AFRICAN REGION PRESENTATION

ITU GCBI VIRTUAL MEETING, 1-2 June 2020

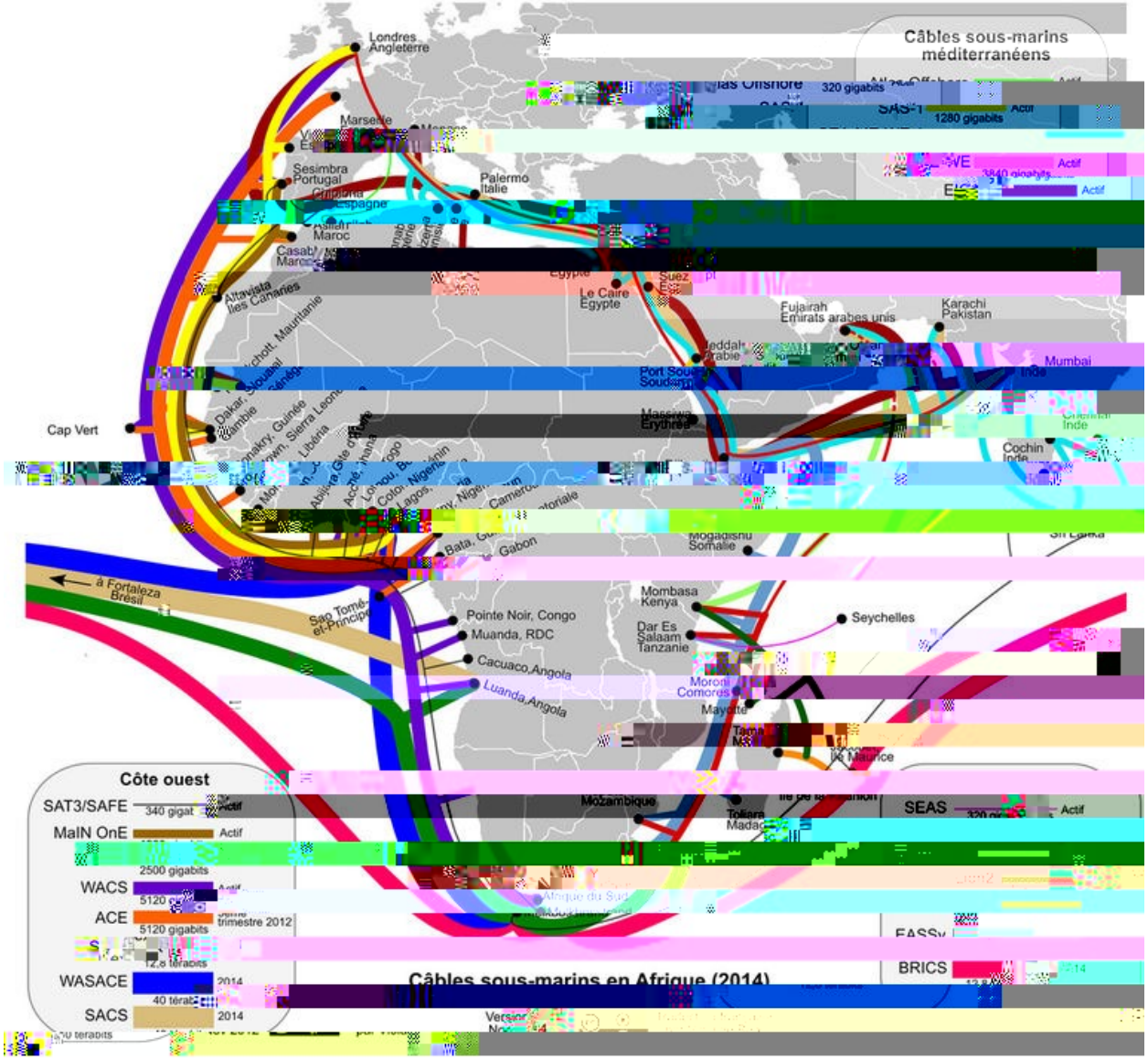
Gladys OGALLO
Mohamadou A. SAIBOU

AGENDA

1. ICT Penetration in Africa
2. Digital priorities in Africa
3. Digital capacity and skills needs
4. Regional strategies and priorities
5. Challenge and opportunities
6. Recommendation for ITU

1- Some Figures on ICT penetration in Africa (ATU)

Population				


Câbles sous-marins méditerranéens
Londres Angleterre
Marseille
Sesimbra Portugal
Palermo Italie
Espagne
Maroc
Egypte
Le Caire Egypte
Suez
Fujairah Emirats arabes unis
Karachi Pakistan
Jeddah Arabie
Mumbai
Inde
Cap Vert
Cochin Inde
Mogadishu Somalie
Sri Lanka
à Fortaleza Brésil
Mombasa Kenya
Seychelles
Pointe Noir, Congo
Muanda, RDC
Cacuaco,Angola
Luanda,Angola
Dar Es Salaam Tanzanie
Moroni Comores
Mayotte
Ile Maurice
Mozambique
Afrique du Sud
Côte ouest
SAT3/SAFE
340 gigat
Actif
MaIN OnE
2500 gigabits
WACS
5120 gigabits
ACE
5120 gigabits
trimestre 2012
WASACE
2014
40 térabits
SACS
2014
SEAS
BRICS
Câbles sous-marins en Afrique (2014)

Some ICT proven outputs and impacts on the national economies

Capacity Building in ATU highlighted perspectives to build a sustainable digital economy in Africa

Capacity building

2- DIGITAL PRIORITIES IN AFRICA

Internet infrastructure capacity and resiliency including national/regional IXPs, data centers and cloud computing to address the needs of emergency

National Emergency communication plans to manage crisis situations (frequency spectrum, emergency number, …),

affordable access and connectivity particularly for emergency, health, education and media services

mobile payment and digital finance services

develop Tele-working platforms and digital local services to maintain the economy activities and social interactions

develop elearning platforms

The need of enhanced frameworks for data regulation, cybersecurity and privacy

Accelerate the rural areas coverage using universal service funds

3- DIGITAL CAPACITY AND SKILLS NEEDS/GAPS IN AFRICA

4- REGIONAL STRATEGIES AND PRIORITIES (*2*/2)

ATU is preparing an e-skill framework including e-learning for Africa to assist its Members to address the challenges of the AU digital transformation strategy for Africa.

5- CHALLENGES AND OPPORTUNITIES

Telephone and Internet traffic on a universal scale.
Excessive use of bandwidth.
Socio-economic activities though the use of digital telecommunications tools.
The development of digital telecommunications associates with various public utility applications

Creation of applications and other IT solutions.
Emergence of start-ups.
Increasing the incomes of telecom operators and

6 - RECOMMENDATIONS FOR ITU

To facilitate the process of bridging the digital divide in africa, ITU should:

Set a clear action plan with a timeline to address the connectivity gap in Africa

- Collaborate closely with the ATU in the telecommunications component of Agenda 2063 and make proposals for assistance, especially in te02 Tib-U 1.25 [3]

Thank you

Gladys OGALLO
gogallo@virtualhr.co.ke

Mohamadou A. SAIBOU
mohamadou.saibou@smaconsulting-group.com