



## **AFRICAN ADVANCED LEVEL TELECOMMUNICATIONS INSTITUTE (AFRALTI)**

### **WORKSHOP OUTLINE**

**Title:** INTERCONNECTION - THE ECONOMICS & REGULATORY IMPLICATIONS

**Dates:** 13<sup>th</sup> – 17<sup>th</sup> September 2010

**Venue:** Accra, Ghana

**Cost:** Participants ex AFRALTI Member States - US\$ 1,000.00 per person

Participants ex Non Member States - US\$ 1,200.00 per person

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#### **TARGET AUDIENCE:**

Managers and staff involved in interconnection within the industry (including telecommunications operators, service providers and other industry players), decision-makers and senior policy-makers.

#### **DESCRIPTION:**

Interconnection is considered to be at the very heart of developing an open, efficient, effective and competitive communication sector. Interconnection is the means by which subscribers of one network are able to seamlessly communicate with those of another or access the services offered by other networks.

Interconnection is the key to developing effective competition in order to drive growth and innovation in telecommunication markets. Good interconnection arrangements can promote efficient infrastructure development of today's integrated global telecommunication networks

Regulation plays a crucial role in determining whether interconnection arrangements are able to fulfill these strategic national objectives.

This course is designed to provide a comprehensive overview of all aspects of interconnection, including the economics behind it as a key issue within a liberalizing telecommunications sector.

#### **WORKSHOP OBJECTIVES:**

- ✓ To present the regulatory procedures and the regulator's role about interconnection.
- ✓ To provide an understanding of the importance of regulating interconnection of telecommunications networks.
- ✓ Provide an overview of the procedures and contents for concluding agreements.
- ✓ To understand the technical and operational aspects of interconnection.
- ✓ To reinforce the management practices on pricing methods for interconnection fees.
- ✓ To present the concepts of costing methods to be used for determining the interconnection fees.

#### **WORKSHOP TOPICS:**

1. An introduction to interconnection
2. Importance and objectives of interconnection
3. Interconnection principles, instruments and emerging issues: nationally and internationally
4. Types of interconnection: Fixed to Fixed; Fixed to Mobile, Unbundling, Technical aspects of interconnection
5. Interconnection
6. Procedures, Reference Interconnection Offer (RIO)
7. Contents of Interconnection Agreements
8. Overview of Interconnection Charges
9. Costing of the technical elements and network components for a fixed and mobile network.

## **FACILITATOR BRIEF:**

Mr. Mohamed Noorani is an international expert in telecommunications, data communications and networking and has been actively involved in the industry since 1981. He holds a Bachelors Degree in Electrical Engineering and is a licensed and registered Engineer in his home country, Kenya. He is also a Cisco Certified Network Associate and a Microsoft Certified Systems Engineer.

Mr. Noorani has taught telecommunications technology and data communications training seminars to wide acclaim across Africa since 1991, and has a broad experience working as an engineer in the telecommunications industry.

He worked for Kenya telecommunications as a Project Planning Engineer for ten years on projects including Digital Voice and Data Networks, on Signalling System No. 7, X 25 Packet Switching Network for the Kenya Data Network and many other projects in capacities ranging from detailed Project Design and Implementation to Project Leader.

Currently, Mr. Noorani is the Head of Network Planning and Management at the African Advanced Level Telecommunications Institute (AFRALTI) specialising in developing and conducting training programs in Broadband Wireless technologies, CCS No 7, VSAT Networks, Network Planning, Telecommunications Network Management, IP networks and Convergence, GSM Wireless Technologies such as CDMA and WiMAX, Circuit, Packet and Ethernet switching, VoIP, Next Generation Networks and IP networking over Satellite.

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