



INSTITUTION OF
SURVEYORS OF KENYA



FUTURE PROOF

The 4th ISK Regional Conference

THEME: The Land & Property Sector: Advancing Africa's Sustainable Development



13th-15th
November 2019

**@ Raddison Blu Hotel,
Nairobi, Kenya**

PARTNERS:

- Ministry of Lands and Physical Planning
- Regional Centre for Mapping of For Development
- International Federation of Surveyors (FIG)
- UN Habitat - GLTN



About Kenya

Kenya is a Country within the East Africa Region with an area of 582,646km² within an estimated population of 50 million persons. Population growth rate stands at 2.5% with the Country's GDP is estimated at US\$ 87.58 billion with FDI estimated at over US\$ 394 million. The GDP growth rate for the 2018 was estimated at 5.83%. The Country's import volume stood at US\$ 14.3 billion and Exports Volume US\$ 5.8 billion. The Country has huge opportunities for investment across major sectors including Real Estate, Tourism and Agriculture.

Land & Property in Africa

Land in Africa lies at the heart of social, political and economic life in most of Africa, where agriculture, natural resources and other land-based activities are fundamental to livelihoods, food security, incomes and employment. It is estimated that continent has an area of about 30 million km² (20% of the earth surface) and about 800 million inhabitants, Africa is the second largest and most populous continent after Asia

Most land rights in sub-Saharan Africa have not been adjudicated since the land was reverted back from colonial masters. Majority of the Countries within the region are implementing land reforms aimed at fast tracking adjudication process so that the communities can explore land based opportunities to alleviate poverty through investment in Land. Most Governments are increasingly seeing the need to assist the population easily access land for developers and this has opened opportunities for investors from around the globe.

In 2016 for instance, the UK-based emerging markets specialist Actis raised US\$500 million for its third African property fund, Actis Africa Real Estate Fund 3. This is the largest amount that has ever been raised for a private real estate fund focused on Sub-Saharan Africa outside South Africa, and it included a commitment from the Government of Singapore Investment Corporation (GIC). Over the years, other real estate investment vehicles to have been launched in the last two years include a pan-African joint venture created by Growthpoint and Investec, which has the target of raising US\$500 million. Momentum Global Investment Management and Eris Property Group have also formed a joint venture, the US\$250 million Momentum Africa Real Estate Fund, which has allocated capital to development projects in Ghana and Nigeria.

The aforementioned trend highlights the growing interest within the region as an emerging investment destination in property sector.

Land & property in Kenya

Land and Property Sector in Kenya has grown significantly over the last decade. Its contribution to Country's GDP is approximately of 13.8% and has grown significantly. The growth is driven by; Infrastructural developments such as improved roads, utility connections, upgrade of key airports; Stable GDP growth which has averaged at 5.4% over the last 5 years against a Sub-Saharan average of 4.1%; Demographic trends such as rapid urbanization at 4.4% p.a against the world's 2.5% and population growth averaging at 2.6% p.a; and High total returns averaging at 25.0% against 12.4% in the traditional asset classes.

The sector is poised to expand in the near future with increased foreign investment mainly in the commercial (office and Retail), hospitality and Residential Developments.

About ISK on its mandate on land & property

ISK brings together all the professionals involved in the land and property development in Kenya. The experts have requisite information and experience in the sector and continuous lobby for favourable environment for the sector to thrive.

About the 4th ISK Regional Conference themed; Land and Property; Advancing Africa Sustainable Development.

The ISK Regional Conference is an annual event organized by the Institution of Surveyors of Kenya which is the professional body for landed professionals in Kenya. The Institution has about 4,000



members organized into eight major disciplines namely: Land Surveying, Building Surveying, Engineering Surveying, Land Administration Managers, Geospatial Information Management, Valuation Surveyors, Property Managers and Real Estate Surveyors Chapters.

This is the 4th Regional Conference that brings together senior Government officials, property developers, academia and other stakeholders in various disciplines such as Valuers, Property Managers, Land Administrative Managers, Building Surveyors, Land Surveyors, GIS experts and Engineering Surveyors across African region as well as from the international community.

“The theme for the conference is “The Land and Property Sector: Advancing Sustainable Development in Africa”

The three day conference will present a unique opportunity for African Countries to discuss issues and challenges within the surveying profession and this will therefore be insightful, futuristic and will shed light on key areas of concern. The Conference will attract more than 400 participants with over 20 African countries being represented, making it a great avenue to network with the key industry players and fellow peers. Some of the tangible outcome being knowledge sharing, investment opportunities as well as high level networking with business leads.

Some of the notable topics to be discussed are as follows;

- a) Land Governance and Sustainable Development
- b) Changing Landscape of Surveying Technology
- c) Contemporary Land Administration Processes
- d) Real Estate and Property Valuation in Africa
- e) Unlocking New Frontiers in Real Estate Investments
- f) Asset, Property and Facilities Management in the Region
- g) Contemporary issues in Surveying
- h) Decentralization of Land Administration
- i) National Land Policy; Contributions to Sustainable Land Management

Technical and Educational Tour

On the third day of the event, guests will be treated to a technical and educational tour to KenGen Olkaria Geothermal Project which is situated within Hell's

Gate National Park, 120KM from Nairobi and neighbours horticultural farms that produce some of the inest flowers in the world. The project is also adjacent to Lake Naivasha, which is a fresh water lake in the Kenya ift and a Ramsar site.

Geothermal Phenomenon

Geothermal energy is the natural heat stored within the earth's crust. The energy is manifested on the earth's surface in the form of fumaroles, hot springs and hot-altered grounds. To extract this energy, wells are drilled to tap steam and water at high temperatures (250-350oC) and pressures (600-1200 PSI) at depths of 1-3KM. For electricity generation, the steam is piped to a turbine, which rotates a generator to produce electrical energy.

Geothermal Development in Kenya

Exploration for geothermal resources in Kenya started in 1950's and gained momentum in the 1960's, when two wells were drilled at Olkaria. From 1967, the United Nations Development Programme (UNDP) in collaboration with the Kenya Government and the then East African Power and Lighting Company Ltd., conducted geological and geophysical surveys in the area between Lake Bogoria and Olkaria. The studies identified Olkaria as the most prospective area leading to the construction of the first geothermal power station between 1981 and 1984.

Olkaria Geothermal System

The heat source of the geothermal system at Olkaria is due to intrusion of hot magma bodies to depths of less than 6 KM from the surface. Parts of the magma extruded to the surface to form the numerous hills and dome that dot the Olkaria landscape. The Ololbutot lava erupted about 200 years ago attesting to the youthfulness of the volcanic activity at Olkaria. The geothermal system at Olkaria consists of a two-phase reservoir that is hosted within 0.9-1.65 million-year old fractured trachyte and rhyolite rocks at depths of between 600M and 3000M. At the Olkaria East, Olkaria Domes field and Olkaria North East Geothermal fields, wells with a nominal diameter of 8 inches are drilled into the reservoir and the upper 700M-1200M cased off to avoid cold fluid inflow into the bore. The wells produce 75% water and 25% steam. Separation of steam is done using cyclone separators from where dry steam is piped to the powerhouse and separated water injected back into the reservoir.





**INSTITUTION OF
SURVEYORS OF KENYA**

2019 ISK Regional Conference

The Land and Property Sector: Advancing Africa's Sustainable Development

Venue: Raddison Blu Hotel, Nairobi

Day I: Wednesday, 13th November 2019

8.00 – 9:00 am Opening Session	Arrival and Registration
9.00 - 10.30am:	Moderator: Julie Gichuru or Sheila Mwanyiga or Johnson Mwakazi
Introductions:	Rose Mwaura, ISK CEO (Highlight of the previous conference, expectations and outcome)
Welcome Remarks:	Mr. Abraham Samoei, ISK President Future of Land Profession on Advancing Sustainable Development
Remarks by Industry Captain:	Dr. Anthony Omerikwa, Managing Trustee, NSSF
Remarks by Global Industry Captain:	Mr. Mark-Anthony Johnson, CEO Global Perspective in Land and Sustainable Development
Opening Remarks:	Cabinet Secretary, Ms. Farida Karoney, Ministry of Land and Physical Planning Disruptive of Technology in Land Sector
Chief Guests and Keynote Address:	The Land and Property Sector: Advancing Africa's Sustainable Development – H.E. Dr. William Ruto, PHD

Opening of Exhibition/Health Break 10:30 – 11:30 am

First Plenary Session:	Land Governance and Sustainable Land Management
Moderator:	Julie Gichuru/Shilla Mwanyiga/Johnson Mwakazi
Opening Remarks:	UN Habitat
11:30 – 11:50:	The Land Governance Assessment Framework (LGAF) for Kenya Prof. Kameri-Mbote Patrician, Faculty of Law of the University of Nairobi



11:50 – 12:10:	Modernizing Land Registries - Lessons from Ghana Surv. Martin Amoako Asiedu, Ghana Institution of Surveyors
12:10 – 12:30:	Digitization of Land Records in Uganda Dr. Ronald Ssengendo, Institution of Surveyors of Uganda
12:30 – 1:00:	Question and Answer
Lunch Break: 1.00 – 2.00pm	
Lunch Break/Networking	
Concurrent Break-Out Session	
2.00pm – 4.00 pm	
Break-Out Session	1(a): Changing Landscape of Surveying technology
Moderator:	Kenneth Sabatia
Welcome Remarks:	
2:00 – 2:30:	Emerging Cadastral Surveying techniques - RTK and CORs Mr. Charles Muya Kamamia, Technical Director, GeoSurv System limited
2:30 – 3:00:	Utilizing big data in surveying Brian Njao, Country Lead Uber
3.00 – 3.30:	Operationalization of Spatial Data Infrastructure John Maina, Director of Survey
3:30 – 4:00:	Question and Answer
Break-Out Session	1(b): Contemporary Land Administration Processes
Moderator:	
Welcome Remarks:	UN Habitat
2:00 – 2:30:	Social Tenure Domain Model – John Gitau, GLTN
2:30 - 3:00:	Emerging issues on the operationalization of Land Laws – Peter Mwangi, LSK
3.00 – 3.30:	Global Land Indicators Initiatives – Everlyn Nairesaiiae, UN Habitat
3:30 – 4:00:	Question and Answer
Break-Out Session	1(c): Real Estate and Property Valuation in Africa
Moderator:	
Welcome Remarks:	
2:00 – 2:30: A	Africa's Property Market Overview - Ben Woodhams, Managing Director, Knight Frank
2:30 - 3:00:	Perspectives of International Valuation Standards –
3.00 – 3.30:	Best Practice in technical due diligence for buildings – Adolf Abuga, ISK
3:30 – 4:00:	Question and Answer
Health Break 4:00 – 4:30 P.M	



Day II: Thursday, 14th November 2019

Third Plenary Session:

Moderator:

8:30 – 9:30:

Motivational Talk, Emotional Intelligence and Stress Management –
Dr. Wale Akinyemi

Fourth Plenary Session:

Unlocking New Frontiers in Real Estate Investments

Opening Remarks:

Mr. Paul Muthaura, Chief Executive Officer, Capital Markets Authority (CMA)

Key Note Address:

Affordable housing in Kenya - Mr. Charles Hinga Mwaura,
Principal Secretary State Department of Housing

9:30 – 9:50:

Affordable housing agenda – Mr. Patrick Bucha, Secretary for Housing

9.50 – 10:10:

Incubating REITs in Africa – RAK

10:10 – 10:30:

REITs as a tool of modern Real Estate Agenda in Kenya –
David Kanyi, Capital Markets Authority (CMA)

10:30 – 10:50:

Positioning Kenya's Real Estate for Investment -
Dr. Moses Ikiara, MD KenInvest

Health Break

10:50 – 11:00 am

Concurrent Break-Out Sessions:

11.00 – 1.00 pm

Break-Out Session

2(a): Asset, Property and Facilities Management in the Region

Moderator:

Welcome Remarks:

11.00 – 11:30:

Innovations in Asset, Property and Facility Management –
Managing Director, Broll Property Group (Pty) Ltd, Kenya

11:30 – 12:00:

Emerging Standards and Techniques in Property Management -
Mary Kaaria, Facilities Manager, Kenya Power

12:00 – 12:30:

International Property Measurement Standards (IPMS) –

12:30 – 12:45:

Question and Answer

Break-Out Session

2(b) – Contemporary issues in surveying

Moderator:

Welcome Remarks:

11:00 - 11:30 :

UAV in Mapping Natural Resources - Prof. Gordon Wayumba

11:30 – 12:00 :

Inter-disciplinary practice – Wycliffe Abiero

12:00 – 12:30 :

Sectional Property Surveys; Methodology – George Arwa

12:30 – 12:45:

Question and Answer



Break-Out Session 2(c): Decentralization of Land Administration

Moderator:

Welcome Remarks:

11:00 – 11:30: Decentralization in Land Administration

Mr. Edward Kosgei, Director Land Administration

11:30 – 12:00

Land Governance in Practice: Approaches and Tools

Dr. Winfred Mwangi

12:00 – 12:30:

Model for Decentralization of Land Administration for Counties

Mr. Ronald Matende

12:30 – 12:45:

Question and Answer

Lunch Break:

1.00 – 2.00pm

Fifth Plenary Session:

National Land Policy: Contributions to Sustainable Land Management

Moderator:

Welcome Remarks:

2:00 – 3:00:

Nexus between National Land Policy and National Land use Policy

Panel Discussions

Surv. Ibrahim Mwathane, Dr. Herbert Musoga and Husna Mbarak, FAO

3:00 – 4.00 :

Questions and Answers

Closing Session:

4.00 – 5.00 pm:

Conference Declaration

Official closing – Principal Secretary, Ministry of Land and Physical Planning

Day III: Friday, 15th November 2019

9:00 – 1:00 Technical/Social Tours



SPEAKER'S PROFILE



Ms Jess Cleland.

Ms Jess Cleland is among the experts speaking during the 4th ISK Regional Conference. She has over 15 years' experience in Property Strategy, Research and Business Management with a focus on Africa.

In 2018 she was named Professional of the Year for the Private Sector category in Gauteng at the South African Women in Property Awards, and has served on industry boards including Women's Property Network, African Real Estate Society and University of Pretoria Department of Construction Economics.



Dr Wale Akinyemi.

Dr Wale is a renown motivational speaker, a business strategy consultant and an author



SPEAKER'S PROFILE



David Kanyi

Team Leader, Market Deepening

David Kanyi currently holds the position of Team Leader , Market Deepening at Capital Markets Authority. He has 15 years in Capital Markets having joined the Authority in February of 2008. Immediately prior to his appointment to the current role, in July 2019, he was the Head of Price and Market Surveillance in Derivatives at the Authority.

Prior to joining the Authority, David worked at the Exchange between 2004-2008 in both Trading and Internal Audit departments.

His current responsibilities include: Responsible for market deepening by facilitating uptake of existing and new products and services and driving innovation through designing, developing and implementing policies, procedures, methodologies and quality standards to support introduction of new products , services and innovations into the capital markets. David is also responsible for driving stakeholders engagement to increase uptake and design of new products based on established needs.

David is a graduate of the University of Nairobi school of Business with a Bachelor of Commerce Degree specializing in Finance. He is a full member of Institute of Certified Investment and Financial Analysts and the Kenya Institute of Management.

David has been pivotal in development and operationalization of the Derivatives Market including providing guidance and quality assurance to the various teams and market stakeholders throughout the process. He has served in various capital market forums including the East African Community market integration initiative, Bond Market Steering Committee, Capital Markets Authority Master Plan implementation Working Group Champion, amongst others.

Off work he has an avid love for Soccer and Golf as a player!



SPEAKER'S PROFILE



Robert Jackson, Director, RICS

Rob leads the Royal Institution of Chartered Surveyors (RICS) in Continental Europe, Middle East and Africa. He is responsible for strategic development and delivery, financial and operational performance of the organisation and sits on the global executive team. Rob aims to drive professionalism, set standards, mitigate risk and develop growth and regulation across the built environment.

Passionate about encouraging alternative dispute resolution and conflict avoidance methods as well as driving transparency and consistency through the adoption of international and RICS standards, his goal is to drive a collaborative approach to improve efficiency across the sector, nurturing a business environment conducive to international investment and confidence in the region.

Robert Jackson, Director, RICS



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