

**5th SG13 Regional Workshop for Africa on
"ITU-T Standardization Work on Future Networks: Towards
a Better Future for Africa"
(Cairo, Egypt, 2-3 April 2017)**

**Summary of Day 1 and
Introduction to Day 2**

Presentation on the standards needs and values for developing countries

- Standards are guidelines that gives us details on how to use a system in an optimum way.
- Metrology, standardization and conformity assessment work together to facilitate efficient trading system.
- Standardization is a way forward to develop economy. Without standardization it will be difficult to develop a country's economy.
- Standards are knowledge and a powerful tool that can help drive innovation and productivity. They can make organizations more successful.



Session 1: Trusted ICT Infrastructures and Services

- There is no common definition for Trust
- Key issues related to Trust include Security, Privacy, Transparency
- Trust issues need to be considered for standardization
- Developing countries have to be present where Trust ICTs are being discussed
- Developing countries need to crystalize their issues of Trust and feed in the global work of Trust



Session 2: IMT-2020

- IMT-2020 is not just an increase in bandwidth from the previous releases of IMT systems, but a fundamental change to support emerging capabilities.
- 5G is an opportunity that incorporates recent technological advancement for maximizing wireless capacity and adaptability.
- 5G will support the vision of “everything connected”
- Cooperation is essential for IMT-2020 between SDOs, all SGs and external entities.
- A need for African countries to contribute to the work on IMT-2020 including in Q20/13



Session 3: Software Defined Networking (SDN)

- SDN main characteristic is that it is open source, multivendor solution, any gateway
- Value of SDN and NFV
 - Network Agility and Flexibility
 - SDN addressing OPEX reduction through automation
 - leverage existing core assets
 - enable fault management and end-to-end quality management
 - create new revenue opportunities
- Network transformation based on new technologies



Program of Day 2

- Session 4: Cloud Computing and Big Data
- Session 5: Technology Convergence
- Session 6: Experiences and Successful Stories from Africa
- Panel Discussion: Importance of Standardization of SG13 hot topics for African countries





Thank you