

Regional ITU Seminar on Telecommunications/ICTs Costs and Tariffs for CIS countries

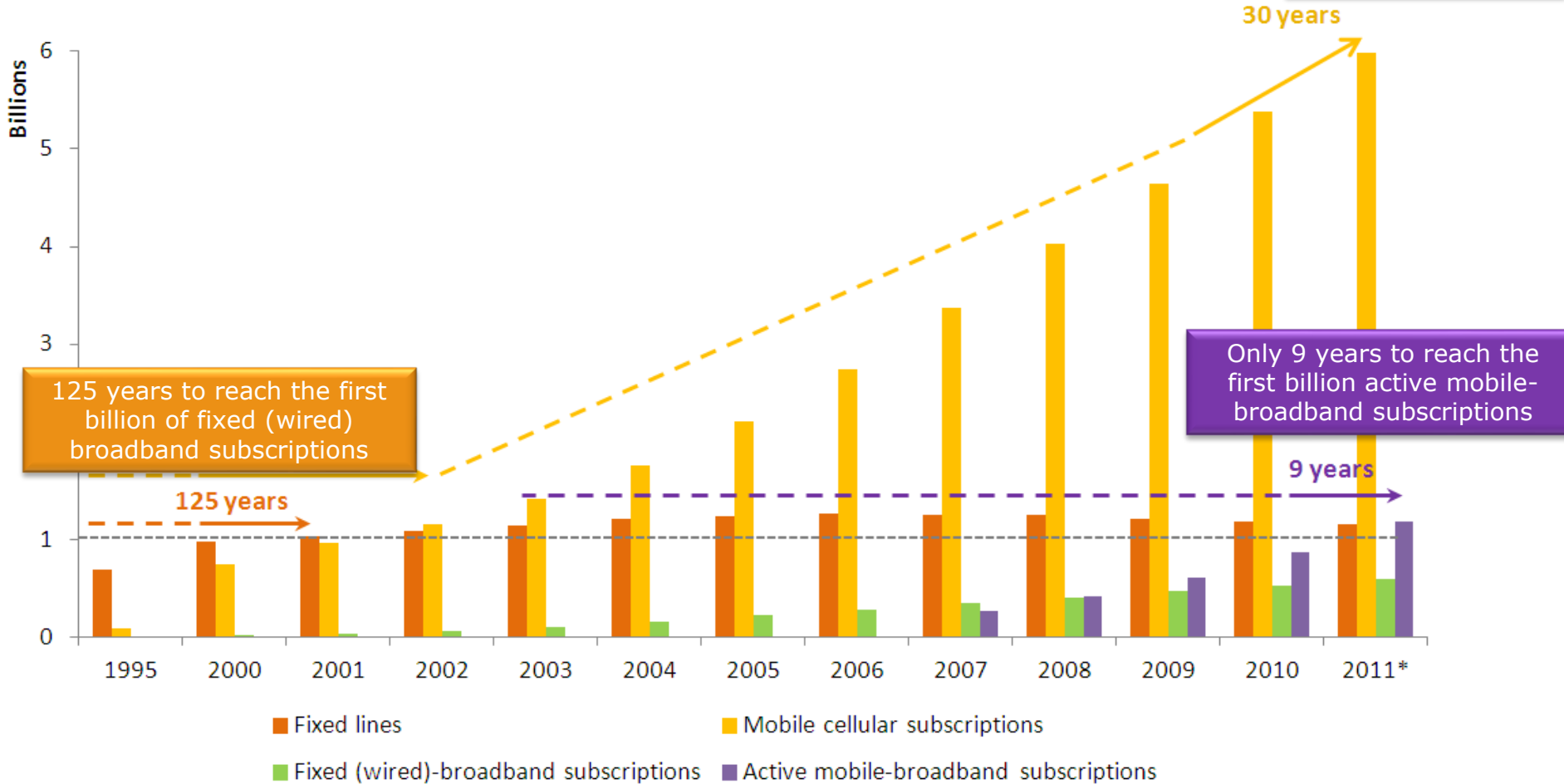
Odessa, Ukraine, October 24-26, 2012

Current trends in telecommunications/ICTs development and Tariff policies in the World

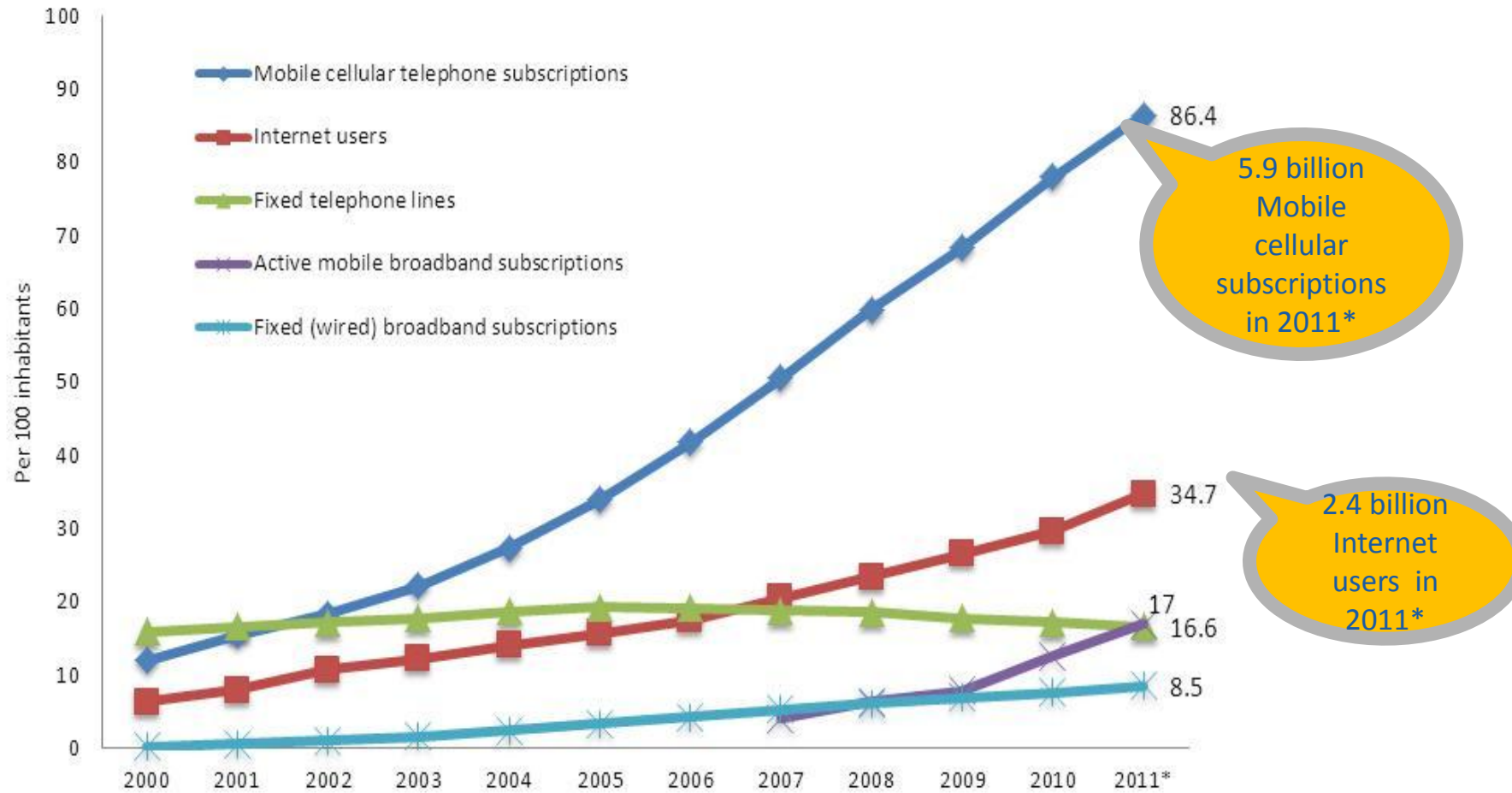
Orozobek Kaiykov, Andrei Untila, ITU CIS Regional Office
Carmen Prado-Wagner, Regulatory and Market Environment Division
Telecommunication Development Bureau, International Telecommunication Union

Reaching the next billion

30 years for reaching 6 billion mobile cellular subscriptions



Global ICT Developments, 2000-2011

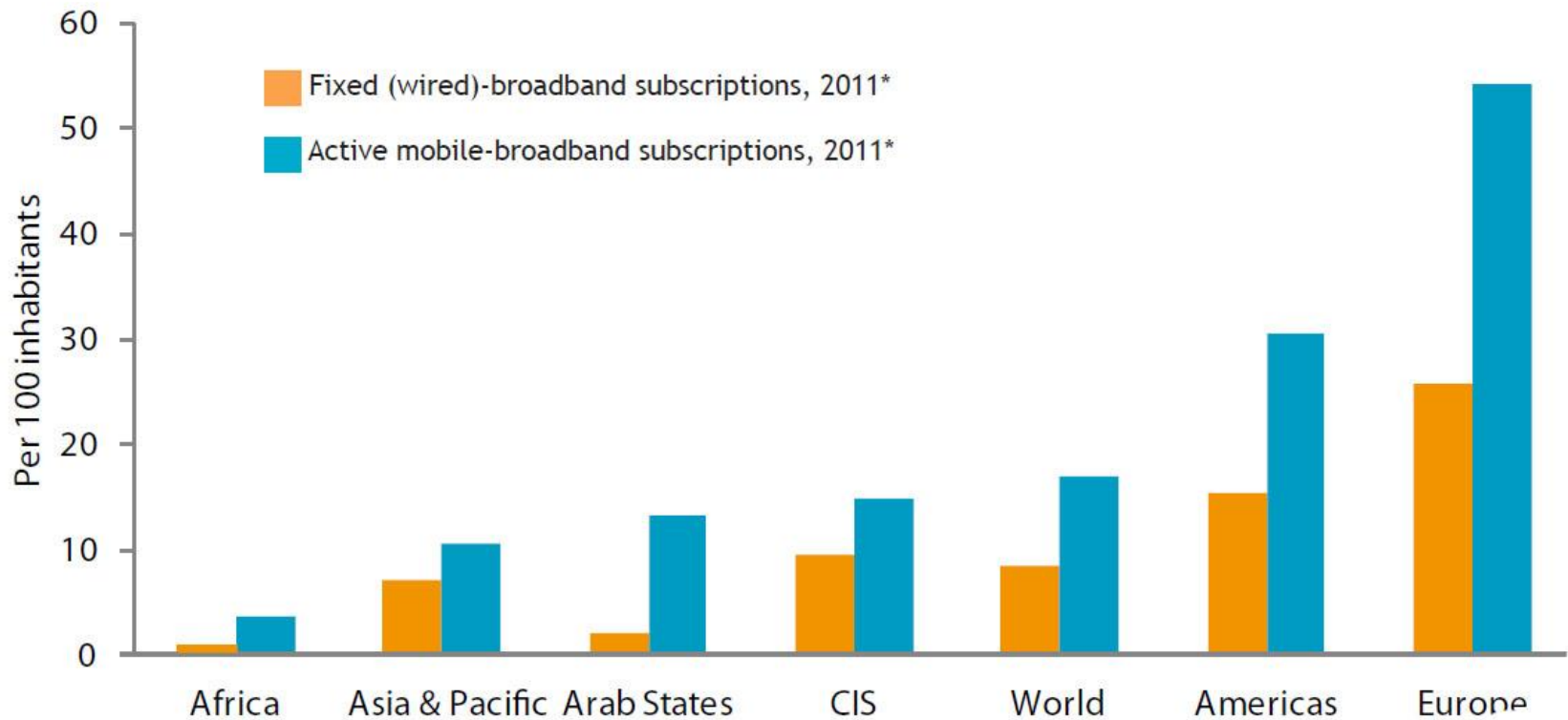


*Estimate

Source: ITU World Telecommunication /ICT Indicators database

The Global situation of Broadband

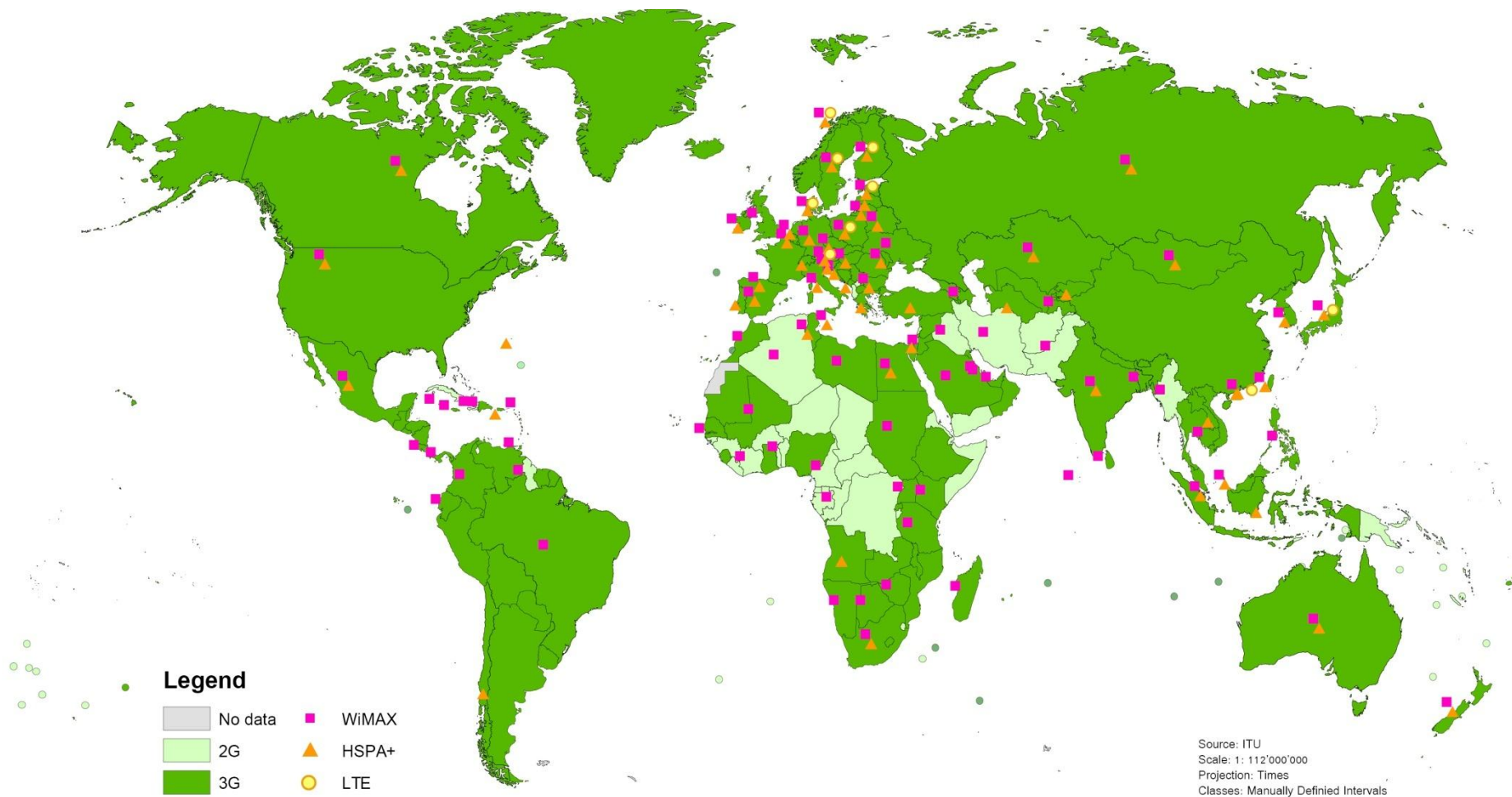
The World in 2011 — ICT Facts and Figures



Note: * Estimate

Source: ITU World Telecommunication/ICT Indicators database

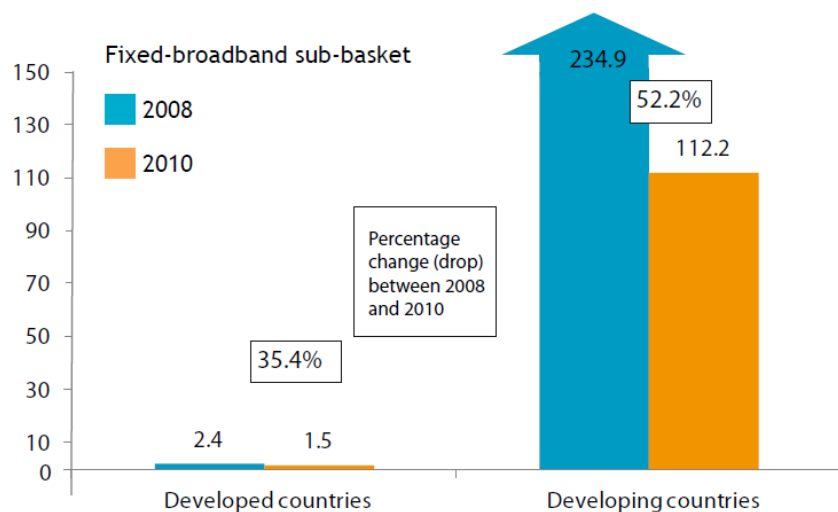
Availability of Mobile broadband, 2010



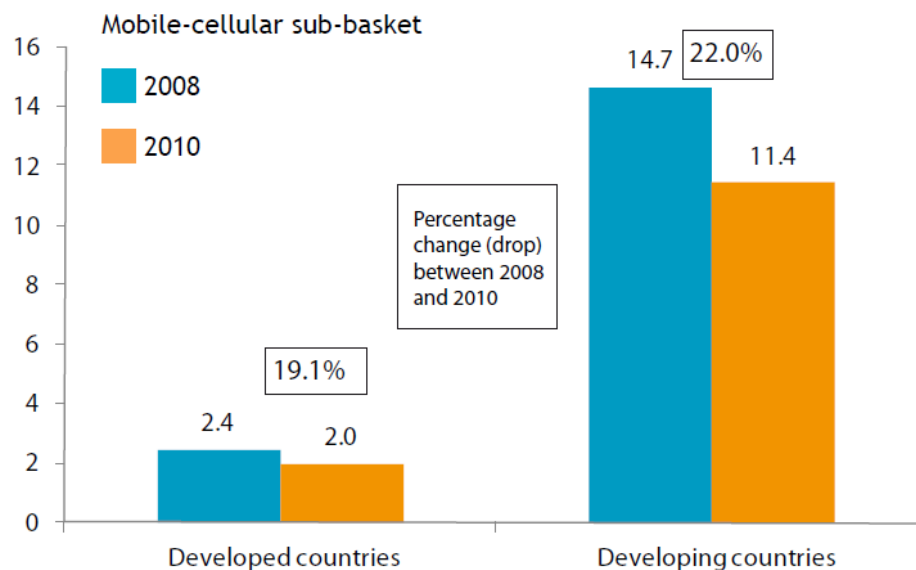
Denominations and classifications employed in these maps do not imply any opinion on the part of the ITU concerning the legal or other status of any territory or any endorsement or acceptance of any boundary.

Fixed Broadband Prices

drop by over 50% in just two years in developing countries



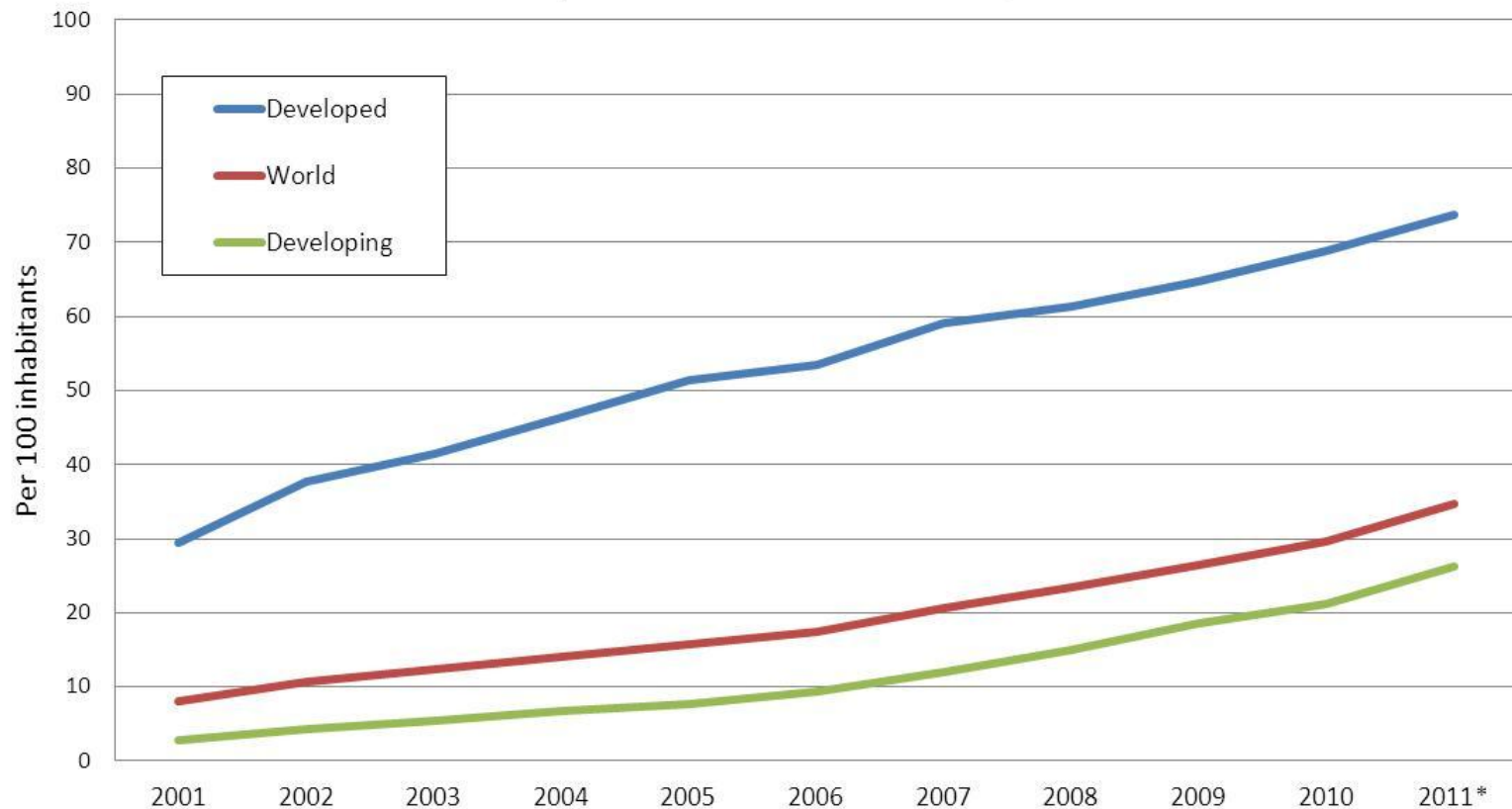
The ITU ICT Price Basket ¹ shows that between 2008 and 2010 ICT services have become more affordable and relative prices came down by an average of 18%, globally.



¹ The ITU ICT Price Basket is a composite measure based on three tariff sets — fixed-telephone, mobile-cellular and fixed-broadband Internet services — and computed as a percentage of average GNI per capita.

Internet is growing... but one third of the population isn't connected in 2011

Internet users per 100 inhabitants, 2001-2011*



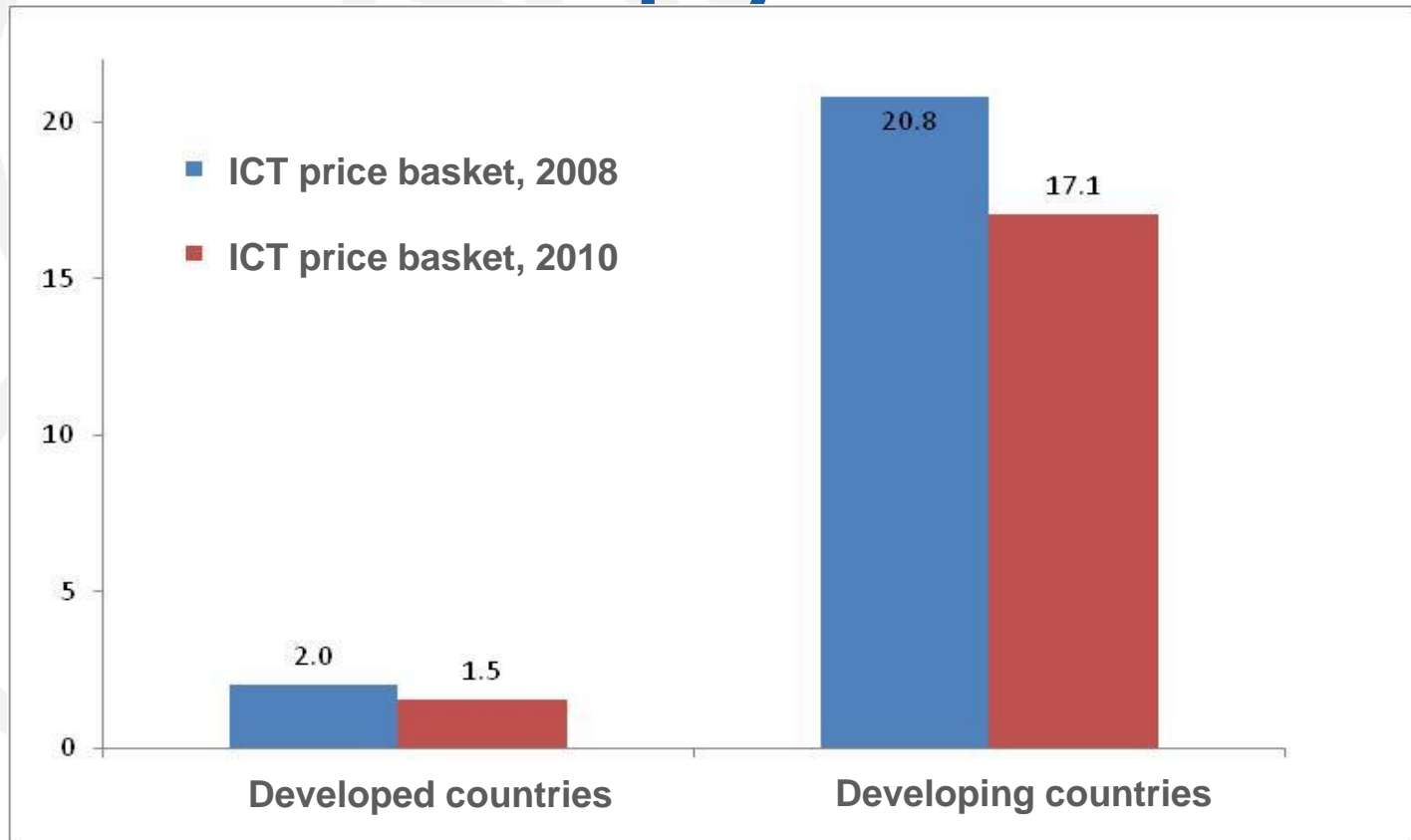
* Estimate.

The developed/developing country classifications are based on the UN M49, see:

<http://www.itu.int/ITU-D/ict/definitions/regions/index.html>

Source: ITU World Telecommunication /ICT Indicators database

The bad news is that developing countries pay more....



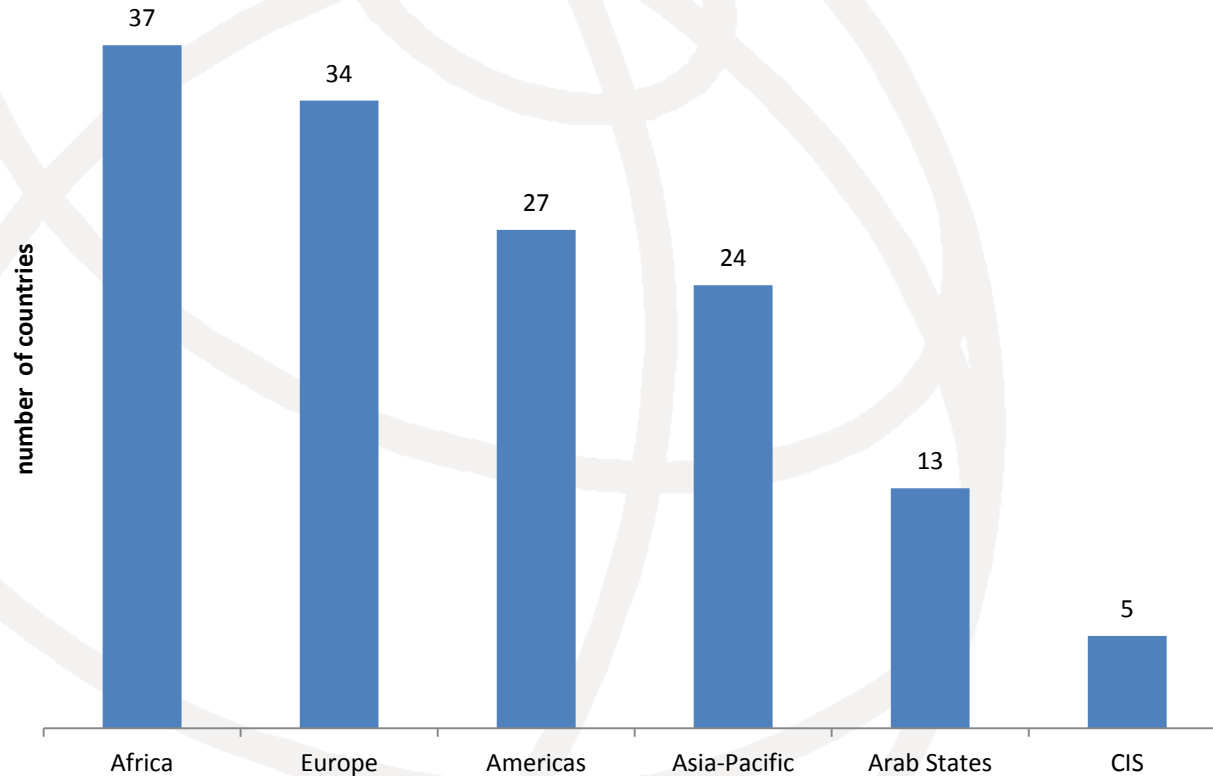
Source: ITU ICT Indicators database

Note About the IPB

ITU's ICT Price Basket (IPB) is a composite affordability measure based on three sub-baskets – fixed telephone, mobile cellular and fixed broadband Internet services – and computed as a percentage of average Gross National Income (GNI) per capita. As a comprehensive benchmarking tool, the IPB monitors the relative price of ICT services and provides an indication of how affordable services are across countries, and over time.

Regarding costs and tariffs regulation...

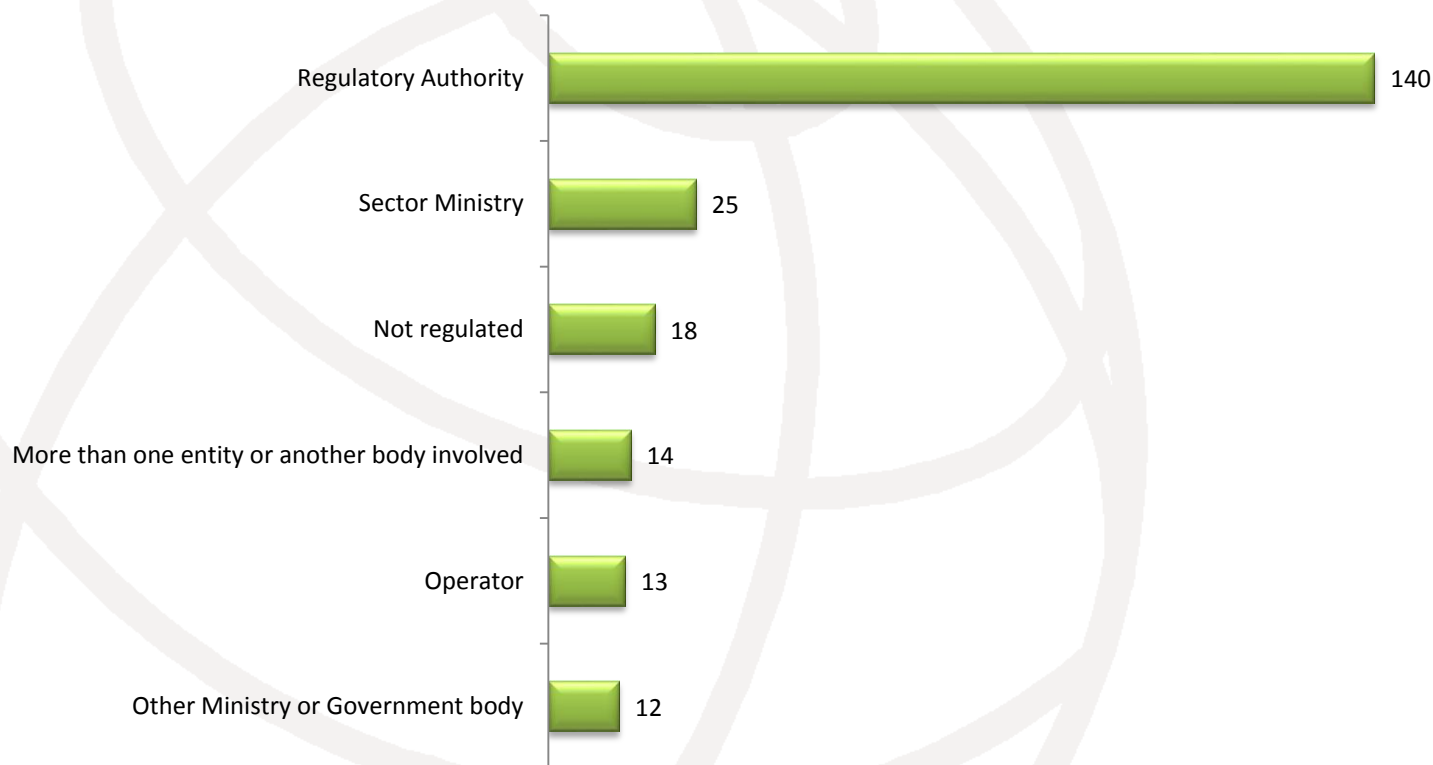
Regulators in charge of price regulation, 2011



Regarding costs and tariffs regulation...

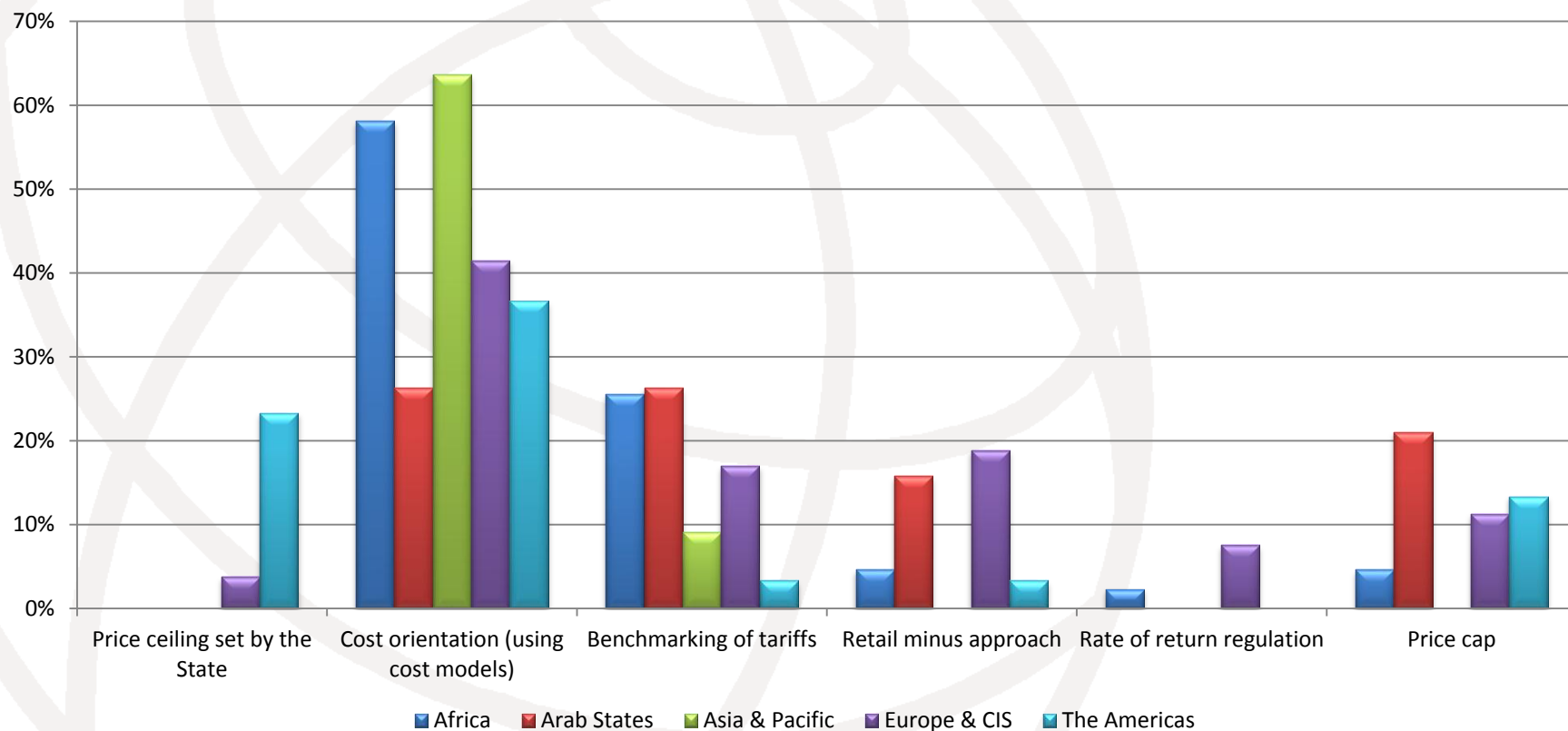
Who is responsible for price regulation?

World, 2011



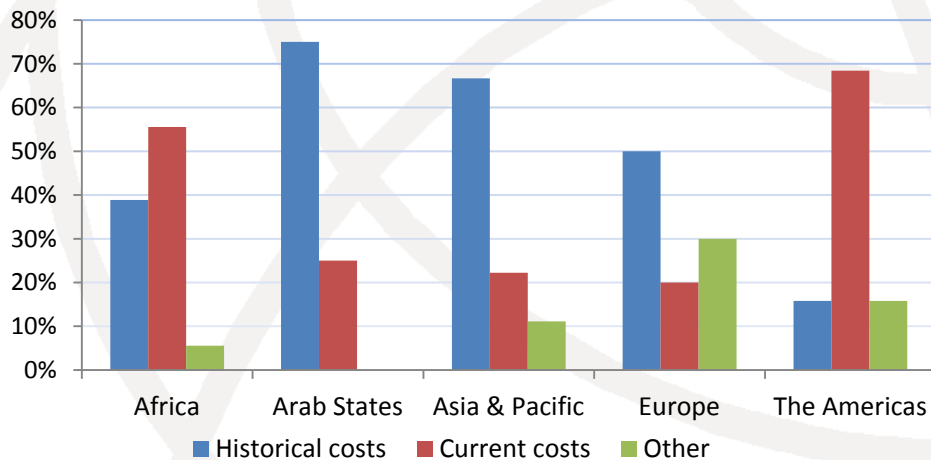
How are the wholesale tariffs of services regulated?

Wholesale Services - World, 2011



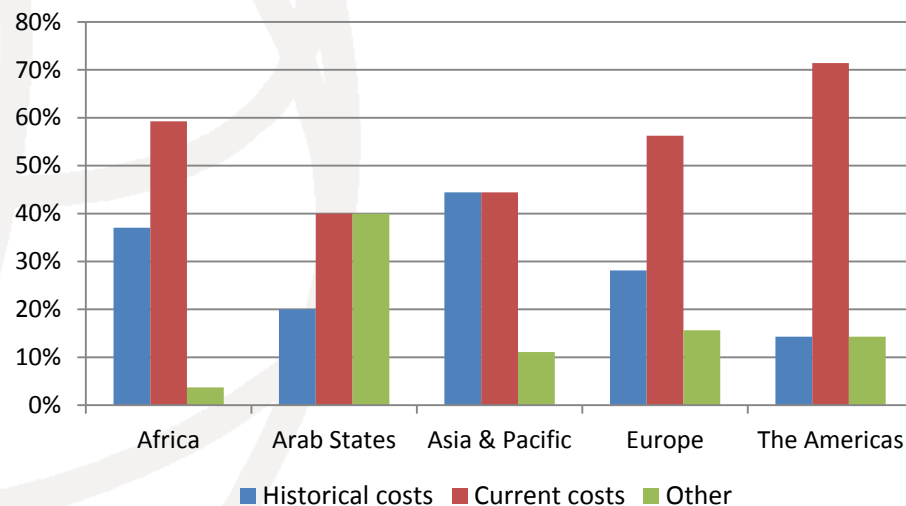
Type of cost on which cost models are based

Retail services



Source: ITU Tariff Policies Database, www.itu.int/icteye

Wholesale services



Source: ITU Tariff Policies Database, www.itu.int/icteye

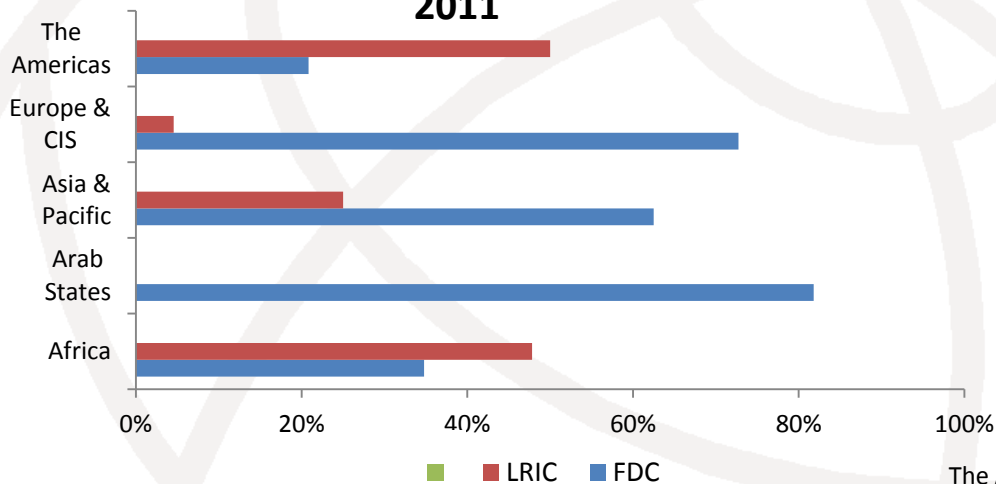
Historical and Current Costs

- Historical costs: Based on the cost price of equipment and services
- Current costs: Take account of the changing environment, for instance falling prices of telecommunication equipment, currency depreciation

Which concept is used as the basis for calculating telecommunication service tariffs?

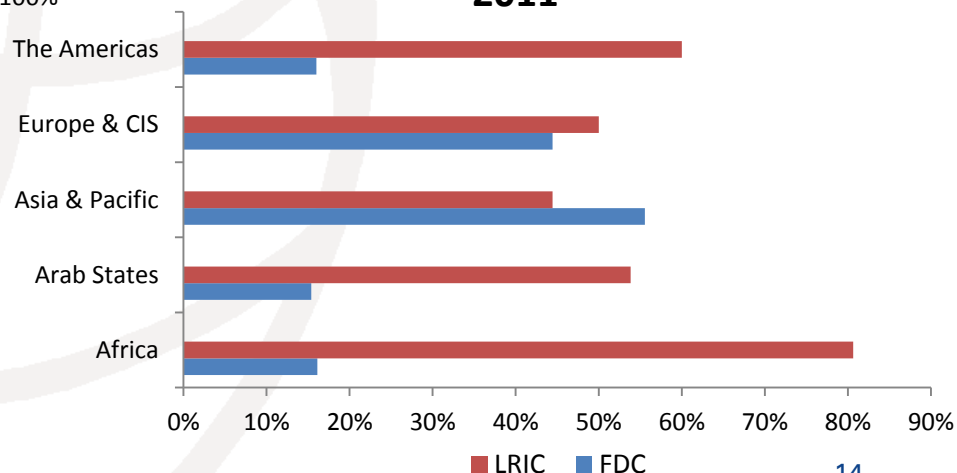
Retail telecommunication services

2011



Wholesale telecommunication services

2011



Source: ITU Tariff Policies Database, www.itu.int/icteye

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www.itu.int/icteye



- ITU ICT EYE**
- ICT Statistics
- Regulatory Information
- Tariff Policies
- Scientific Institutions
- WSIS Stocktaking

- ITU ICT EYE**
- REPORTS
- SURVEY LOGIN

Welcome to ITU's ICT Eye

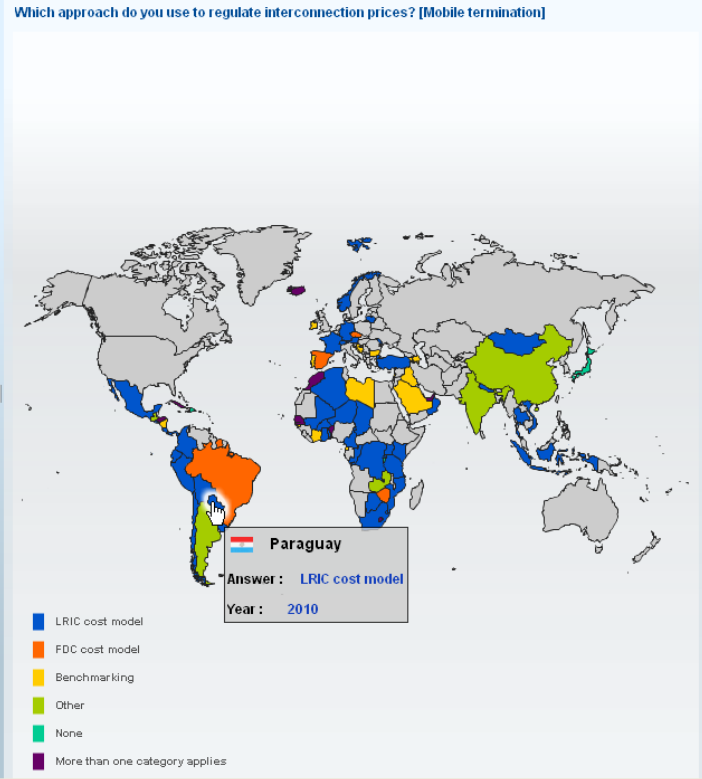
ITU, the UN specialized agency for telecommunications, has its "eye" on ICTs and is recognized around the globe as the leading provider of timely and comprehensive telecommunication/ICT statistics and trends. The ICT "eye" website is a one stop-shop for ICT information and provides telecommunication/ICT indicators and statistics, regulatory and policy profiles, national tariff policies and scientific institutions, and much more...



News

25 May 2010
 New website launched with an *interactive data map* and *dynamic reporting* for creating your own reports.

- Latest year:
- Select country/economy:
- Regulatory Information
 - ICT Statistics
 - Tariff Policies
 - Tariff rebalancing
 - Regulations for use of IP
 - Concept dominance
 - Interconnection
 - Interconnection charging
 - Interconnection charging
 - Approach used to regulate interconnection prices? [Mobile termination]
 - LRIC cost model
 - FDC cost model
 - Benchmarking
 - Other
 - None
 - Approach used to regulate interconnection prices? [Fixed termination]
 - LRIC cost model
 - FDC cost model
 - Benchmarking
 - Other
 - None
 - Next Generation Network systems
 - Types of cost
 - Determination of price



Broadband Universe – New *ITU portal*

Broadband Universe - ITU Portal

Highlights

Off the shelf

- The World in 2011: ICT Facts and Figures
- Smart regulation in a broadband world, GSR11 discussion papers
- Trends in Telecommunication Reform 2010-2011
- More publications...

News Magazine



Events



Video

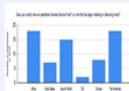


Newsroom



Infographic Blog

- ITU Newslog with latest info on broadband



Follow us on tmlr. | **now available!** |

Broadband Atlas

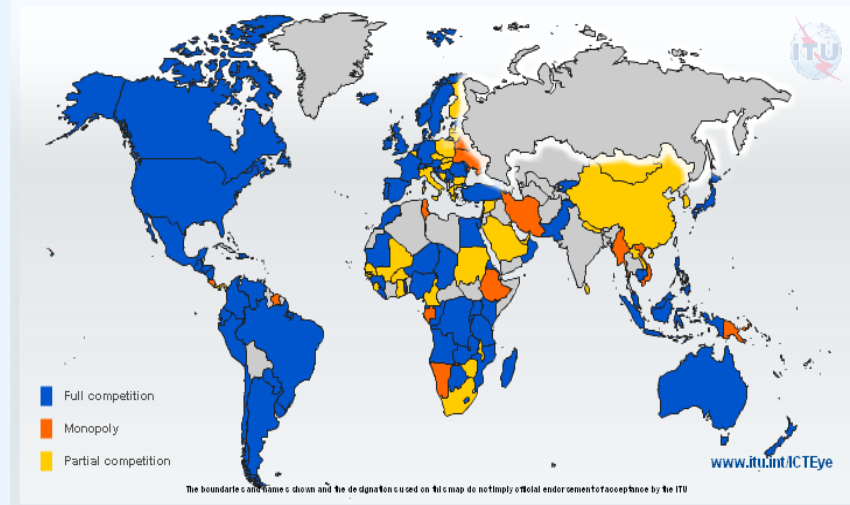
- New interactive 3D tool on broadband deployment
- Thematic broadband maps | **coming soon!** |



Interactive B - Tool

National Broadband Plan	Pricing	Competition	Universal Access/Service	B-Stats	Full screen
IMT2000 (3G, 4G)	Fixed wireless broadband	Cable	DSL	More Options	

Level of competition in mobile broadband services



Snapshots



Trends & Tips

- Trends Overview
- What to B next
- I plan 2 B



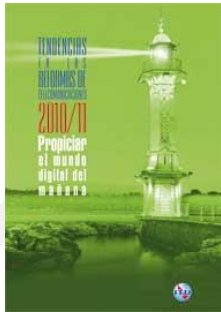
Resources

- ITU Activities | **TOP RATED !** |
- Online ITU Resources
- External Resources



Initiatives

- Broadband Commission
- ITU Broadband Website
- Broadband Leadership Summit



Публикации, относящиеся к МСЭ

Направления в реформе электросвязи 2010-2011 годов: Завтрашний мир, благоприятный для развития цифровых технологий

Coming Soon!



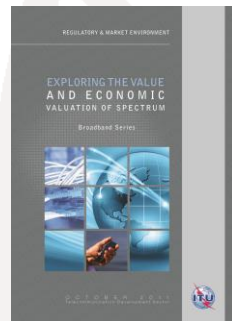
Направления в реформе электросвязи 2012 года: умное регулирование в мире широкополосной связи

- Регулирование национальных политик, стратегий и планов в области широкополосной связи
- Регулирование открытого доступа к цифровой экономике
- Стратегии финансирования универсального широкополосного доступа
- Панорама регулирования мобильного банкинга
- Инновации с использованием широкополосной связи
- Права на интеллектуальную собственность в современной цифровой экономике
- Противостояние проблеме регулирования социальных медиа
- Электронные отходы: кто за это отвечает?

www.itu.int/ITU-D/treg/publications/index.html

Отчеты 2011 года по тематике широкополосной связи:

- Регулирование глобальной широкополосной спутниковой связи
- Исследование значения и экономическая оценка спектра
- Понимание влияния широкополосной передачи на экономику отдельных стран и мировую экономику
- Регулирование цен на услуги широкополосной связи



Thank you for your
attention

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