

INTERNATIONAL TELECOMMUNICATION
UNION
Telecommunications Development Bureau
(BDT)
REGIONAL OFFICE FOR AFRICA



BDT Projects and Activities in Africa

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TOPICS

- ✓ Overview
- ✓ Access Challenges
- ✓ Activities
- ✓ WTDC – 06 Regional Initiatives for Africa
- ✓ Regional Initiatives Projects



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OVERVIEW

EVOLUTION

- Telephony (voice) no longer the only means of information exchange.
- Internet (circuit switching to packet switching), (central office switches to soft-switches)
- Mobility (wired services to wireless services, narrowband to broadband services)



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OVERVIEW

- Convergence (Telecom/IT/Broadcasting, fixed and mobile networks)
- Services with mobility (one type of service to broader range of services)
- Networks (Discrete to integrated, circuit switched to packet switched)
- Challenges (development and management)



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ACCESS CHALLENGES

- Infrastructure (Extension/Modernization of networks (Broadband and IP-Based) for improved access)
- Development/Extension of Access points in rural and underserved areas
- Spectrum management capacity
- Services and Network operations management



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ACCESS CHALLENGES

- Frequency Management, monitoring and control equipment
- Planning and development of Frequency Management assignment database
- NGN numbering plan
- Training, planning and implementation of Broadband services and technologies



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ACTIVITIES

- Technical assistance to Member States in establishing Frequency Management and Monitoring Systems
- Frequency management capacity building through workshops
- Harmonizing policy and regulation in view of convergence



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WTDC-06 Regional Initiatives for Africa

- Human and Institutional capacity building.
- Strengthening and harmonizing policy and regulatory frameworks for integration on African ICT markets.
- Development of Broadband infrastructure and achievement of Regional Interconnectivity.



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WTDC-06 Regional Initiatives for Africa

- ICT Application
- Introduction of New Digital Broadcasting Technologies.



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Regional Initiatives Projects

Development of Broadband Infrastructure and achievement of regional interconnectivity.

- Infrastructure sharing and migration to IP based networks
- Support for the implementation of broadband infrastructure



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CONCLUSION

- Focus on vital issues such as;
 - Laying the foundation for more cost-effective access and delivery of broad range of services to connect the remote, rural and underserved areas.
 - **Development of networks on which integration of national and global economy would depend**
 - **National and regional infrastructure to form part of the GII where NGN will play a central role.**



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THANK YOU VERY MUCH FOR
YOUR ATTENTION



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