

VALIDATION WORKSHOP ASSESSMENT STUDY ON C&I FOR EAC COUNTRIES

Nairobi, October 21 – 23
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S5-4: Results and Findings from the study

- ◇ General Aspects of the region
- ◇ Regulatory framework, Accreditation Bodies and Institutions

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- ◆ **General Aspects of the region:**
 - ◆ EAC – Regional intergovernmental organization of the Republics of Burundi, Kenya, Rwanda, Tanzania and Uganda.
 - ◆ HQ in Arusha Tanzania.
 - ◆ **Mission and Vision: –**
 - ◆ Vision – Prosperous, competitive, secure, stable and politically united East Africa.
 - ◆ Mission – To widen and deepen Economic, Political, Social and Cultural Integration in order to improve the quality of life in the East Africa community – pop 130+ million (2010) – through increased competitiveness, value added products, trade and investments.

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Relevance of C&I in EAC:

- ◆ Cooperation in the Communications sector is mandated by Articles 98 and 99 of the treaty for the establishment of EAC.
- ◆ Partner states undertake to cooperate in the establishment and operation of communications infrastructure, the development and deployment of ICT applications and services and promotion of postal services.
- ◆ The principles of C&I as contained in the ITU Resolution 76, (Johannesburg 2008) can and will facilitate attainment of articles of EAC

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Objectives of EAC Articles 98 and 99 of EAC:

1. Harmonization of ICT policies, laws and regulations among EAC partner states. An integral component of this strategic objective is the coordination and enhancement of associated institutions.
2. Promote the establishment of communications infrastructure and services such as communications networks, e-government and e-commerce and geo-spatial information systems.
3. Standardization of technologies and services to allow internetworking and interoperability.
4. Communications markets – Investment strategies, competition management, quality of service and consumer welfare

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Some Ongoing Projects under Articles 98 and 99:

- a. East African Community Broadband ICT Infrastructure Network (EAC-BIN): Aim to establish and operate a cross-border broadband infrastructure network within EAC.
- b. EAC Legal Framework for Cyber Laws.
- c. Analogue-to-Digital-Broadcasting-Migration (ADBIM).
- d. ICT Policy and Harmonization Framework

EACO – The regional ICT organization under a Public Private Partnership (PPP) that brings together national ICT Regulators, Telecommunications, Broadcasting and Postal operators/ service providers, academia and other associated stakeholders in the EAC Partner States, with the objective to strengthen and promote cooperation among the EAC Partner States in the development of telecommunications, postal and broadcasting services in East Africa.

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- * GENERAL ASPECTS OF THE REGION
 - * Youthful demographics with high growth in ICT acceptance and usage
 - * Multiple Service Providers – Open and free market for equipment suppliers
 - * GSM Penetration – medium to high; growing
 - * 3G Deployment – low to medium; growing
 - * 4G Deployment – planning stages now
 - * Quality of Service (QoS) and Counterfeit issues exist
 - * DTT Migration – various stages, STBs excellent candidates for EAC C&I regime.

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◆ REGULATORY FRAMEWORK

ARCT – Burundi
CA - Kenya
RURA – Rwanda
TCRA - Tanzania
UCC - Uganda

- ◆ These NRAs are all established by appropriate legal instruments of each country.
- ◆ All are mandated to regulate Electronic Communications and Broadcasting (except Burundi for now – soon to have control over broadcasting)
- ◆ RURA of Rwanda has additional regulatory responsibilities for Water, Electricity and Waste Management.
- ◆ All have responsibilities for Quality of Service delivered to consumers through various transmission networks and systems including handsets.
- ◆ Proper Conformance and Interoperability (C&I) Regime is essential to their mission as Regulators.

Regulatory framework, Accreditation Bodies and Institutions

* ACCREDITATION BODIES AND INSTITUTIONS

* BURUNDI –

- * Accreditation body yet to be established. Law makes provision for an accreditation body to be established.
- * Laboratories (none) – Reliance on 3rd party testing with internationally recognized accreditations (ISO 17025)
- * Certification Bodies – CASLI (certification division) located with BBN
- * Product Markings – BBN, IEC, EU, KEBS, TBS, etc
- * MRAs – None exist formally

Regulatory framework, Accreditation Bodies and Institutions

- * Accreditation Bodies and Institutions
- * KENYA –
 - * Accreditation Bodies – KENAS, associate member of ILAC, IAF;
 - * ISO/IEC17020 – Inspections; Petroleum, general cargo, agric..
 - * ISO/IEC17025 – Testing & Calibration Labs; Chemistry, Microbiology..
 - * ISO/IEC 15189 – Medical Labs, tests, etc....
 - * ISO 17021, ISO 17024, ISO 17067 – Product/personnel certification in all sectors....
 - * Laboratories –
 - * Testing and calibration labs. – 35, offering 2nd and 3rd party testing and calibration, accredited to ISO/IEC 17025:2005
- * MRAs – None yet, something in the works to achieve ILAC global MRA status with ILAC signatory countries..

Regulatory framework, Accreditation Bodies and Institutions

- * ACCREDITATION BODIES AND INSTITUTIONS
- * RWANDA
 - * Accreditation Bodies -None at the moment, yet to be established...
 - * Laboratories – None at the moment, yet to be established...
 - * Certification Bodies – None at the moment, yet to be established....
 - * Product markings - Trusted markings, FCC, CE
 - * MRASs – None established yet....

Regulatory framework, Accreditation Bodies and Institutions

* ACCREDITATION BODIES AND INSTITUTIONS

* TANZANIA

- * Accreditation Bodies -None at the moment, yet to be established...
- * Laboratories – None at the moment, yet to be established...
- * Certification Bodies – None at the moment, yet to be established...
- * Product markings - Trusted markings, FCC, CE
- * MRASs – None established yet...

Regulatory framework, Accreditation Bodies and Institutions

* ACCREDITATION BODIES AND INSTITUTIONS

* UGANDA

- * Accreditation Bodies -None at the moment, yet to be established...
- * Laboratories – None at the moment, yet to be established...
- * Certification Bodies – None at the moment, yet to be established... UNBS is a certification body that deals other non-ICT products. UCC certifies telecom and broadcast equipment.
- * Product markings - Trusted markings, FCC, EU, (ITU?) recognized. Special UCC mark of approval on STBs
- * MRASs – None established yet...

Regulatory framework, Accreditation Bodies and Institutions

End of S5-4:

**THANK YOU FOR YOUR
ATTENTION**

QUESTIONS?