8th SG13 Regional Workshop for Africa on
"Standardization and Future Networks: Opportunities for Africa Beyond 2020"
(Virtual, 01 June 2021)

Introduction to the Workshop

Dr. Rim Belhassine-Cherif

Chief Innovation & Strategy Officer, Tunisie Télécom

ITU-T TSAG Vice-chair, SG13 & SG13 RG-AFR Vice-chair

Rim.belhassine-cherif@tunisietelecom.tn

SG13 Regional Workshops for Africa

2013 - 2021

	Theme	Place	Date
1	Standardization on IMT, M2M, IoT, Cloud Computing and SDN	Algiers, Algeria	8 September 2013
2	Future Networks: Cloud Computing, Energy Saving, Security & Virtualization	Tunis, Tunisia	28 April 2014
3	ITU-T Standardization Challenges for Developing Countries Working for a Connected Africa	Livingstone, Zambia	23-24 February 2015
4	Future Networks for a better Africa: IMT-2020, Trust, Cloud Computing and Big Data	Accra, Republic of Ghana	14-15 March 2016
5	ITU-T Standardization Work on Future Networks: Towards a Better Future for Africa	Cairo, Egypt	2-3 April 2017
6	Standardization of future networks: What opportunities for Africa?	Abidjan, Côte d'Ivoire	26-27 March 2018
7	Standardization of future networks towards Building a better connected Africa	Abuja, Nigeria	3-4 February 2020
8	Standardization and Future Networks: Opportunities for Africa beyond 2020	Fully Virtual	1 June 2021

Objectives of the Workshop

1

Give an overview of SG13 standardization work in areas of currently high interest *(IMT-2020 and beyond IMT-2020 networks, autonomous networks, cloud computing, data handling, quantum enhanced and trustworthy networking)*

2

Share the main issues and standardization priorities of African countries in relation with these topics

3

Highlight the main challenges that African countries are facing **in adopting future networks technologies and in getting more involved in the standardization process**

4

Discuss possible measures **to help Africa to overcome these challenges + to take advantage of opportunities** arising from standardization and the future networks beyond 2020

Workshop's Agenda

10H00 • **Opening Ceremony**

10H40 • **Session 1:** Future Networks and Africa (Part 1): IMT-2020 and beyond IMT-2020 Networks

11H40 • **Session 1:** Future Networks and Africa (Part 2): Autonomous Networks

12H10 • **Session 2:** Cloud Computing and Data Handling

13H00 • *Break*

13H10 • **Session 3:** Quantum Enhanced and Trustworthy Networking

13H50 • **Panel Discussion**

14H40 • **Closing session**

15H00

Session 1 (Part 1)

		Speakers
Title	**Future Networks and Africa (Part 1):** **IMT-2020 and beyond IMT-2020 Networks**	**Dr. Leo Lehmann** Chairman, ITU-T SG13 *"ITU-T Study Group 13 heading towards next Study Period"*
Duration	1 hour [10H40 – 11H40]	**Mr. Elliot Nketani Kabalo** Co-rapporteur of Q5/13, Manager Standards & Network, ZICTA, Zambia *"IMT2020 Standardization and Technical Issues for Africa"*
Moderator	**Mr. Simon Bugaba** UCC, Uganda	**Mr. Guda Blessed** **Mr. Abdullahi Sani Shuaibu** Federal University of Technology Minna, Nigeria *"Applications for future networks in emerging market"*

Session 1 (Part 2)

		Speakers
Title	**Future Networks and Africa (Part 2):** **Autonomous Networks**	**Mr. Leon Wong** Chairman, ITU-T Focus Group on Autonomous Networks *"FG-AN: Opportunity for Africa"*
Duration	30 minutes [11H40 – 12H10]	**Mr. Ibrahim Aliyu** Chonnam National University, South Korea
Moderator	**Mr. Simon Bugaba** UCC, Uganda	**Mr. Guda Blessed** Federal University of Technology Minna, Nigeria *"An in-depth study of gaps in standards related to autonomous network"*

Session 2

Title	**Cloud Computing and Data Handling**	**Speakers**	**Dr. David Dai** Technical Director, Fiberhome Technologies ITU-T Q7/13 Rapporteur *"Network awareness and network intelligence make the network better"*
Duration	50 minutes [12H10 – 13H00]		**Dr. James Agajo** Associate Professor, Federal University of Technology Minna, Nigeria *"Data Handling Procedures and Requirements-aware Cloud Computing"*
Moderator	 **Mr. Isaac Kobina Kwarko** NCA, Ghana		**Mr. Adnane Ben Halima** Vice President in charge of public relations in Huawei Northern Africa Region

Session 3

		Speakers	
Title	**Quantum Enhanced and Trustworthy Networking**		**Prof. Gyu Myoung Lee** Rapporteur, ITU-T Q16/13, KAIST *"Standardization activities on Quantum Key Distribution Networks in ITU-T"*
Duration	40 minutes [13H10 – 13H50]		
Moderator	**Dr. Fidelis Onah** Vice-Chairman, ITU-T SG13 Nigeria		**Dr. Zhangchao Ma** Associate Rapporteur, Q16/13, CAS Quantum Network Co. Ltd, China *"Standardization activities in ITU-T FG-QIT4N"*

Panel Discussion

Title	**Standardization & Networks Beyond 2020: Challenges & Opportunities for Africa: Is Africa ready?**	**Panelists**
Duration	50 minutes [13H50 – 14H40]	
Moderator	**Dr. Rim Belhassine-Cherif** Vice-Chair, ITU-T SG13, Tunisie Télécom, Tunisia	

Mr. Simon Bugaba
UCC, Uganda

Mr. Charles Chike Asadu
University of Nigeria

Ms. Meriem Slimani
Standardization & Development Coordinator, ATU

Mr. Elliot Nketani Kabalo
Co-rapporteur of Q5/13, Manager Standards & Network, ZICTA, Zambia

Closing Session

Presentation of results and final summary on lessons learnt during the workshop

Closure of the Workshop

Ensured by:

Dr. Rim Belhassine-Cherif
Vice-Chair, ITU-T SG13,
Tunisie Télécom, Tunisia

Mark your Calendar!

8th SG13RG-AFR meeting

Date	**02 June 2021**
Format	**Fully Virtual**
Organized by	**The International Telecommunication Union (ITU)**
Target Audience	❑ **To Administrations participating in SG13RG-AFR** ❑ **To ITU-T Sector Members participating in SG13RG-AFR** ❑ **To ITU-T Associates participating in SG13RG-AFR** ❑ **To ITU Academia participating in SG13RG-AFR** ❑ **To the African Telecommunications Union** ❑ **To the ITU Regional Office for Africa Region**

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Thank you for your Attention

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