Smart Africa Overview & Vision for SDGs

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Head of Technology and Innovation, Smart Africa

Outline

- Governance and Membership
- Smart Africa: Vision & strategic actions
- Quick wins & Flagship projects
- Smart Africa and Vision for SDGs

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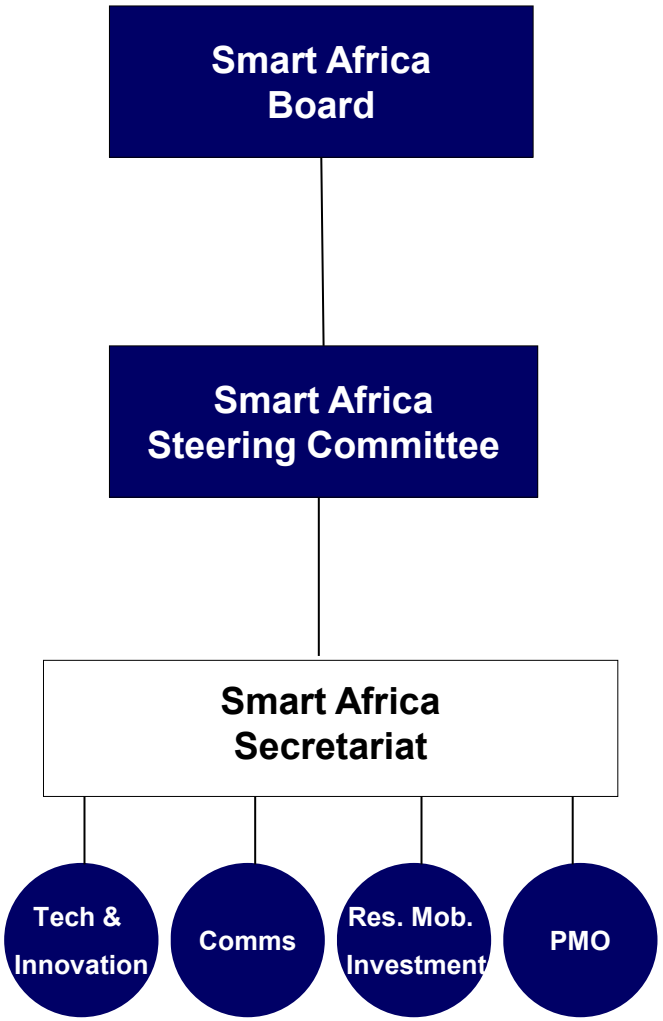
Governance and Membership

Smart Africa – The beginning of a new era

Smart Africa Governance

Organs



Mandate

- Policy and Strategic leadership
- High-level Advocacy
- Promote the Smart Africa Agenda

- Catalyst to support the Smart Africa's vision
- Advisory to the Smart Africa Board
- Recommend flagship projects aligned to the Smart Africa mandate
- Provide oversight and supervision of the Smart Africa Secretariat
- Report to the Smart Africa Board

- Manage Communications, M&E and Resource Mobilization for the Smart Africa Alliance
- Support Smart countries Strategies development
- Strengthen regulatory environment
- Forge PPPPs (Private, Public, Devpt. Partners)
- Promote Investment to attract the private sector
- Mobilize Funding (Financing)

Member States

H.E. Paul Kagame
President of Rwanda
& Board Chairman

H.E. Uhuru Kenyatta
President of Kenya

H.E. Ali Bongo Ondimba
President of Gabon

H.E. Idriss Déby
President of Chad

H.E. Abdel Fattah el-Sisi
President of Egypt

H.E. Ibrahim Boubacar Keïta
President of Mali

H.E. Alassane Ouattara
President of Côte d'Ivoire

H.E. Yoweri Kaguta Museveni
President of Uganda

H.E. Macky Sall
President of Senegal

H.E. Salva Kiir Mayardit
President of South Sudan

H.E. Roch Marc Christian Kaboré
President of Burkina Faso

H.E. José Eduardo dos Santos
President of Angola

H.E. Ismaïl Omar Guelleh
President of Djibouti

H.E. Alpha Condé
President of Guinea

H.E. Patrice Talon
President of Benin

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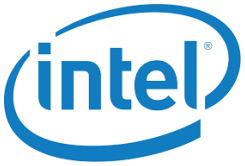
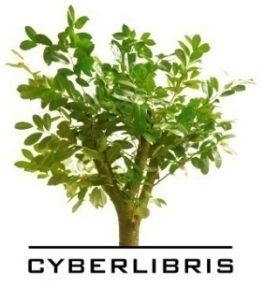
International organizations and private sector

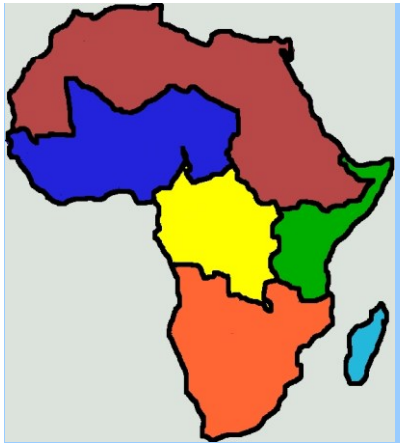


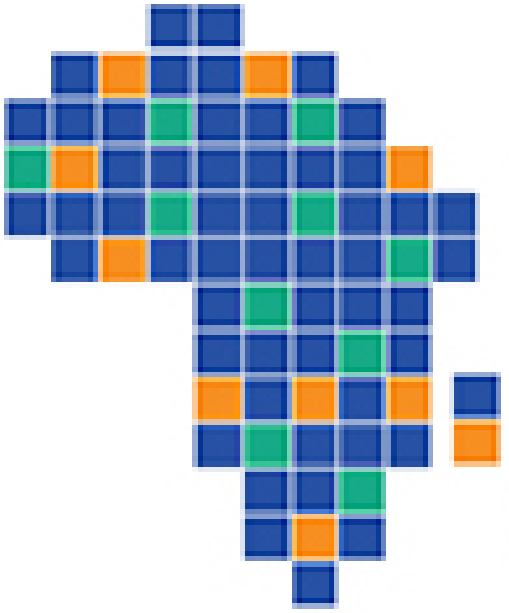


Vision Statement and Strategic actions

Vision Statement

“ Transform Africa into a single digital market”





Smart Africa Manifesto Principles

- To put ICT at the centre of national socio-economic development agenda
- To improve access to ICT especially Broadband
- To improve accountability, efficiency and openness through ICT
- To put the Private Sector First
- To leverage ICT to promote sustainable development

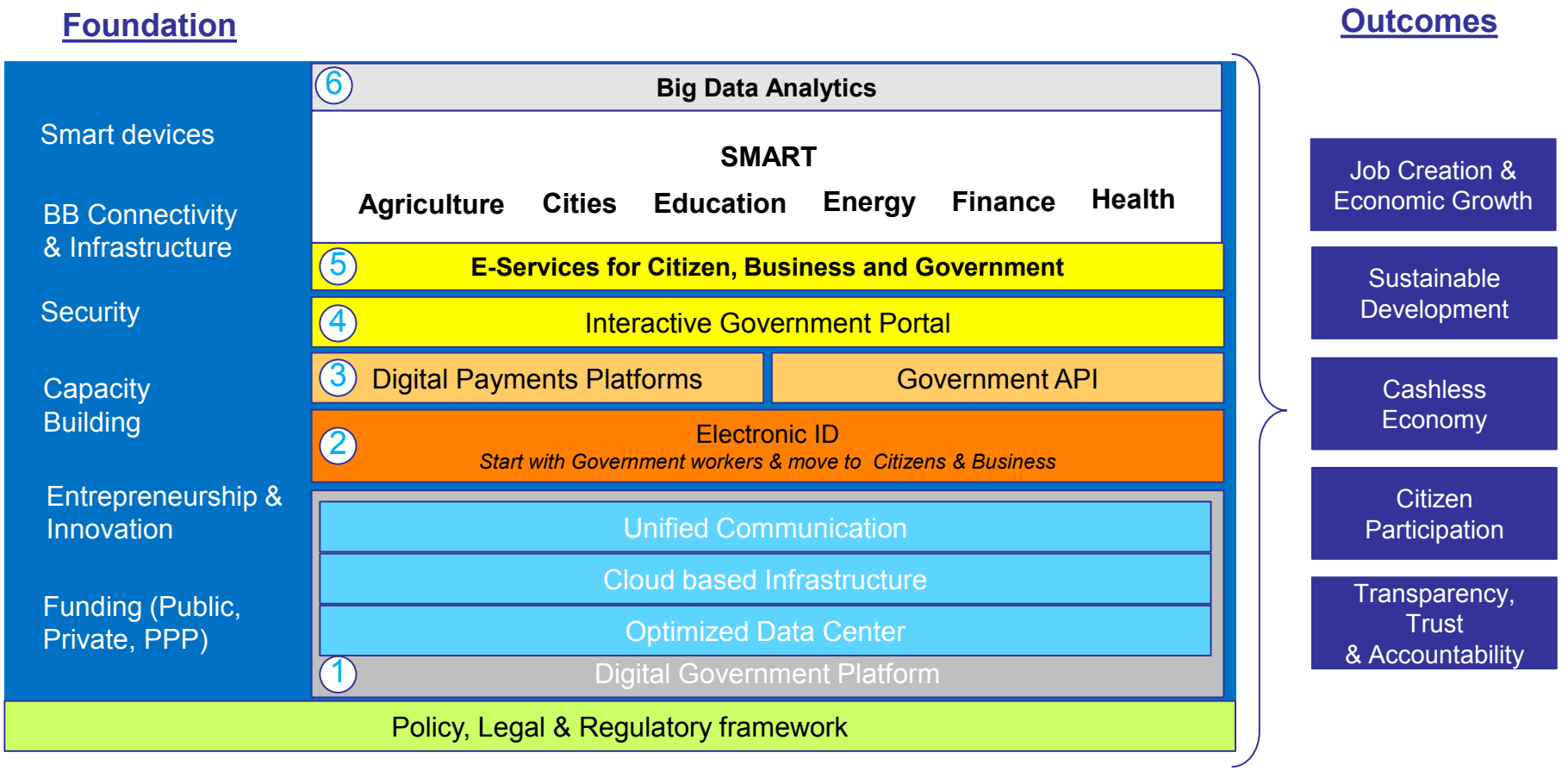
Smart Africa will…

- Harmonize ***policy, legal and regulatory frameworks*** and investment codes throughout the continent

- Generate more ***demand*** by establishing ***favorable market conditions*** in order to attract ***large scale investments***

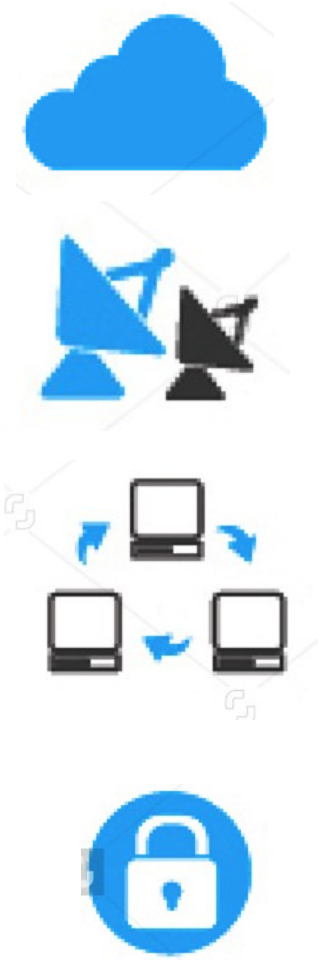
- Enable the ***creation of new industries*** facilitated by the creation of ***new jobs*** supported by the development of ***21st century skills***

… and support Digital Governments blueprints development



Attract an investment target worth USD 300 Billion…

- Through large scale investments in:
  - Fiber Optic Networks
  - Mobile Broadband Networks
  - Satellite
  - Data Centers
  - Cyber Security
  - Smart Cities
  - Internet of Things (IoT)
  - Big data and analytics

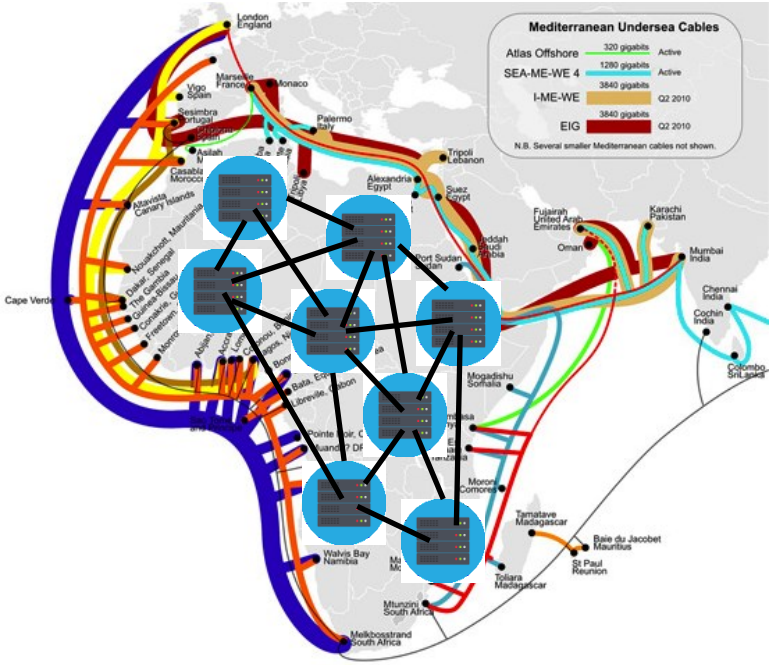


Attract an investment target worth USD 300 Billion…

- Through large scale investments in :
  - e-Applications (*e-education, e-Health, e-Tourism, e-Agriculture, e-Commerce, etc)*
  - Content/Apps development
  - Manufacturing of electronic Consumer devices
  - Investment in local innovations/products
  - Capacity building
  - Etc

Other Strategic Actions

- Transform Africa Summits
- Smart Country Days
- Young Innovators Competition
- Sponsorship and mentorship of Young Entrepreneurs
- Capacity building Programs under the Smart Africa Scholarship program
- Startup support (from seed funding level to IPO)
- Intellectual Property Protection



Quick Wins…

Quick Win: *One Africa Network*

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- **An enabling framework**: Affordable voice & data roaming rates and cross border mobile payments supporting millions of Africans within Smart Africa Member States
- **Africa United**: A leap towards greater integration of the African continent – *especially supporting free movement of people, boosting trade and development and fostering inclusive growth*

Quick Win: *Smart Africa Scholarship Fund*

- **Bridge the skills and talents gap** in order to make Smart Africa goals a reality
- **Reduce the digital** divide between Member States
- Promote **meritocracy and gender equality**
- Partner with **African Centers of excellence** and other strategic partners
- Establish an **co-financed fund** with targeted partners

Quick Win: *Assembly of electronic devices*

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- Assembly of Smartphones, Computers, Laptops, Tablets and other electronic devices
- A response to the needs of a consumer market of over 1 Billion Africans and still growing
- A move to reduce the trade imbalance and create new jobs in the electronic devices assembly value chain

Quick Win: *Broadband connectivity along key infrastructure*

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Flagship projects

Flagship Projects

Rep. of Rwanda - SMART Cities & Communities

Rep. of Uganda – Big Data & Data Measurement for Development

Rep. of Gabon – ICT Industry Development

Rep. of Faso - Capacity Building / Smart Africa Scholarship fund

Rep. of Senegal – Access (Broadband) & Green Economy

Rep. of Kenya – Digital Economy

Flagship Projects (Cont'd)

Rep. of Guinea – Intra-african cross-border connectivity

Rep. of Chad – Creative Economy

Rep. of Mali – Entrepreneurship, Youth Innovation and Job Creation

Rep. of South Sudan - Africa Digital Literacy

Rep. of Cote d'Ivoire - Cyber Security

Rep. of Angola – High Tech Parks

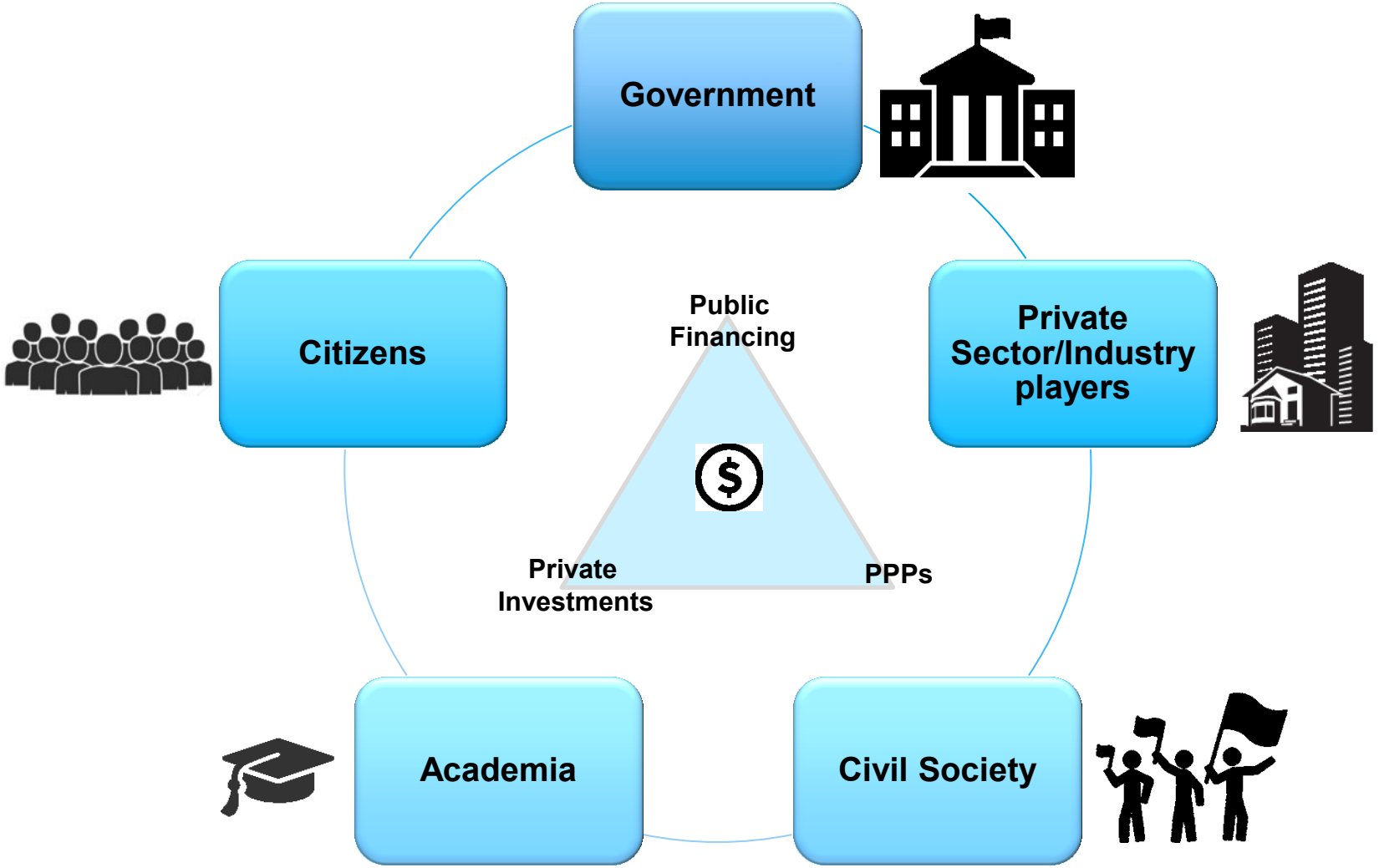
Rep. of Djibouti – Data Centers

Future potential Flagship Projects

- Smart Villages
- Smart Energy Systems
- Smart Tax policy & Systems
- E-Payments
- E-Agriculture
- E-Health
- E-Education
- e-Tourism
- e-Commerce
- E-Procurement
- E-Immigration
- E-Tax/E-Customs
- Internet of Things
- Digital Libraries
- Youth Talent Development
- M-banking/E-banking
- African Satellite Communications
- African Submarine Fiber
- Academy of Science and Technology for Africa (ASTA)
- And many more…

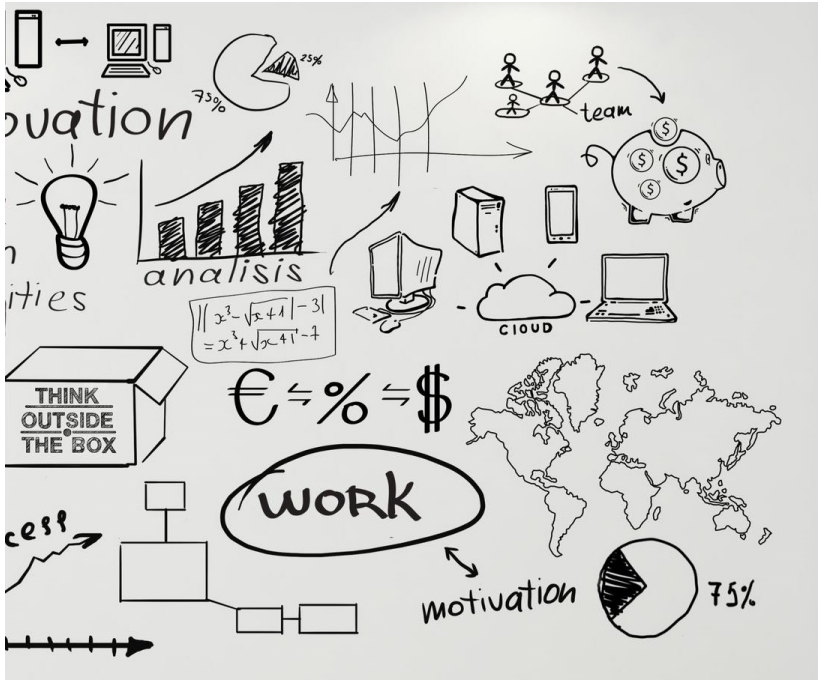
This vision will require…

… Strong partnerships



It will also require…

- A sustained political will and leadership
- An empowered, well-trained and well-paid workforce
- A strong culture, entrepreneurial values and ambitious goals across all stakeholders
- A strong spirit of innovation and entrepreneurship
- A culture of communication and information-sharing



Issues/Challenges

- **Harmonization**: *Harmonization of policies and processes (legal, regulatory, strategic and technical)*
- **Trade issues:** *How achieving this without being protectionist?*
- **Market consolidation:** *So that Africa come together as a single market and create the right economies of scale*
- **Partnerships***: Work with partners who believe in the Smart Africa vision*
- **Enhanced Value:** *Bring additional value to all partners, especially our private sector members*
- **A new label***: Create a new "Made in Africa" label*

Smart Africa and SDGs

The opportunity

- Mobile subscriptions in Africa have gone from almost no subscribers in 2000 to around 900 million today.
- Mobile phones have already allowed for dramatic breakthroughs in e-finance, e-health, e-agriculture, e-education, e-Government, e-trade to name a few
- Still enormous, almost unexploited opportunities in mobile broadband, the Internet of Things (IoT), big data, robotics, artificial intelligence, 3-D printing, etc
- ICT has the potential to increase the rate of diffusion of a very wide range of technologies, applications, and platforms across the economy (healthcare, education, financial services, electrification, and high-yield agriculture

SDGs

SUSTAINABLE DEVELOPMENT GOALS
1 NO POVERTY
2 ZERO HUNGER
3 GOOD HEALTH
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND
16 PEACE AND JUSTICE
17 PARTNERSHIPS FOR THE GOALS
SUSTAINABLE DEVELOPMENT GOALS

Smart Africa and SDGs

- ICT can accelerate actions on the SDGs
- ICTs diffuse with remarkable speed and at a global scale and help reduce the cost of the deploying the new services and their upscaling
- ICT can dramatically speed up public awareness of new services and technologies, and therefore their demand and readiness.
- As such, Smart Africa supports the implementation of SDGs and their mainstreaming in ICT National Development Plans

Transform Africa Summit

Registration now open:

www.transformafricasummit.org

Thank you for your attention

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www.smartafrica.org