions of Occupants in Office  
Buildings containing Green Building  
Features and Green Initiatives: An  
Investigation

#### DR. EEN GREYLING

Senior Project Manager, Eastern Cape  
Department of Public Works  
Case Study: National English  
Literature Museum

#### MFUNDO XULU

PMTE – Facilities Management, Green  
Building Unit, National Department of  
Public Works  
Case Study: Agrivaal

#### ADV. GAVIN KODE

Deputy Director Provincial Public  
Works, Western Cape Department of  
Public Works  
Case Study: Karl Bremmer &  
Khayelitsha Shared Services

#### OLIVER CHIMUSORO

Chief Engineer: Research and Green  
Technology Gauteng Department of  
Infrastructure Development  
Case Study: Green Schools  
and Hospitals

#### DAVID GARDNER

Consultant and Social Entrepreneur,  
Wakabiki Consulting and TUHF  
Innovation in the Affordable Housing  
Space

#### LEANNE GOVENDER

Sales Manager,  
Affordable Housing Division Nedbank  
Corporate and Investment Banking  
(NCIB) Property Finance  
Case Study: Nedbank Social Housing

#### JOHN SCHOOLING

CEO, Stag Holdings  
The Use of Alternative Building  
Technology in Construction

#### SANDRA GORDON

Research & Market Analyst,  
Pam Golding Properties (PTY) LTD  
The Value of Green Homes as well as  
Usage and Attitudes in the Residential  
Space

**PANEL DISCUSSION:**

Government Taking the Lead

Facilitator, **Mashilo Pitjeng**,

CEO, TseboReal Asset Managers

**GALA AWARDS DINNER****18h30 – 00h00****WEDNESDAY 11 OCTOBER - DAY THREE****PLENARY 4: RE-THINKING THE CONCEPTS****09h30 – 11h40****SONWABISE SIFO AND LINCI ABRAHAMS**

Yoga Teachers and AYP graduates, Africa Yoga Project

Convention Yoga

**> LANCE HOSEY**

Architect &amp; Author, Design Excellence Program Lead at Harley Ellis Devereaux (HED), USA

Redesigning Design

**DR PABLO VAN DER LUGT**

Head of Sustainability, MOSO International &amp; Accsys Technologies, Lecturer at DELFT University, Netherlands

Required Transition Towards Bio-Based Economy – A Case for Engineered Bamboo

**> KEVIN JAMES**

CEO, GCX

Responsible Investment

**> ANTONY SPRIGG**

CEO, The Infrastructure Sustainability Council of Australia

How to Make South Africa's Transport &amp; Utility Infrastructure Resilient and Sustainable: A Case for Community, Environment and Economy

**BRUNCH****11h40 – 12h45****BRAINWAVE STAGE****HENNIE BOTES**

CEO, Moladi Construction Systems

Sustainable Affordable Housing

**LIESEL BEIRES**

Macro Energy Economist, CSIR

NETFIT - An Innovative Feed in Tariff to Stimulate Rooftop PV Uptake



# WEDNESDAY 11 OCTOBER

## MARLOES REININK

GreenED, Solid Green Consulting

Knowledge with a Click: The Future of Online Green Education

## MICHELLE LUDWIG

Founding Director, LDC

### CLOSING PLENARY: DARE TO LEAD

12h45 – 15h00

## SONWABISE SIFO AND LINCI ABRAHAMS

Yoga Teachers and AYP graduates, Africa Yoga Project

Convention Yoga

### > JASON DREW

Author and Founder of Agriprotein, South Africa

The Business of Fixing our Future: From Industrial Revolution to Sustainability Revolution

### > CLLR. PARKS TAU

President, South African Local Government Association (SALGA)

Future Cities – Today

### > PROF MARK SWILLING

Distinguished Professor and Programme Coordinator: Sustainable Development in the School of Public Leadership, University of Stellenbosch and Academic Director of the Sustainability Institute, South Africa

City-wide Urban Infrastructure and Metabolism

## MUDDY RAMRAKHA

Member of the Board for Africa Yoga Project & Kenya Green Building Society

Link between Socioeconomic and Environmental Sustainability

## DORAH MODISE

CEO, Green Building Council South Africa

Closing Remarks and Launch of 2018 Convention

### STUDENT MINI-CONVENTION OPEN TO STUDENTS ONLY

15h30 – 18h00

\*Separate registration applies

## LANCE HOSEY

Architect & Author, Design Excellence Program Lead at Harley Ellis Devereaux (HED) USA

Slouching Towards Consilience

## MUDDY RAMRAKHA

Member of the Board for Africa Yoga Project & Kenya Green Building Society

The Green Building Movement in East Africa

## REMY KLOOS

Sustainability Manager, Growthpoint Properties

Case Study

## VERE SHABA

Mechanical Engineer and founder, Shaba & Ramplin Green Building Solutions

Becoming an Independent Sustainability Consultant: A Personal Journey

## MANFRED BRAUNE

Chief Technical Officer, Green Building Council South Africa

What the Future Holds for the Green Building Council South Africa

> = Keynote speaker

# TOURS AND WORKSHOPS

Separate registration fees apply, visit the Convention website for more information

## THURSDAY 12 OCTOBER 2017

### TOUR:

>Silo Precinct Tour hosted by Arup

14h00

### WORKSHOPS:

>Green Star Sustainable Precincts Accredited Professional Workshop  
>Infrastructure Sustainability International Workshop –  
a First for Southern Africa

08h30-12h30

13h30-17h00

## FRIDAY 13 OCTOBER 2017

### TOURS:

>Residential Tour Day

08h00-14h00

>Tour of The Market Gardens of Lentegour Psychiatric Hospital,  
Mitchell's Plain, Cape Town

09h00-13h00

>Extracting Maximum Value From Builders' Rubble: A Tour

14h00

### WORKSHOPS:

>Net Zero and Regenerative Design

08h30-15h00







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## CONTACT

Registration: [gbsa@idna.co.za](mailto:gbsa@idna.co.za)

Contact Centre: 0 (+27) 87 985 0499

[gbsaconvention.org.za](http://gbsaconvention.org.za)