

International Telecommunication Union



Introductory Remarks / Keynote Address / ITU Structure

ITU-BDT Regional Seminar on Broadband Wireless Access (BWA) for rural and remote areas for Africa Yaoundé, Cameroon, 18-21 Sept. 2006

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Objective and Outline

o Objective

- Introduce seminar
- Set stage for understanding ITU's role in global standardization
- Outline
 - Seminar overview
 - ITU structure
 - ITU-R
 - ITU-T
 - ITU-D

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What's Life Like





o Today ...

- · Most people can't do without their mobile phones
- · Content is on DVDs or magazines or books or a local hard-disk
- · Contact Lists are by application, device, and individual situation

o In 2010 ...

- Everyone's connected: can't do without being on-line
- The first place people go for content is on-line

o In 2015 ...

- Everyone and everything is connected all the time, everywhere
- The only place people go for content is on-line



Today's technology literate young person is

tomorrow's decision maker: our target customer!

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Next Generation Access and Networks for Next Generation Users & Services

- today's young person is tomorrow's decision maker
 - rising expectations: multimedia services, security, personalization, mobility
 - rising ability to pay as economies develop

o "demographic" shifts

- business success depends on communications
- subscribers place high value on mobility ...
- mobile usage strongly correlates with internet usage
- ... and place high value on high speed access

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Seminar Overview

Day 1

- Opening
- 1. Introduction to Wireless Broadband
- 2. Broadband Programs and System Implementation
- 3. Regulatory Aspects of Wireless Broadband

Day 2

- 4. International Wireless Broadband Standards
- 5. Broadband Technologies and Solutions

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Seminar Overview

Day 3

- 6. BWA Planning and Implementation
- 7. Fixed Mobile Convergence

Day 4

- 8. 2G to 3G Migration/Evolution Guidelines for Developing Countries
- Panel Discussion
- Summary and Closing

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ITU is a Global Institution

- o Established 17 May 1865
 - CCIF, CCIT formed in 1924, 1925; merged into CCITT in 1956, became ITU-T in 1992
 - CCIR formed in 1927, became ITU-R in 1992
 - ITU-D created in 1992
- One of the world's most enduring organizations (Booz Allen Hamilton Study)
 - http://www.boozallen.com/media/file/14 3411.pdf

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True United Nations System

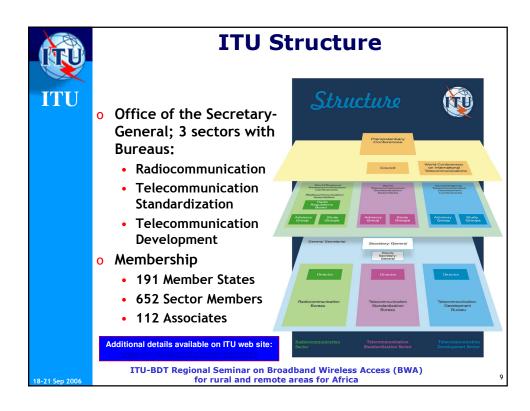
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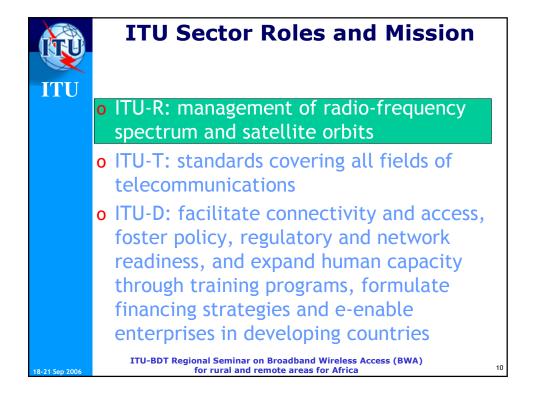
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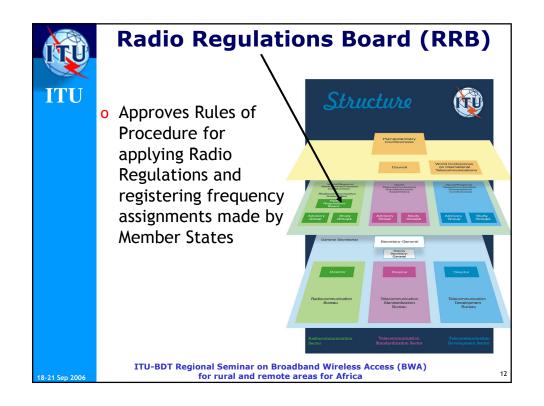
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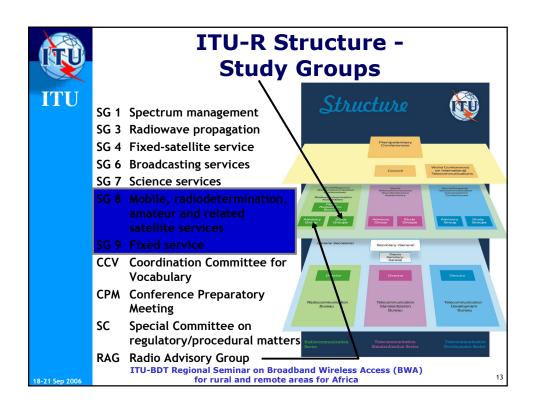
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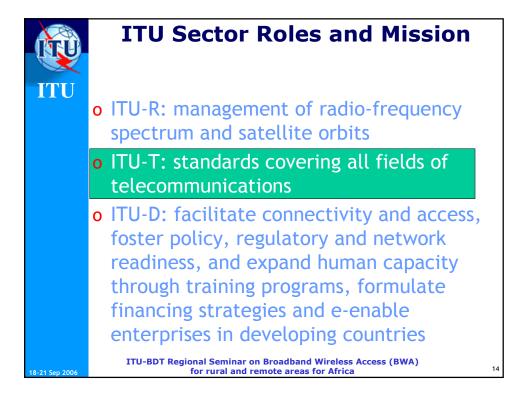


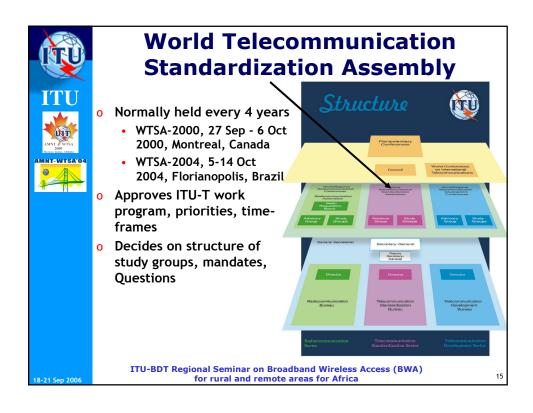


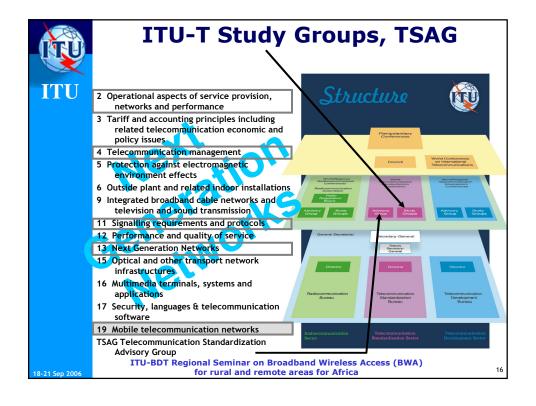














ITU Sector Roles and Mission

- o ITU-R: management of radio-frequency spectrum and satellite orbits
- o ITU-T: standards covering all fields of telecommunications
- ITU-D: facilitate connectivity and access, foster policy, regulatory and network readiness, and expand human capacity through training programs, formulate financing strategies and e-enable enterprises in developing countries

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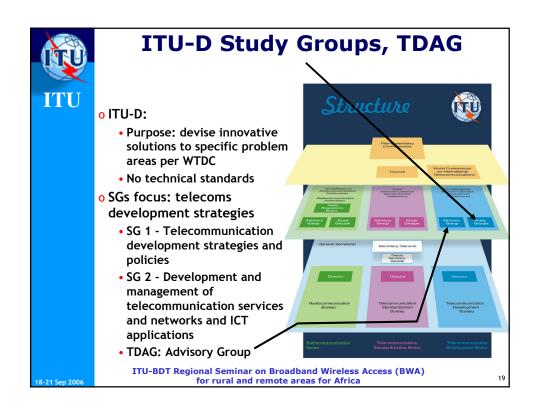


World Telecommunication Development Conference

- Held approx. every 4 years:
 - WTDC 2002, Istanbul
 - WTDC 2006, Doha
- Objectives and strategies for development of telecommunications
 - · Priority: expand, modernize networks to boost telecoms penetration and access in the world's poorer countries
- Promote international cooperation
- Establish ITU-D SGs, mandates

Structure

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ITU in the Global Standards Community

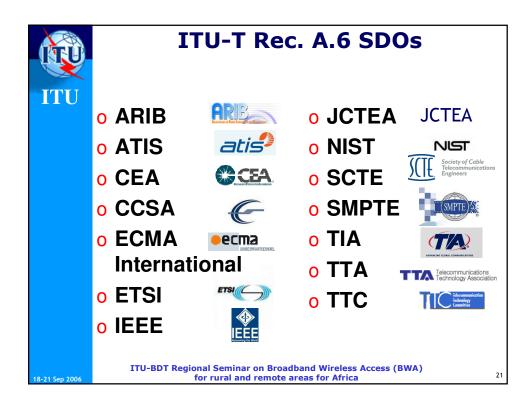
ITU-T:

- 29 fora/consortia approved for communication process (ITU-T Rec. A.4)
- 29 organizations qualified for including references in ITU-T Recs. (ITU-T Rec. A.5)
- 15 national and regional SDOs approved for cooperation and exchange of information (ITU-T Rec. A.6)

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Summary

- Today's young person is tomorrow's decision maker: high expectations
 - Mobility and broadband access are key elements of future telecommunications
- ITU is one of the world's most enduring organizations, and for good reasons
 - Well structured to address radio, telecom and development sector needs
- Seminar provides opportunity for experts to share their knowledge, experience and views on the future of the industry with you!

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Thank you!

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Selected Acronyms

2G	Second Generation	P.Eng.	Professional Engineer
3G	Third Generation	RA	Radio Assembly
BDT	Telecommunication	RAG	Radio Advisory Group
	Development Bureau	SAG	Telecommunication
CCV	Coordination Committee		Standards Advisory Group
	for Vocabulary	SC	Special Committee on
СРМ	Conference Preparatory		regulatory/procedural
	Meeting		matters
ICT	Information and	SG	Study Group
	Communications	TDAG	Telecommunication
	Technology		Development Advisory
ITC	International Teletraffic		Group
	Congress	WRC	World
ITU	International		Radiocommunication
	Telecommunication Union		Conference
ITU-D	ITU - Development Sector	WTDC	•
ITU-R	ITU - Radio Sector	,,,,,,	Development Conference
ITU-T	ITU - Telecommunication	WTSA	World Telecommunication
	Standardization Sector	11134	Standardization Assembly
NGN	Next Generation Network		Starida dization Assembly
	.,		A (BWA)
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