



Bricsa Consulting

3RD ANNUAL ICT

INFORMATION COMMUNICATION TECHNOLOGY AFRICA

July 22nd - 23rd, 2019 | Radisson Blu Hotel Nairobi, Kenya

Speakers & Partners

Mr. Jerome Ochieng
Principal Secretary - ICT and Innovation
Ministry of Information, Communications and Technology,
Kenya

Eng. John Tanui
Chief Executive Officer
Konza Technopolis Development Authority (KoTDA),
Kenya

Mr. Robert Bwire
General Manager - Research, Policy Advocacy and Planning
Kenya Investment Authority (KenInvest)

Mr. Kasaine Ole Pertet
General Manager - ICT
Kenya Airports Authority

Mr. Stephen Kiptinness
Board Member
Kenya Network Information Centre (KeNIC)

Dr. John Ayisi
Deputy Director - Research
Ministry of Higher Education, Science and Technology,
Kenya

Mr. Peter Kithuku
Assistant Director - ICT
Ministry of Agriculture, Livestock and Fisheries, Kenya

Mr. Julius Peter Torach
Commissioner - Information Technology
Ministry of Information, Communications, Technology and
National Guidance, Uganda

Mr. Patrick Mundua
Acting Commissioner - Information Technology
Ministry of Public Service, Uganda

Mr. Cheikh Bedda
Director - Department of Infrastructure and Energy
African Union Commission, Ethiopia

Mr. John Omo
Secretary General
African Telecommunications Union, Kenya

Mr. Boniface Akuku
Director of Information Communication Technology
Kenya Agricultural & Livestock Research Organization
(KALRO)

Dr. Peter Njuguna
Chief Information Officer
Co-Operative Bank of Kenya

Dr. Mwirigi Kiula
Director - ICT
Jomo Kenyatta University of Agriculture and Technology

Dr. Bernard Shibwabo
Director - Research & Postgraduate Studies, Faculty of
Information Technology
Strathmore University, Kenya

Mr. Washington Oluoch
Chairperson - Department of Computing and Information
Technology
Machakos University, Kenya

Mr. Timothy Otieno
Director - ICT
The Nairobi Hospital, Kenya

Mr. Samuel Weru
Director - ICT
Amref Health Africa, Kenya

Mr. Antony Otieno
Secretary General
Internet Society (ISOC) Kenya Chapter

Mr. Tychus Nyanga
Technical Director
mHealth Kenya

Supporting Partners



Media Partners



Day-1 | July 22nd, 2019

08:00 Registration and Morning Coffee

08:35 Opening and Welcome remarks from the Chairperson

09:00 ICT Industry Development as a key focal point for Kenya Vision 2030

- An overview of the 3rd Medium Term Plan (2018-2022)
- Development of Konza Technopolis and similar projects
- Shs 9.4 Billion funded by South Korean government kicking off the start of investments
- Current status and expected developments

09:30 Unification of the East African ICT sector to boost foreign investments

- Integration of the sector laws in the 6 partner nations to achieve a harmonious ICT market
- Attraction of Foreign direct investment (FDI) to promote trade and foster the economy
- Governing polices to be adopted by each member nation

10:00 The role of ICT in Investment Facilitation – E- Regulations and E-Opportunities in Kenya
Mr. Robert Bwire, General Manager - Research, Policy Advocacy and Planning
Kenya Investment Authority (KenInvest)

10:30 Morning Refreshments and Networking Break

11:00 Mutually-beneficial Policy-making to drive growth of ICT sector

- Building the right framework to maximise the contribution of ICT to the economy
- Enabling access to the ICT infrastructure
- Promoting private sector participation to increase investments

11:30 Introduction of Data Protection Bill, 2018 Kenya

- Outline and objectives of the Bill
- Protecting consumers and making the internet space a safer place
- Safeguarding sensitive personal information and its transfer outside Kenya

12:00 Digital Uganda Vision under Vision 2040

- Overview of the vision and key objectives
- Align ICT initiatives in different sectors to achieve the Vision
- Implementation framework and policy to achieve targeted areas

Mr. Julius Peter Torach, Commissioner, Information Technology
Ministry of Information, Communications, Technology and National Guidance, Uganda

12:30 Integration of Information Systems and Shared Services in Government

- Relation between Government Backbone systems, Govt HCM (Human Capital Management Systems) National ID Systems, Government data Centers and Government eServices platform
- Core government services accessibility to the private sector

Mr. Patrick Mundua, Acting Commissioner - Information Technology
Ministry of Public Service, Uganda

Day-1 | July 22nd, 2019

13:00 Networking Luncheon

14:00 Application of Big Data in the ICT Sector for monitoring and development

- Uses of Big Data in the public and private sector
- Utilizing Big Data to increase efficiency in health, finance and agricultural sectors
- Big Data: Challenges and Opportunities

14:30 Current trends and emerging issues of Domain Name System (DNS) in Africa

- DNS and intellectual property rights, data protection, cybersecurity - DNSSEC, Artificial Intelligence and multi-stakeholder model
- The impact of Domain names on the Fourth Industrial Revolution

Mr. Stephen Kiptinness, Board Member

Kenya Network Information Centre (KeNIC)

15:00 Refreshments and Networking Break

15:30 Internet of Things (IoT) - Transforming Africa

- Internet of Things – Definition and Importance
- Use of IoT to enhance business security
- Application of IoT in various sectors throughout the region

Mr. Antony Otieno, Secretary General

Internet Society (ISOC) Kenya Chapter

16:00 Use of AI Technologies to transform African Business

- Kenya Medical Supplies Authority (KEMSA): Using AI to transform supply Chain Facilities
- Use of AI in Africa in various sectors such as agriculture, healthcare, logistics, education and mining
- How Artificial Intelligence technologies will transform African business and elevate African economies

16:30 Use of ICT in Healthcare to mitigate risk and enhance efficiency

- Mobile-based ICT solutions to improve healthcare delivery
- Use of Technology to remotely access healthcare services
- Electronic Health Record (EHR) for easier data management and access

Mr. Timothy Otieno, Director - ICT

The Nairobi Hospital, Kenya

17:00 ICT Applications in eHealth

- Upcoming trends and challenges for eHealth delivery
- Increasing adoption of telemedicine
- Possible solutions from case studies

17:30 Panel Discussion: The formation of Public-Private Partnerships (PPPs) in the African Region

- ICT investment and partnership key to stimulate Africa's digital growth
- On-going and upcoming PPPs in the region
- Role of government in defining the right and favourable approach to form PPPs
- PPP laws governing the ICT sector in the East African Nations

18:00 Closing Remarks and End of Day 1

Day-2 | July 23rd, 2019

08:00 Registration and Morning Coffee

08:35 Opening and Welcome remarks from the Chairperson

09:00 Rwanda ICT Sector Strategic Plan: 2018-2024

- Overview of the Sector in the region
- Strategic framework and policy
- ICT Sector goals, current progress and expected developments

09:30 Major ICT developments in Rwanda

- Rwanda's first satellite launch: the journey towards better telecommunication services in the Republic
- Increasing efforts to become a knowledge based economy by 2020
- Progress made and expected developments

10:00 ICT Applications in the Agricultural Sector

- Improving farmers' access to information via enhanced telecommunication facilities
- Strengthening policy and regulation to boost agricultural development in the region
- Capacity development to improve ICT infrastructure and foster growth
- E- Agriculture and its impact and contribution to the economy

**Mr. Boniface Akuku, Director of Information Communication Technology
Kenya Agricultural & Livestock Research Organization (KALRO)**

10:30 Morning Refreshments and Networking Break

11:00 Investment and partnership opportunities in the agriculture sector in Kenya

- ICT for a sustainable utilisation and conservation of natural resource base
- Infrastructure development and utilization
- Investment focus on seed production, manufacturing of fertilizers and pesticides and irrigation systems and services

11:30 National Optic Fibre Backbone Infrastructure (NOFBI) - ensuring connectivity in all the 47 counties of Kenya

- Current status and expected developments
- Provision of Last Mile Fibre Connectivity to County Headquarters
- Sh10 Billion allocated to ensure connectivity extension from counties to sub-counties
- Improvement of ICT to support the Kenyan "Big Four" Agenda

12:00 Overview of the ICT sector in Tanzania

- Understanding the ICT sector in Tanzania
- Using the Converged Licensing Framework (CLF) and the ICT policy 2016 to improve the telecommunications infrastructure and attract foreign investments
- Challenges faced and possible outcomes

12:30 Role of ICT in the Banking, financial services and insurance (BFSI) sector

- Mobile phone and internet access to complement the financial sector development
- Mobile penetration and use of mobile banking in the region
- Policy implications for mobile/ internet banking

Day-2 | July 23rd, 2019

13:00 Networking Luncheon

14:00 ICT as a medium to provide better financial services

- Inclusion of new technologies in financial services
- Financial Inclusion and its impact on ICT
- Providing data security and privacy through innovations

14:30 ICT and E-commerce in Africa: a step towards a digital economy

- Overview: 400 million users at present and expected to grow by 54% by 2030
- Challenges and future in the sector
- Fast growing use of online payments to facilitate easier transactions

15:00 Refreshments and Networking Break

15:00 Role of ICT in Transport Infrastructure

- Smart City development and Intelligent Transportation Systems (ITS)
- Integrating ICT into the public transportation system
- A challenging market which spurs innovative solutions

16:00 African Union Development Agency: Transforming the Infrastructure sector in Africa

- Business plan and execution of the Agenda 2063
- Current status and expected developments
- Opportunities, challenges and possible solutions

16:30 Emerging Ethical and Legal Concerns in ICT: An Educational and Societal Perspective

Dr. Bernard Shibwabo, *Director - Research & Postgraduate Studies, Faculty of Information Technology*
Strathmore University, Kenya

17:00 Jomo Kenyatta University of Agriculture and Technology (JKUAT): Transforming the ICT infrastructure by providing demand based solutions

- Impact of ICT on the education sector
- Building ICT Capacity to strengthen Kenya's position as a knowledge-based economy
- JKUAT Industrial Park to increase public-private partnership and boost innovation and investments in the country

17:30 Digital learning to improve access to and quality of education

- Reducing school dropout rates through technology
- Role of investors and partnerships to provide financial support
- Capacity building to address demand

18:00 End of the conference

More about this Conference

Bricsa Consulting takes great pride in organising **3rd Annual Information Communication Technology Africa** – a 2 day large scale event scheduled to be held on the 22nd and 23rd of July, 2019 at Radisson Blu Nairobi, Kenya

Bricsa Consulting is involved in hosting industry specific conferences and currently our focus area is infrastructure and transportation, which is one of the key priorities in terms of large scale development across emerging markets. We have successfully executed conferences in Malaysia, South Africa, India, Saudi Arabia, Qatar, UAE, Kenya and Vietnam while we are exploring some of the upcoming emerging markets like Nigeria, Ghana, Tanzania, Oman, Myanmar among others.

Under Vision2030, Kenya focuses to position itself as a leading ICT hub for the information, communication and technology sector development in the Eastern African region. Its strategic location and steady growth potential has established Kenya as the regional leader.

With Digital Literacy Programme (DLP) and The National Optic Fibre Backbone Initiative (NOFBI) ensuring connectivity in all the 47 counties, Kenya stands ahead of its neighbours in competition to introduce technology in daily life and rely on it for growth. The introduced laws for data protection also enable the citizens to make more use of the internet with enhanced privacy and safety. M-pesa has been a key transaction enabler in almost all the sectors in the region. With projects like Konza Technopolis taking off with a possibility of fresh investments, the coming years will see superlative growth in the region.

Bricsa Consulting has been exploring ICT potential related to BFSI, Healthcare, Transportation, Agriculture and Education industry. The 3rd Annual Infrastructure Communication Technology (ICT) – Africa is a two-day closed-door program focussed on investment opportunities and technological advancements in the dynamically progressive economies in the region with the motive to promote foreign direct investment (FDI) and public-private partnerships (PPP). We look forward to welcoming the key decision makers from both public and private sectors to enable this programme to be a successful effort towards a sustainable future.

HIGHLIGHTS OF THE CONFERENCE

- Role of ICT sector growth and development in achieving Kenya's Vision 2030
- Addressing key infrastructure issues, technology application, Blockchain, AI implementation and insights on policy, programmes and projects
- The impact of ICT sector on Kenya's GDP and the need for a comprehensive policy, legal as well as regulatory framework
- Addressing Challenges and issues of privacy, cybercrimes, ethical and moral conduct, copyrights, intellectual property rights and privacy
- Importance of ICT as a youth development and capacity building tool for national growth strategy

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WHO SHOULD ATTEND :

- Chief Digital Officer
- Chief Data Officer
- Chief Executives
- Chief Information Officers
- Chief Technology Officers
- Strategy and data innovation director
- IT Directors
- Head of Cloud Services
- Data engineers
- Cyber security data scientist
- Specialists in analytics and digital transformation
- Lead data scientist
- Data Security Managers
- Directors of Commissioning
- Directors of Procurement
- Enterprise Architects
- Technical executive- AI, IoT, Big data, Blockchain
- Head of digital innovation
- Heads of Data
- IT specialists
- Heads of ICT Transformation
- Heads of Information Assurance
- Heads of IT
- Heads of Programmes
- Heads of Shared Services
- Heads of Strategy
- Heads of Technology

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Conference Producer

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