



BUILDING THE INFORMATION SOCIETY

**Joint Facilitation Meeting on
WSIS Action Line C2, C4, C6**

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14 May 2007

Original: English

Regulatory Tools: Enabling an NGN Environment

submitted by

International Telecommunication Union
Telecommunication Development Bureau
Regulatory and Market Environment Division

ITU Regulatory Tools: enabling an NGN environment



**Trends in
Telecommunication
Reform**

**Global Regulators'
Exchange**



**and Regulatory
News Log**

**Executive Level Training
for Regulators and Policy Makers**



**ICT Eye
regulatory data
and information**

**Global
Symposium for
Regulators
(GSR)**



**West African
Common Market Project
Regulatory Guidelines**



Regulatory and Market Environment Division, Telecommunication Development Bureau



Global Symposium for Regulators 2007 Edition The Road to Next-Generation Networks (NGN): Can Regulators Promote Investment and Achieve Open Access?

The Annual Global Symposium for Regulators
(GSR)

a unique venue for regulators and policy makers
to meet and exchange views and experiences
to develop a common understanding and
adopt
best practice guidelines addressing key
regulatory issues

Participation:
Organization:

471 participants from 111 countries
ITU in collaboration with the Telecommunication
Regulatory Authority (TRA) of the United Arab
Emirates

Chaired by:
Output:

Mr. Al Ghanim, Director General of the TRA
Best practice guidelines for NGNs Migration





Trends in Telecommunication Reform





Coming Soon

Trends in Telecommunication Reform 2007:
The Road to Next-Generation Networks (NGN)

Trends in Telecommunication Reform 2006:
Regulating in a Broadband World

Trends in Telecommunication Reform 2004/2005:
Licensing in an era of convergence








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THE ITU GLOBAL REGULATORS' EXCHANGE


EXCHANGING INFORMATION. EXCHANGING IDEAS. EXCHANGING BEST PRACTICES.




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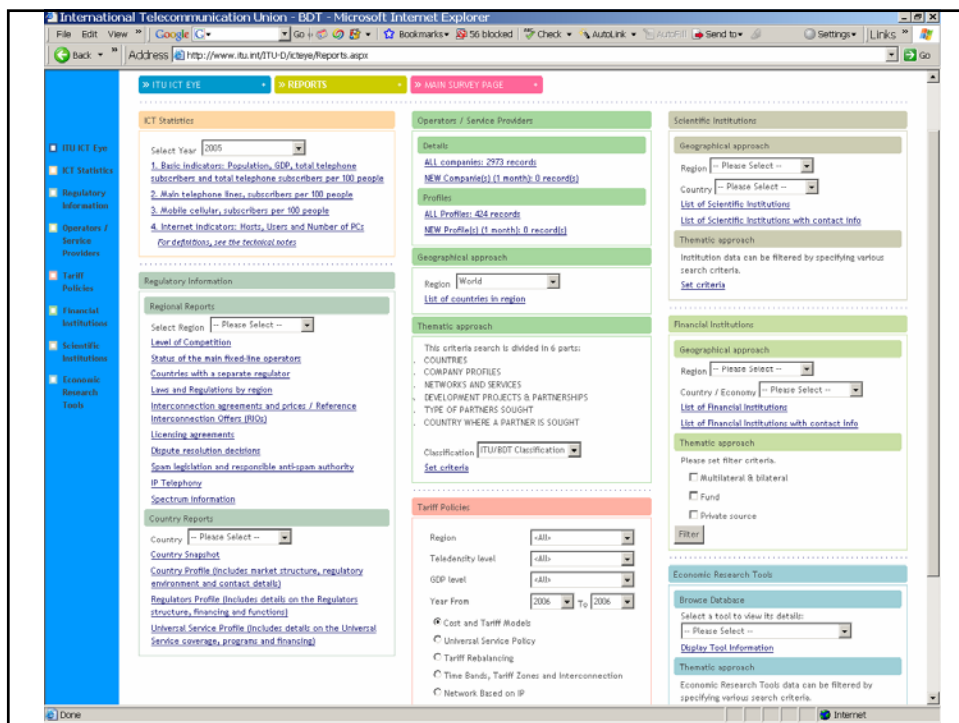
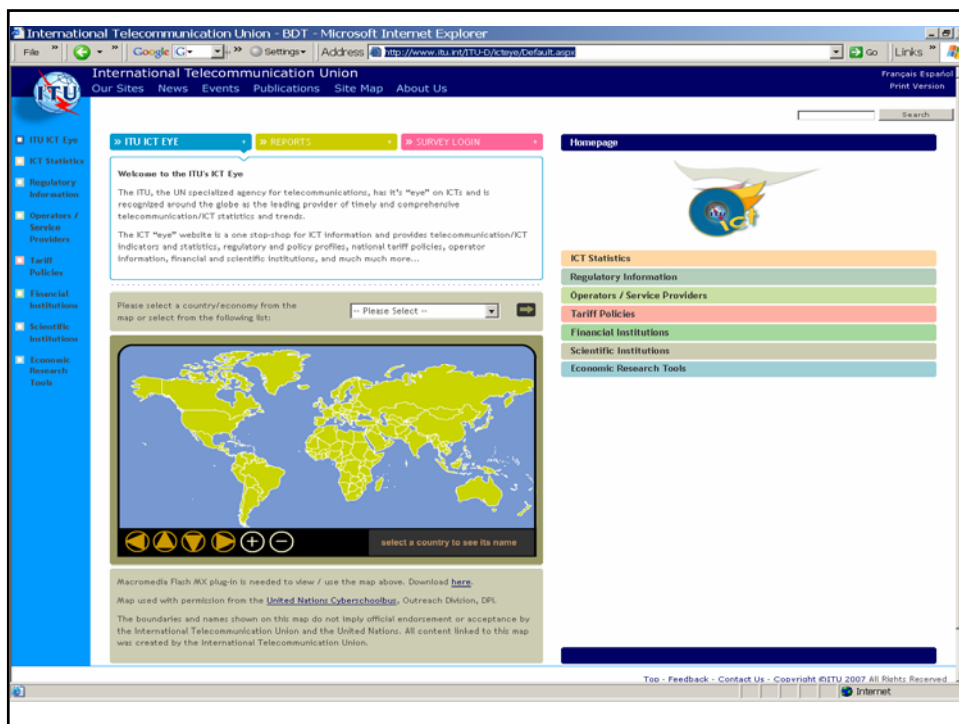
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ITU ICT EYE
REPORTS
SURVEY LOGIN

United Arab Emirates

Level of Competition 2005

Service	Competition
Local services	Partial competition
Domestic long dist	Partial competition
International long dist	Partial competition
Wireless local loop	Partial competition
Data	Partial competition
DGL	Partial competition
Cable modem	Partial competition
VISAT	Partial competition
Leased lines	Partial competition
Fixed Wireless Broad-band	Partial competition
Mobile	Partial competition
Paging	Monopoly
Cable TV	Monopoly
Fixed sat	n/a
Mobile sat	Monopoly
GNP/CS	Monopoly
IMT 2000	Partial competition
Internet services	Partial competition
International gateways	Partial competition

ICT Statistics 2005

Population	4,494,000
GDP (USD) (2002)	771021253406
Fixed telephone lines per 100 inhab.	27.51
Mobile cellular subscribers per 100 inhab.	100.86
Computers per 100 inhab. (2002)	11.99
Internet users per 100 inhab.	31.08
Broadband Internet subscribers per 100 inhab.	2.41
International Internet bandwidth (Mbps)	4185
Radio sets per 100 inhab. (1999)	28.35
TV sets per 100 inhab. (2004)	19.39
% population covered by mobile signal (2004)	100.00

Regulatory Information 2005

Regulatory Authority

Name: Telecommunications Regulatory Authority
Address: P.O. Box 26662
City: Abu Dhabi
Phone: +971 2 621 2222
Fax: +971 2 621 2227
Email: info@tra.ae
Website: <http://www.tra.ae>

Policy Maker

Name: Telecommunications Regulatory Authority
Address: P.O. Box 26662
City: Abu Dhabi
Phone: +971 2 621 2222
Fax: +971 2 621 2227
Email: info@tra.ae
Website: <http://www.tch.ae>

More Regulatory Info

Operators / Service Providers

Emirates Telecommunications Corporation
Thuraya Satellite Telecommunications Company
Etisalat

More operators/service providers info

Status of the main fixed-line operators

Operator	Status
Etisalat	Partially privatized

Done

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SURVEY LOGIN

Each year the ITU/BDT undertakes a series of surveys in order to assess the latest trends and developments in the ICT sector. Survey data is entered by authorized users only, as defined by their organizations. Each user will be given a dedicated user name and password in order to complete the survey.

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ICT Market Harmonization for ECOWAS/UEMOA

In 2004, the International Telecommunications Union (ITU) launched a regional project, in cooperation with the European Union, to support the establishment of an integrated ICT Market in West Africa.

The project took place in several steps. During the first two years, workshops were organized on the various regulatory topics and resulted in a final validation workshop, held in September 2005, which saw the finalization of the draft best practice guidelines.

2005	2006	2007
Best practice guidelines developed and adopted in Accra, Ghana, at the 3 rd Ordinary General Assembly of the West Africa Telecommunications Regulators Assembly (WATRA) in September 2005. (see http://www.watra.org).	Harmonized ICT regulatory decisions were adopted at the 6 th Meeting of the ECOWAS Ministers in charge of Telecommunications and ICT, held in Abuja Nigeria on 11 th May 2006. The content body of these decisions was derived from the best practice guidelines adopted in Accra, Ghana, in 2005. (Final Report of the Ministerial meeting , ITUNews article , ECOWAS Press release)	The decisions previously adopted by the ECOWAS Ministers in charge of Telecommunications and ICTs in Abuja, Nigeria in 2006, were adopted as Supplementary Acts by ECOWAS Authority of Heads of States and Government during its thirty-first session held in Ouagadougou on 19th January 2007. (ECOWAS press release)

[Final Guidelines](#) [Decisions](#) [Supplementary Acts](#)

Reports:
- [Model ICT Law & Policy](#)

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ICT Eye Facts & Statistics

Publications

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Useful Links

GREX Virtual Tool for Regulators

Address book

GLOBAL SYMPOSIUM FOR REGULATORS (GSR)

7th GSR - Dubai, United Arab Emirates - 5-7 February 2007
- [Chairperson's report](#) (eng, esp, Español, Français, العربية) **NEW**
- [Best practice guidelines on Regulatory Frameworks to Promote NBN](#)
- [GSR in ITU News](#) **NEW** [en](#)
- [Side Event 4th Regional Regulators' Association](#)
- [The History](#)

GLOBAL SYMPOSIUM FOR REGULATORS
Global Symposium for Regulators

MORE EVENTS

[Workshop on NGN Interconnection in the Arab Region](#)
Manama, Bahrain, 2-3 May 2007
[Forum on Telecommunication Regulation in Africa \(FTRA-2007\): "Infrastructure Sharing"](#)
Nairobi, Kenya 6-7 June 2007

VIRTUAL EVENTS

[ITU/InfoDev ICT-Regulation Toolkit, New Technologies Module](#) - 15 March 2006

COOPERATION PROJECTS

ICT Regulation Toolkit
The ICT Regulation Toolkit is a web-based tool, organized as a series of linked modules to provide regulators, telecom service providers, policy makers, sector experts and the general public with latest on regulatory topics, best practices, and case studies.

ITU World Bank ICT Regulatory Decisions Clearinghouse
ICTDec is an online resource that provides a one-stop access point to decisions originating from ICT decision making bodies.

ICT Market Harmonization for ECOWAS/UEMOA
In 2004, the International Telecommunications Union (ITU) launched a regional project, in cooperation with the European Union, to support the establishment of an integrated ICT Market in West Africa.

[ITU News article](#)
[ECOWAS press release](#)

THE ITU ICT EYE

The ICT "eye" website: a one stop-shop for ICT information.

What is the eye?

NEWS

RMC Newsletter: News related to ICT Regulations

- ACWA publishes guidelines for narrowcasting television services
- CHILE SE CONECTA DE AFRICA A MAGALLANES PARA CELEBRAR EL DIA MUNDIAL DE LAS T...
- ERG has launched a public consultation on Next Generation Access Regulatory L...
- TSRI releases the Regulation on effective and speedy redressal of consumers &...
- European Commission takes next step in infringement proceedings because of Ge...
- [more...](#)

ITU News: March 2007
The Road to Next-Generation Networks (NGN):
- [GSR Issues Best practice guidelines](#)
- [Early adopters of NGN](#)

Enabling the Information Society

RMC Newsletter May 2006

PUBLICATIONS

[Trends in Telecommunication Reform 2002: The Road to Next-Generation Networks \(NGN\)](#)

[Trends in Telecommunication Reform 2006](#)
Revised edition of the 2002 report