

Regional Development Forum 2009
“NGN and Broadband, Opportunities and Challenges”
Lusaka Zambia, 18-19 May 2009

**ITU-D ICT Development initiatives
(Projects and digital Broadcasting
activities)**

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Topics

- Africa Regional Initiative – ICT applications objectives
- ICT Development initiatives
- Broadcasting activities – Introduction of new digital broadcasting technologies
- Conclusion

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AFRICA REGIONAL INITIATIVE – ICT applications objectives

- Analyze e-learning and e-teaching needs.
- To make reliable teaching facilities universally accessible as part of NEPAD's e-school projects and other e-learning initiatives.
- Support special initiatives for regional and national education and research networks.
- Support the creation of multipurpose community tele-centers (MTCs) led by women, and other ICT projects in support of young people and disadvantaged communities.

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AFRICA REGIONAL INITIATIVES – ICT applications initiative objectives

- As part of e-administration and e-government, assist countries in validating and updating master plans for national cyber-strategies.
- Assist countries in mobilizing funding for ICT applications.
- Assist countries during various engineering phases, if needed.
- To use the postal network to reach out to rural areas as part of the implementation of the e-post project for Africa.
- To improve and optimize administration management through introduction of simplified, fast and reliable procedures (government, customs, revenue authority, local governments, etc.).

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AFRICA REGIONAL INITIATIVE – ICT applications objectives

- To improve food self-sufficiency by making optimum use of climatic data for agriculture and animal husbandry, to better match production to market needs (e-agriculture), and to facilitate heritage conservation (wildlife, forests), within the framework of e-environment projects.
- To share identified medical expertise by saving factor-related costs and skilful human resource deployment-related costs in e-health projects.
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AFRICA REGIONAL INITIATIVE – ICT applications objectives

- To provide African countries with coherent applications, drawn from their national e-strategies, making it possible to use modern data transmission and internet networks to provide electronic services for administration, health, education, trade and the economy as a whole.
- To share identified medical expertise by saving factor-related costs and skilful human resource deployment-related costs in e-health projects.
- To improve and optimize administration management through introduction of simplified, fast and reliable procedures (government, customs, revenue authority, local governments, etc.).

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ICT development initiatives

- E-post
- Broadband wireless access for rural area – MacCaw Foundation

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Digital Broadcasting Activities-Objectives

- To provide African countries with an upgraded television broadcasting infrastructure that is compatible with the new digital broadcasting plans (RRC-06, Geneva)
- To plan the broadcasting infrastructure (DVB-DAB) and make the transition to digital.
- To facilitate the emergence and use of new services through the use of broadband technologies.
- To improve and optimize spectrum management in order to ensure that the resources available for the introduction of new services are adequate.

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Digital Broadcasting Activities

ITU-BDT assisted transition from analogue to digital broadcasting in Africa.

- ITU-BDT project consisting of two phases;-
 - Phase 1 – Feasibility study on digital broadcasting Roadmap in Africa.
 - Collection of relevant information on current status Television broadcastng and Broadcasters program in shifting from Analogue to Digital
 - 22 countries participated
 - Phase 2 – Prepare detailed project proposal which intend to develop guidelines for transition.

The developed guidelines will be available for all for customization and pilot projects.

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Conclusion

For ICT applications

- **Publication of reliable, up-to-date administrative information for the population.**
- **Qualified medical assistance and appropriate quality care provided to the population**
- **Consolidation of conventional education by improving needy population's access to knowledge.**
- **Government websites with online services established in each country.**

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Conclusion

For Digital Broadcasting

- Modernized radio and TV broadcasting with inclusion of new multimedia services.
- Publication of a new wave-propagation map for Africa and contribution to the elimination of harmful interference.
- Effective participation in the building of an all-inclusive information society.
- Smooth simultaneous operation of existing analogue services and new digital broadcasting systems.

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**THANK YOU VERY MUCH FOR YOUR
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