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# ***SUPPORT ACTIONS IN THE REGULATORY FIELD***

***4<sup>th</sup> Euro-Africa Cooperation Forum on ICT Research  
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# Agenda

- 1. Overview of the ICT sector : Market and Regulatory trends**
- 2. Changing Policy, Legal and Regulatory environment :**
- 3. A concrete example of support: ITU - EC - ACP project**

A large, faint, light gray graphic of a globe with latitude and longitude lines, centered behind the main text.

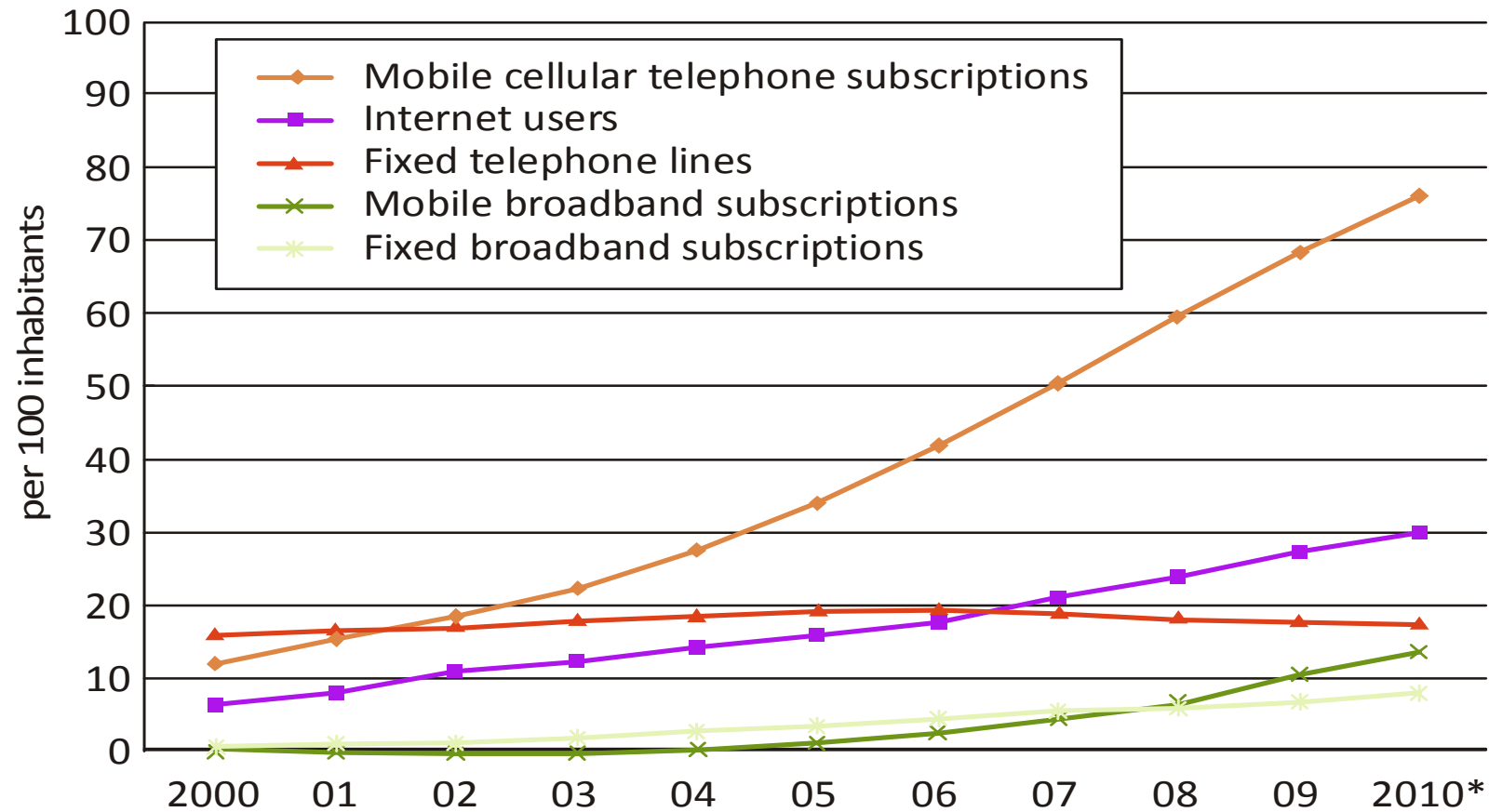
# **1. Overview of the ICT sector : Market and regulatory trends**

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# Growth of ICTs

## Global ICT development, 2000-2010

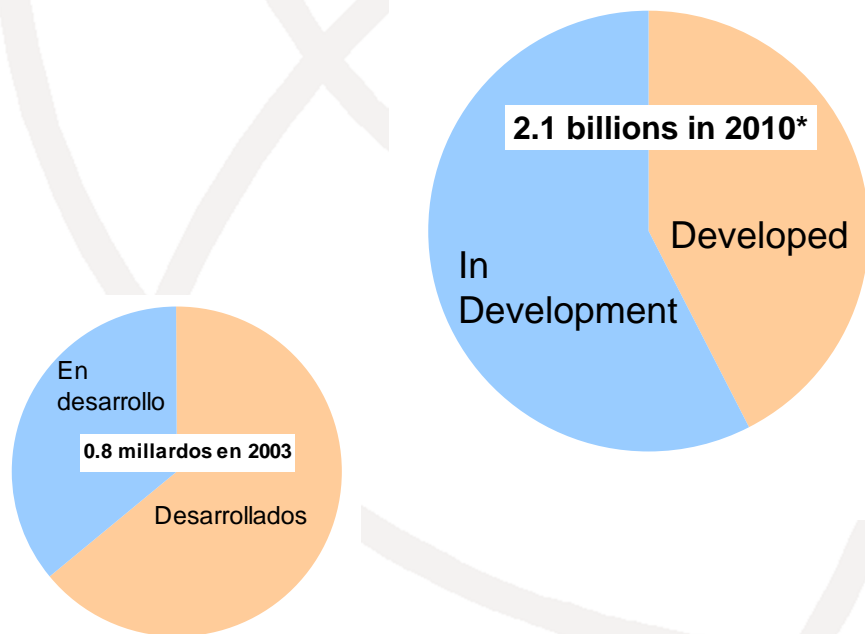


\*Estimates  
Source: ITU Telecommunication/ICT Indicators Database

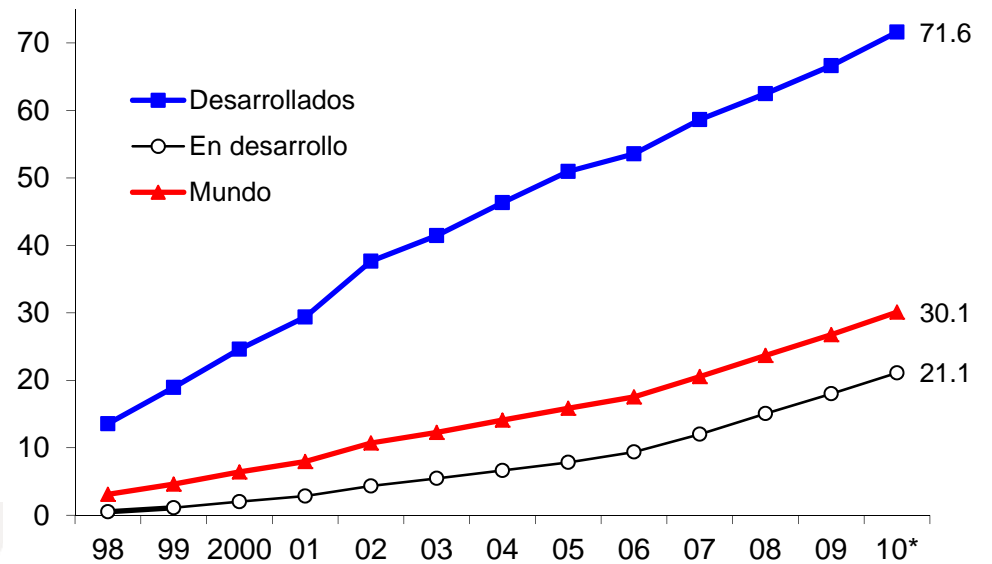


# Internet Penetration Massive Growth However 70% not connected...

Internet Users



Internet Users per 100 Inhabitants

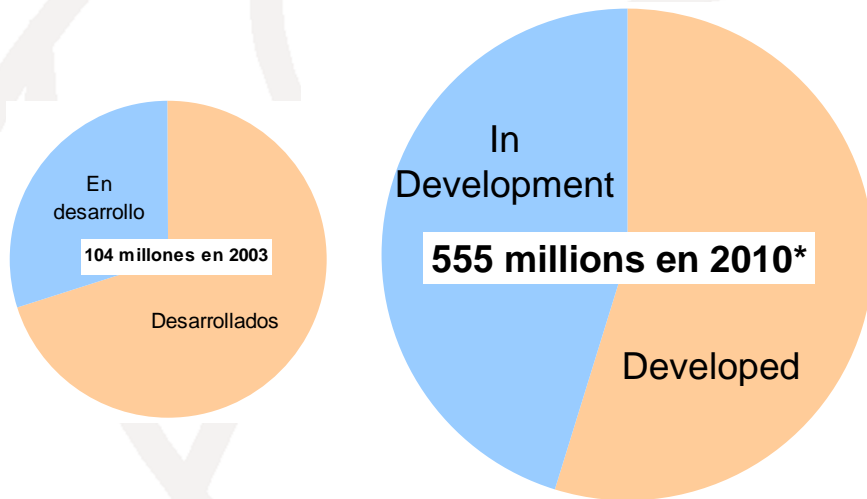


Source: ITU Telecommunication/ITC Indicators Database  
Note: \* Refers to an estimate



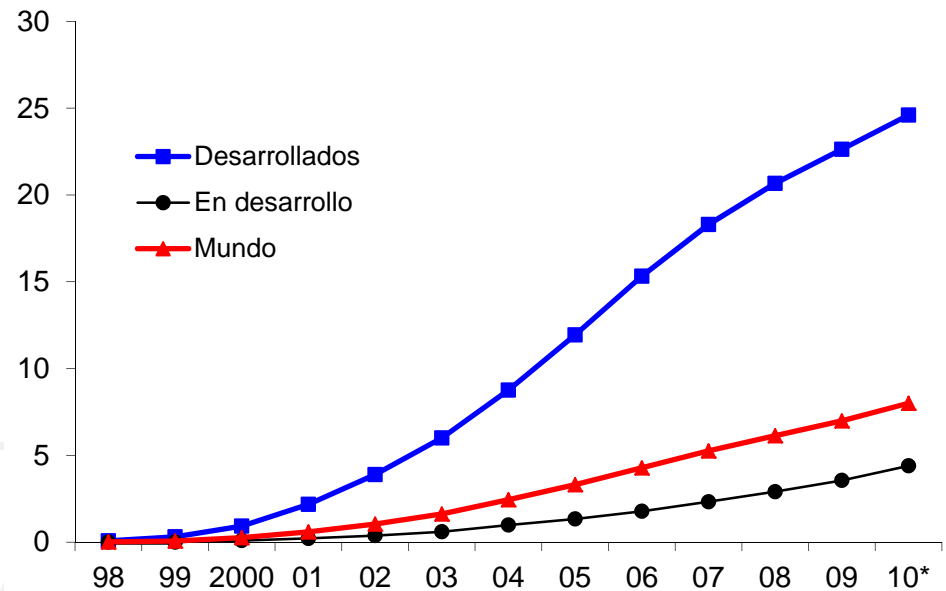
# ... and even less via high speed broadband connections

Number of Subscribers to Fixed Broadband



- China surpassed the United States in 2008 as the largest market.
- Half of the 250 million subscriptions to broadband in developing economies are in China.

Subscribers to Fixed Broadband per 100 inhabitants



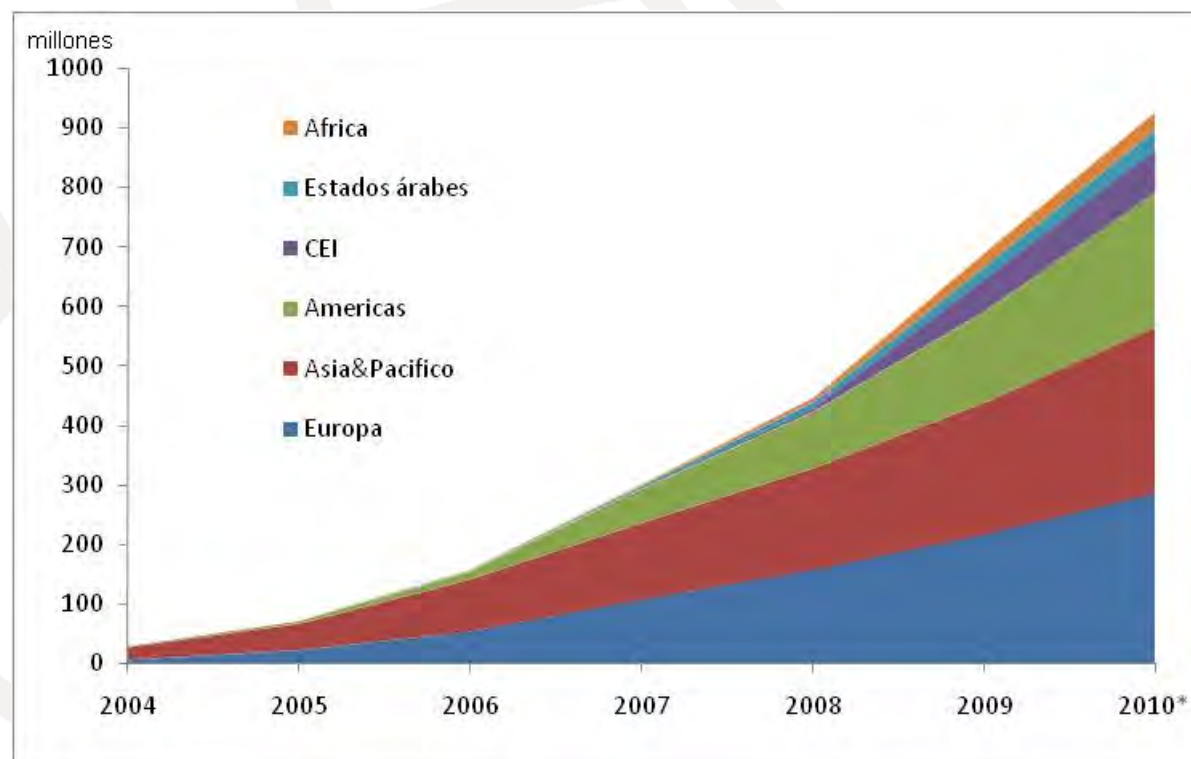
Source: ITU Telecommunication/ICT Indicators Database

Nota: \* Refers to an estimate



# Wireless broadband take-off

Number of Subscribers to Mobile Broadband



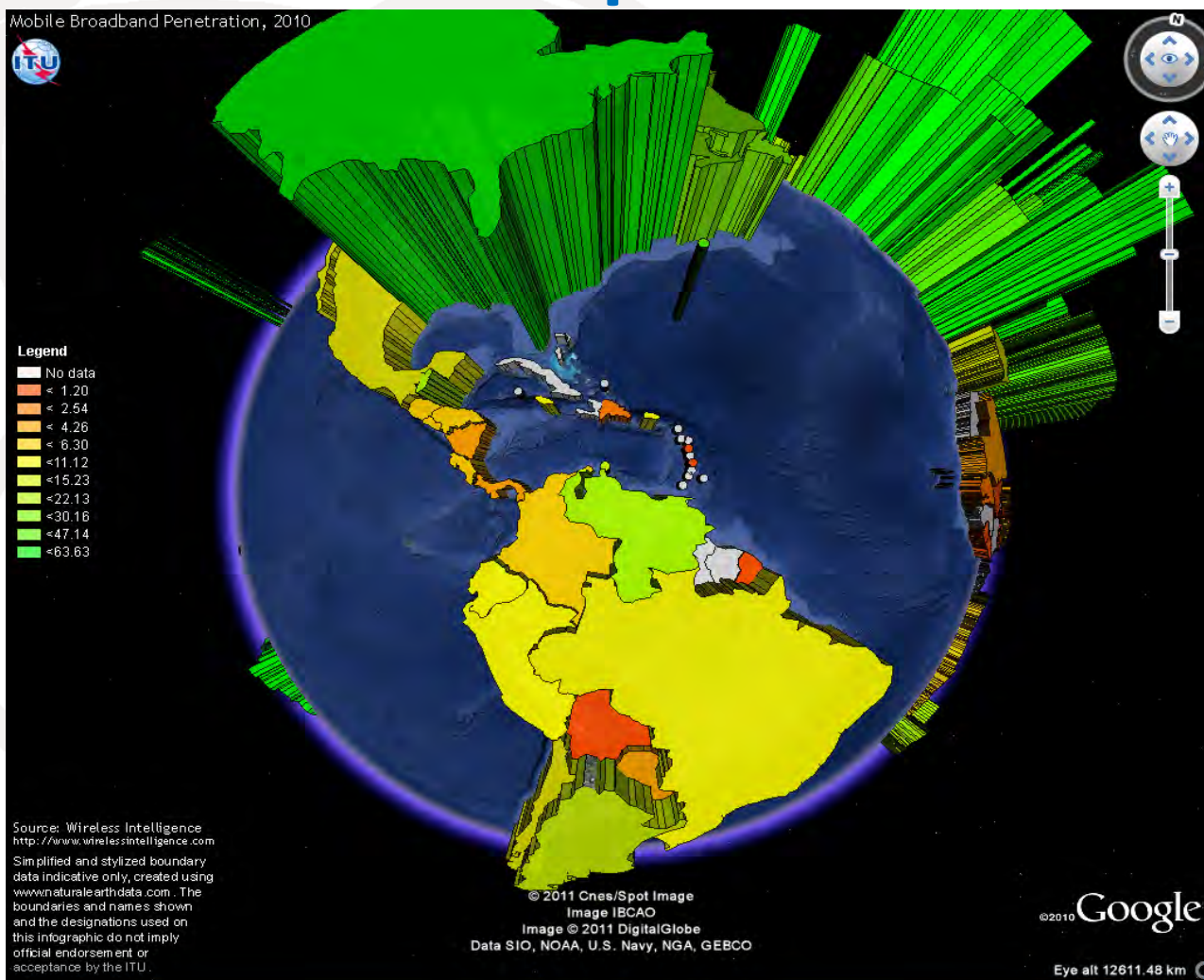
\* Estimates

Source: ITU Telecommunication/ITC Indicators Database



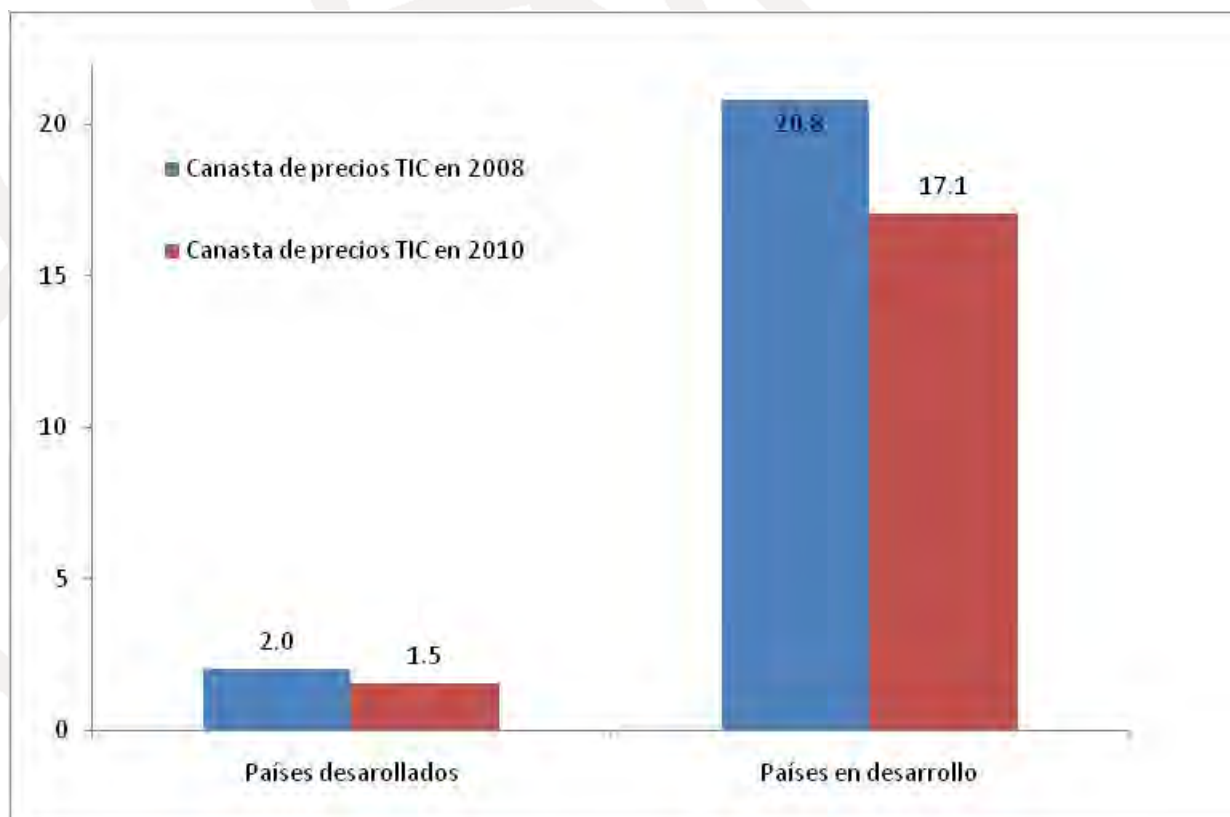
# Wireless BB penetration

www.itu.int/atlas





# Developing countries continue to pay more

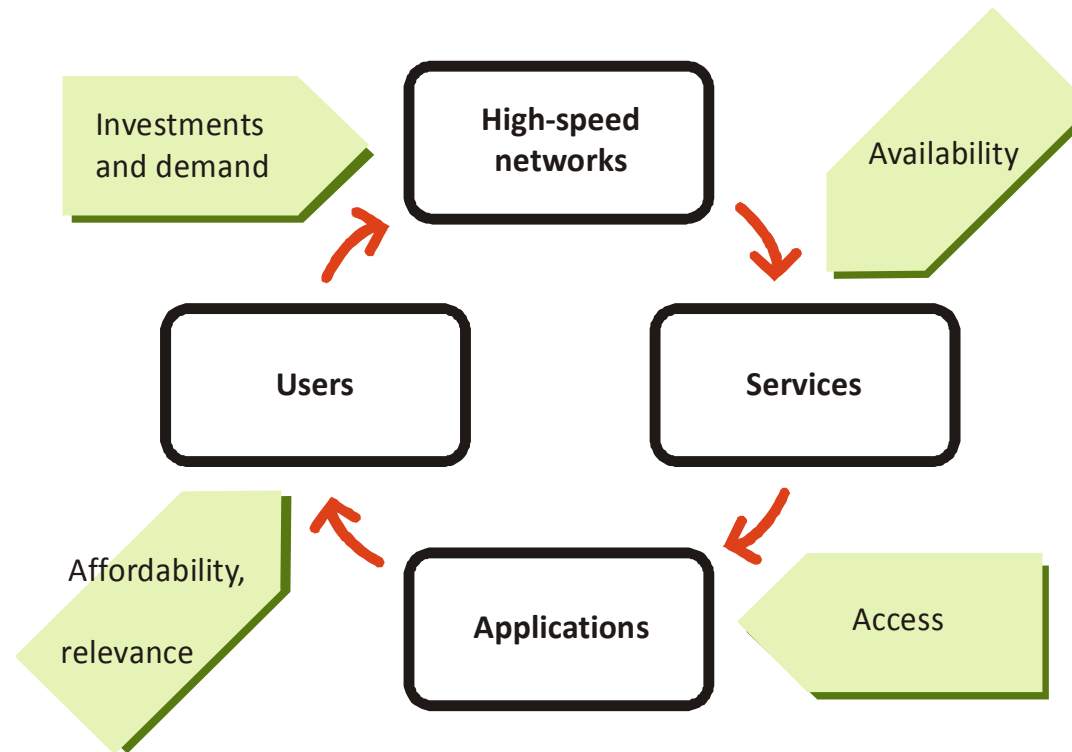


Source: ITU



## 2. Changing Policy, Legal & Regulatory Environment

# The Broadband Eco-system



Source: Strategies and Policies for the Developing World, GICT, World Bank



## Setting national broadband plans- *Opportunities offered by broadband*

- A National Broadband Plan is as much a social contract as a call to develop an industry base
- Addressing infrastructure solutions , penetration and access is not sufficient
- A Plan needs to also address skill acquisition, training and competence to use the access
- A Plan should lead to a stronger foundation to the three pillars of effective government, private investment, and a more active citizenship

Source: R. Horton, GSR11 Discussion Paper on Setting National Broadband Policies Strategies and Plans



### **3. A Concrete Example of Support: ITU - EC - ACP Project**



## A global Project for the ACP countries

- An effectively functioning **ICT sector** is a key driver for development, growth and employment
- **ITU and European Commission** signed a global project to provide “*Support for the establishment of **harmonized policies for the ICT market in the ACP states***” end 2007
- Component of “**ACP-Information and Communication Technologies**” programme (@CP-ICT) within the framework of the 9<sup>th</sup> European Development Fund
- **3 regional sub-projects** addressing specific needs of each region

### **HIPCAR**

Enhancing competitiveness in the **Caribbean** through the harmonization of ICT Policies, Legislation and Regulatory Procedures (3 years)

### **HIPSSA**

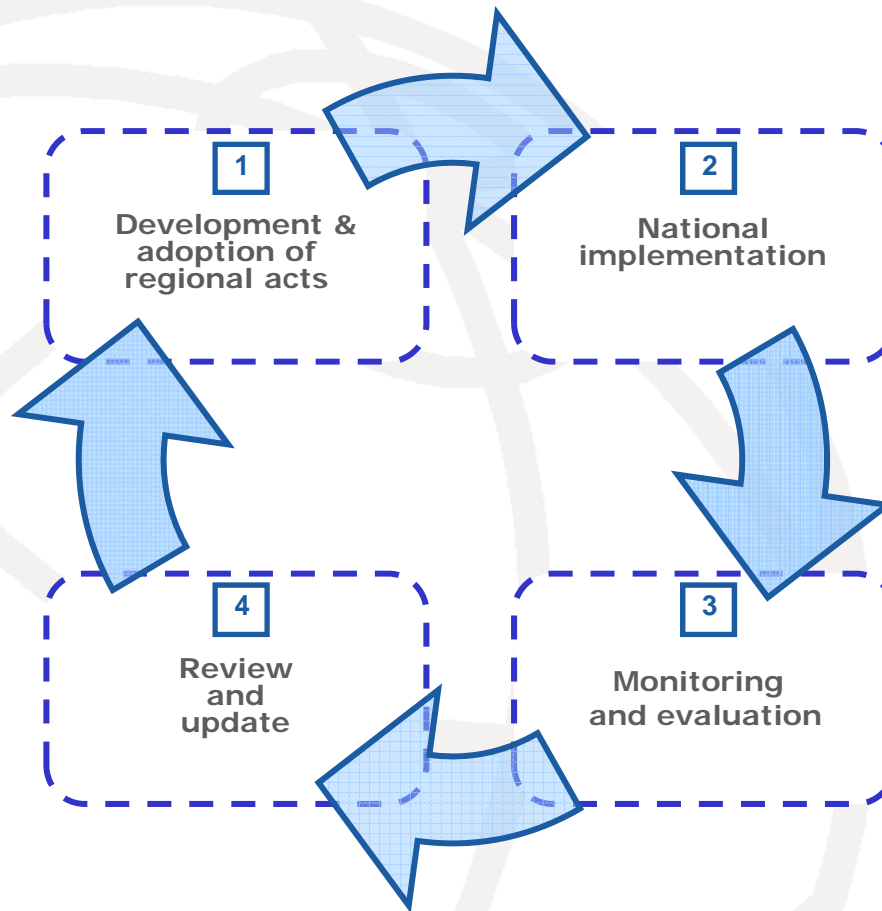
Support for harmonization of the ICT Policies in **Sub-Saharan Africa** (3years)

### **ICB4PAC**

Capacity Building and ICT Policy, Regulatory and Legislative Frameworks Support for **Pacific Countries** (2 years)

## Harmonisation Cycle

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- The ITU-EC Project focuses on stage 1, 2
- Stage 3 and 4 will need to be considered over the time to ensure quality and update

## Priority Areas

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### HIPSSA

#### List of 8 common subjects or priorities

Licensing

Universal service

Spectrum management

Numbering

Interconnection  
Including Sub Marine Cable

Cybersecurity

Analog to Digital  
Broadcasting  
Migration

Statistics

### HIPCAR

#### List of 9 common priorities

##### 1) Information Society Issues

- e-Commerce (Transactions)
- e-Commerce (Evidence)
- Privacy and Data Protection
- Interception of Communications
- Cybercrime
- Access to Public Information (Freedom of Information)

##### 2) Telecommunications

- Universal Service/Access
- Interconnection
- Licensing

### ICB4PAC

#### List of 7 common priorities

National ICT Policy

Interconnection  
Cost Modeling

International Roaming

Cyber-security

Licensing

Universal Service

Numbering

## Stage 1: Regional Level

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- **Assessment** current situation in all the countries.
- Identification of **regional best practices and failures**.
- Comparison with **international best practices**.
- Open discussion on the **pros and cons of each model** (stakeholders deciding on the best model suited for their region).
- Definition of **Policies** (building blocks).
- Drafting Legislative **Guidelines**.
- A first raw of **institutional and human capacity building**.

## Stage 2: National Level

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Further to the completion of the Regional Guidelines the project moves to  
**In-Country Support (National Transposition)**

- Transposition into national frameworks of beneficiary countries in coherence with the national strategies of each of them
- An opportunity to expose a larger audience to the provisions of the new draft policy & legislation and to receive press coverage:
  - Representatives from ICT ministry and regulator.
  - Representatives from various other ministries (home affairs, finance, etc.) and AG's office.
  - Police.
  - Parliamentarians and magistrates, etc.
  - Civil society among them consumers associations, NGOs, etc.
  - Private sector among them business council, professional associations, operators and internet service providers, etc.



## The philosophy of a National Transposition

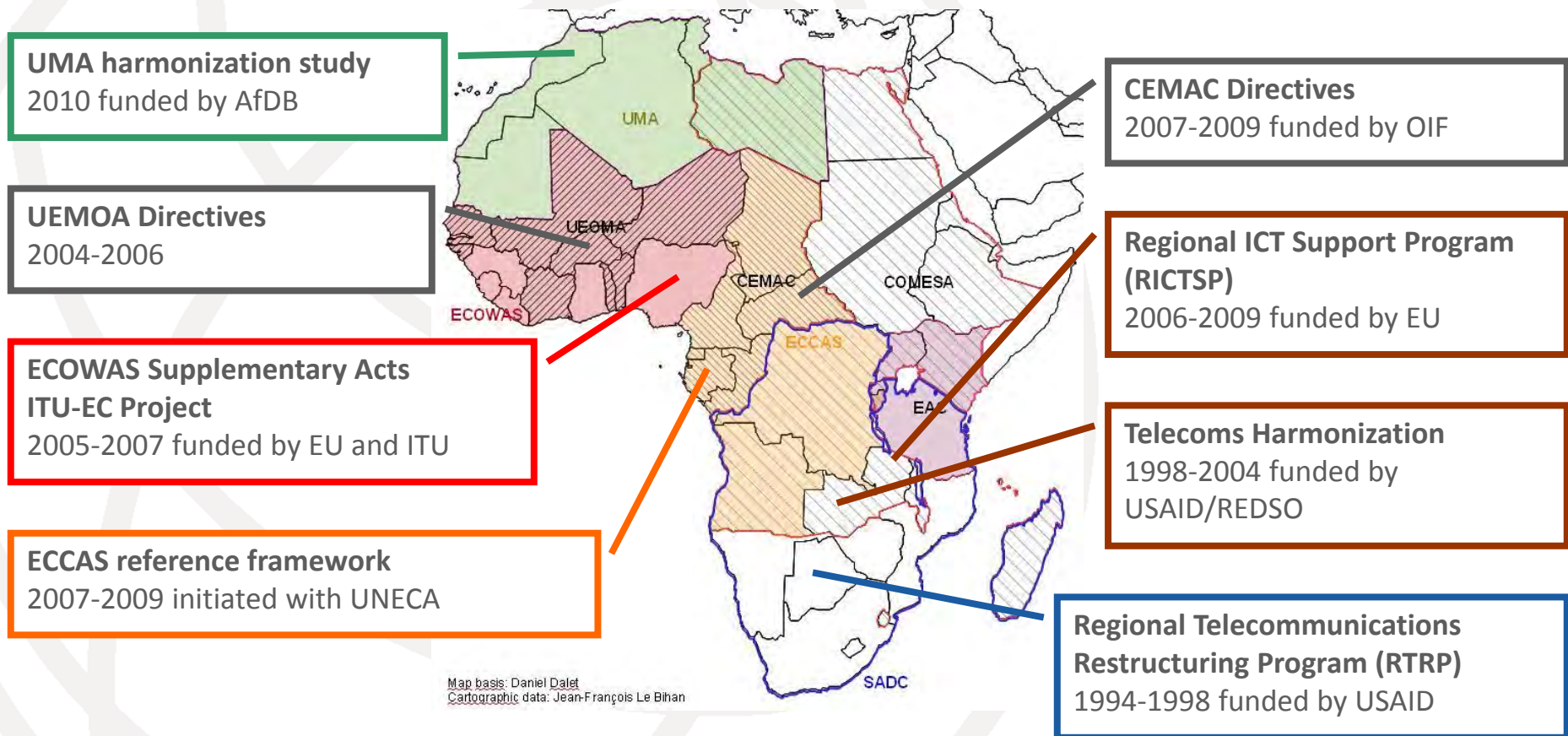
(to be adapted to each country)

- Pairing of **national expert** (local knowledge) with **international expert** (regional Guidelines know-how);
- **Comparison** of the national legislation with the regional Guidelines;
- **Drafting** by a national team with the support of the experts:
  - Preparation of a first draft for comments;
  - Second draft taking into account relevant amendments;
- **Validation workshop** where controversial amendments are discussed;
- A second raw of **institutional and human capacity building**



## Additional Challenge: Heterogeneity of Sub-Regions in Africa

### HIPSSA Building on Regional Harmonisation Efforts Since the Late 90's





# The Global ITU-EC-ACP Project is a Platform for Sustainable Harmonisation

- Bottom up approach. Robust **regional** deliverables:
  - **Assessment** of the current situation in all the countries to identify regional best practices and past errors;
  - Comparison with **international best practices**;
  - Regional **policy** Guidelines;
  - Regional **legislative** Guidelines;
- In Country support: **transposition** into individual countries;
- Link substance of policy and legislation to human & institutional **capacity building**
- Incorporation of past and current projects of other international and regional organizations (**synergies**)
- ...is progressively creating a harmonisation dynamism and improve exchanges of best practices

# Thank you for your attention

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[http://www.itu.int/ITU-D/projects/ITU\\_EC\\_ACP/index.html](http://www.itu.int/ITU-D/projects/ITU_EC_ACP/index.html)