

ITU/BDT Activities in the Europe and CIS Region

**Seminar on Economic Dynamics of Newly
Liberalized Telecommunication Markets
in CEE and Baltic States**

**Vilnius, Lithuania,
5th October 2004**

Presented by Nenad Stankovic



International Telecommunication Union (ITU)

- UN Specialized Agency for telecommunications
- Oldest inter-governmental organization (established in 1865 and part of the UN family since 1947)
- Global organization with broad membership
 - 189 Member States and
 - 600+ sector members
- Triple global mandate



ITU's Triple Global Mandate

1. Radiocommunication Sector (ITU-R)

Coordinate use of radio-communications resources (frequencies, satellite orbits, etc.)

2. Standardization Sector (ITU-T)

Establish global telecom standards

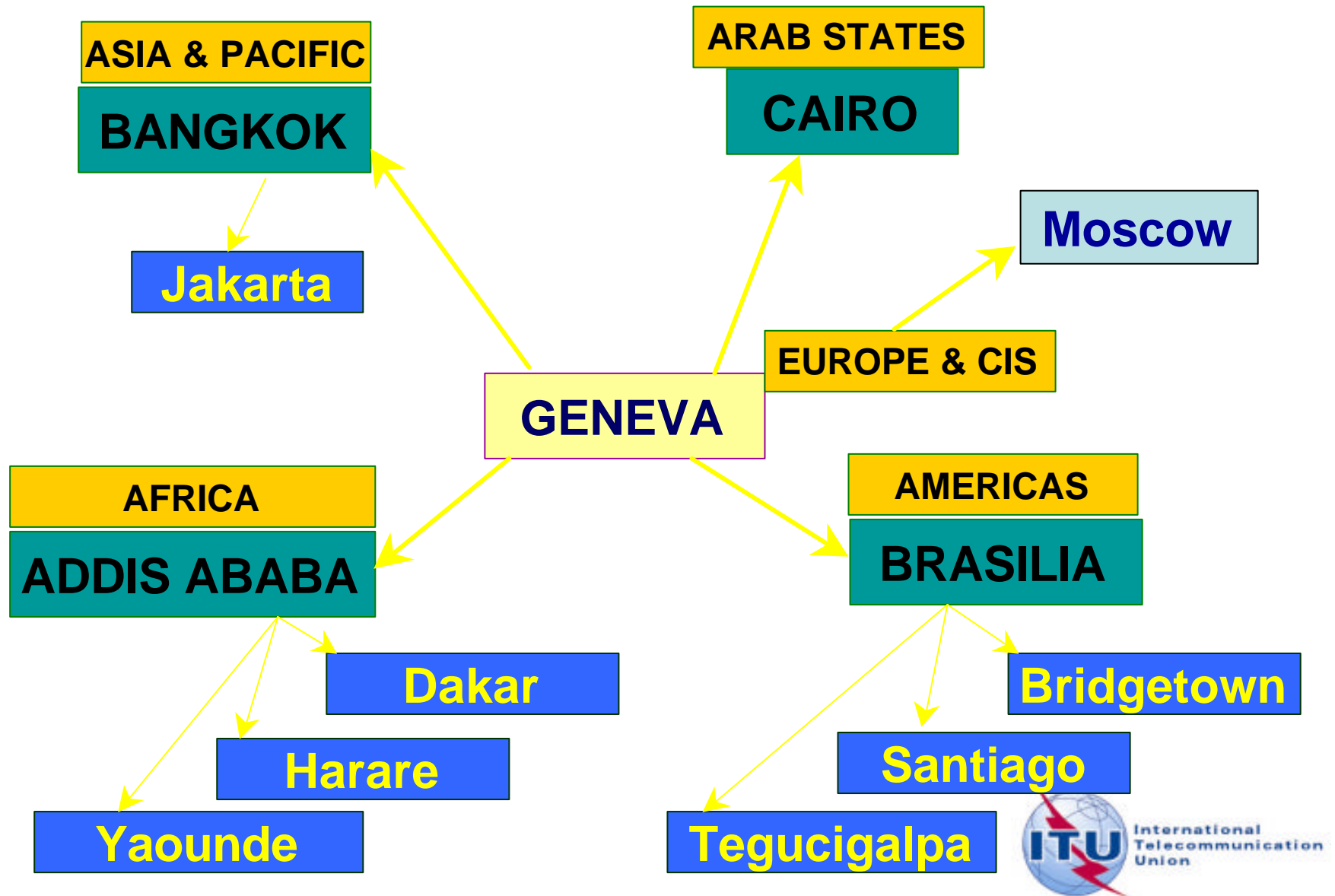
3. Development Sector (ITU-D)

Promote the development of ICT sector worldwide and in the Regions:

- Africa
- Americas
- Arab States
- Asia & Pacific
- Europe & CIS



Network of ITU Field Offices



ITU Development Sector

**Program of Cooperation among members
in the Telecom Development Sector**

- **TDAG**
- **Study Groups**
- **Regional Conferences**
- **WTDC**

ITU-D Action Plans

The world's only cross-regional telecommunication development programmes defined by World Telecommunication Development Conferences (WTDCs) every four years

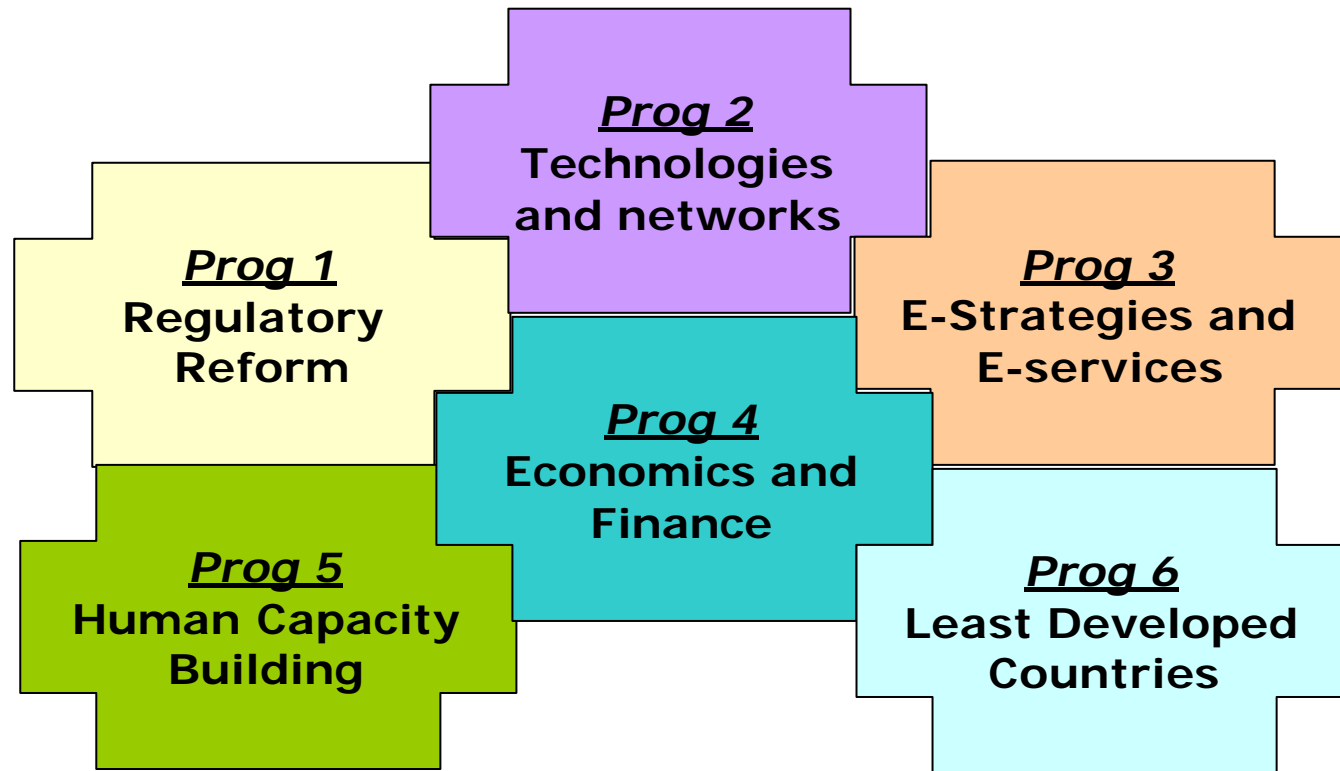
1. Buenos Aires Action Plan (1995-1998)
2. Valletta Action Plan (1999-2002)
3. Istanbul Action Plan (2003-2006)
4. Doha Action Plan (2007-2011)



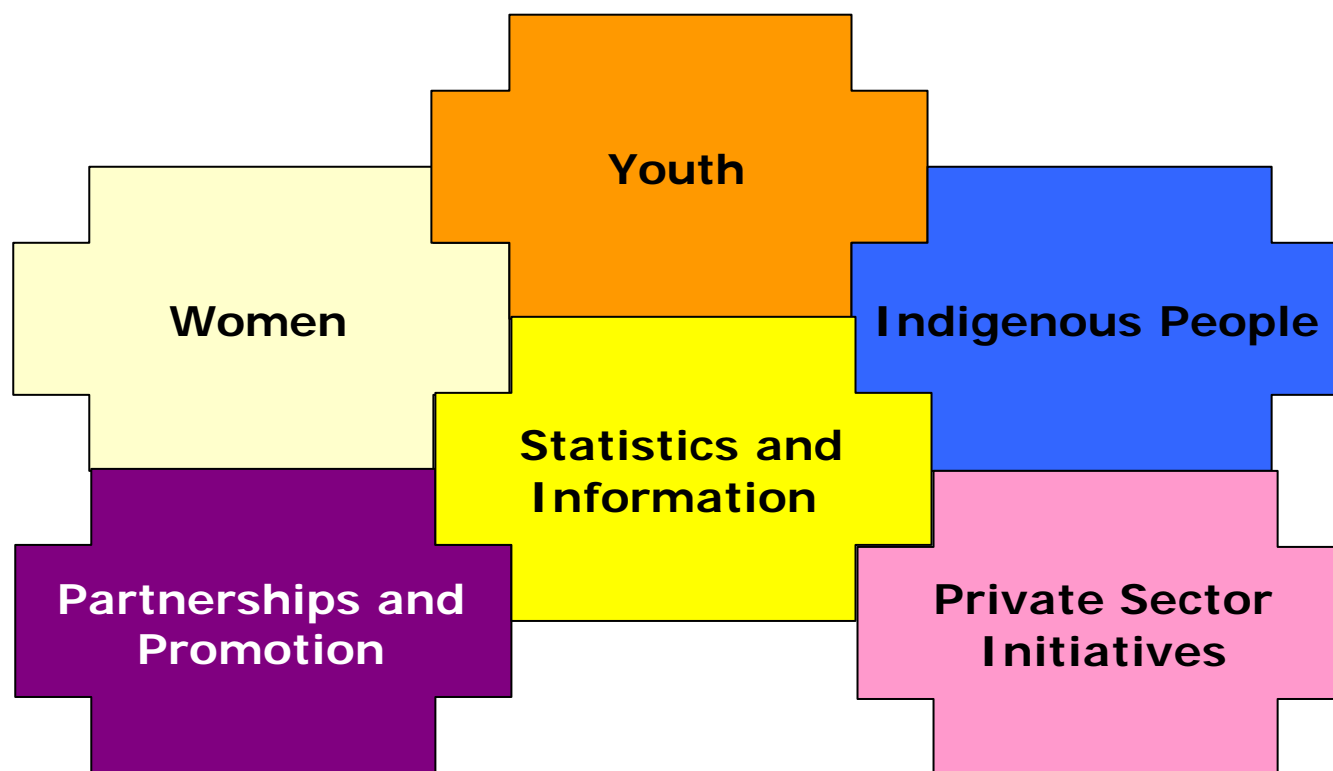
WTDC-02 Results

- Istanbul Declaration
- ITU-D Strategic Plan
- Istanbul Action Plan (IsAP)
 - IsAP Development Actions
 - 6 Programmes & 6 Initiatives
 - International Cooperation & Regional Initiatives (eg., RCC, CEPT, EC)
 - 38 Resolutions and 5 Recommendations including:
 - Res. 30 Role of ITU-D in WSIS preparation
 - **Res. 37 Role of ITU-D in bridging Digital Divide**

Istanbul Action Plan (IsAP) SIX PROGRAMMES

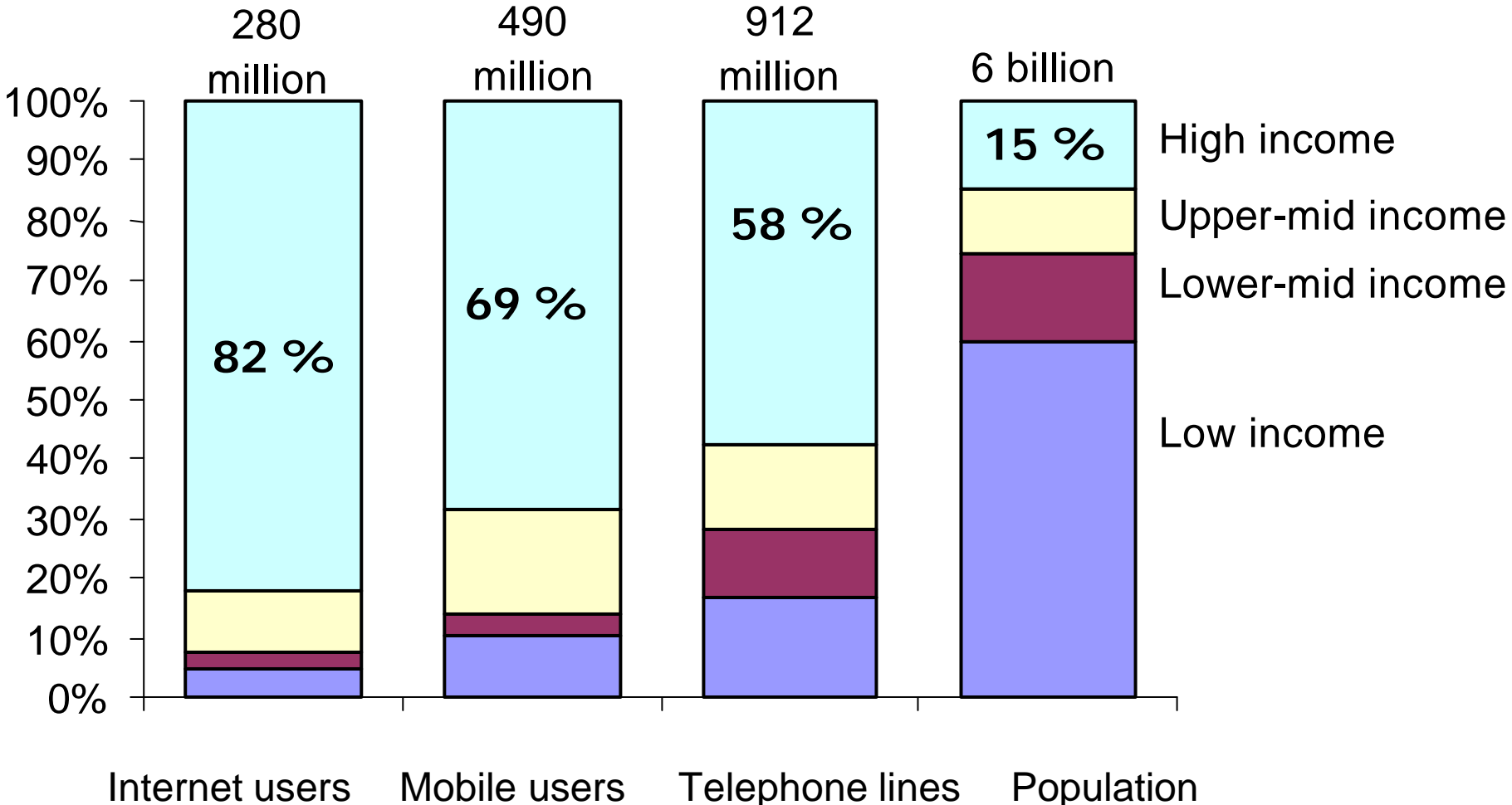


Istanbul Action Plan (IsAP) SIX INITIATIVES



Digital divide reflected in the Telecoms divide

User distribution, by income group, Jan 2000

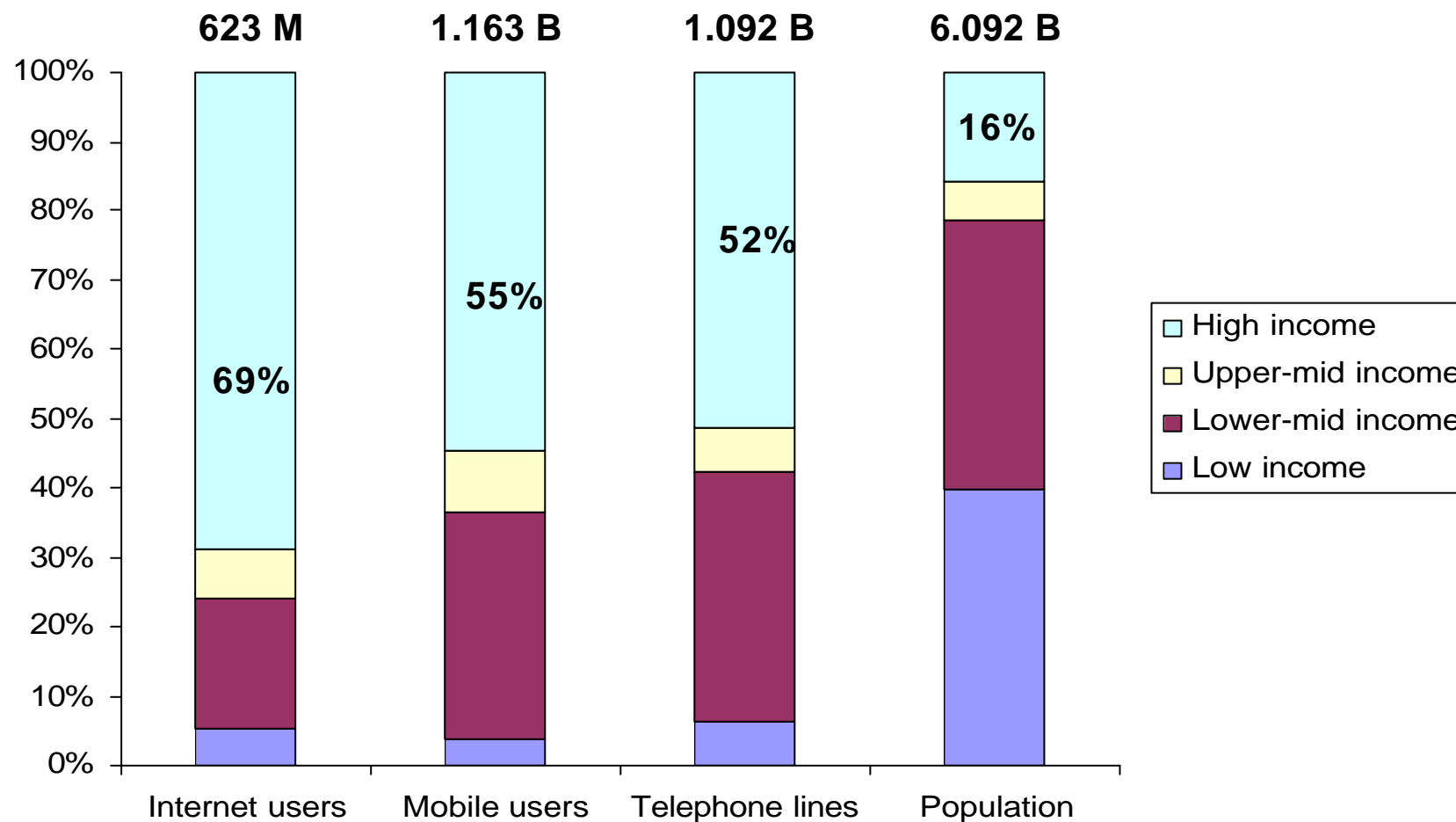


Source: ITU World Telecommunication Indicators Database.



Digital divide reflected in the Telecoms divide

User distribution, by income group, Jan 2003



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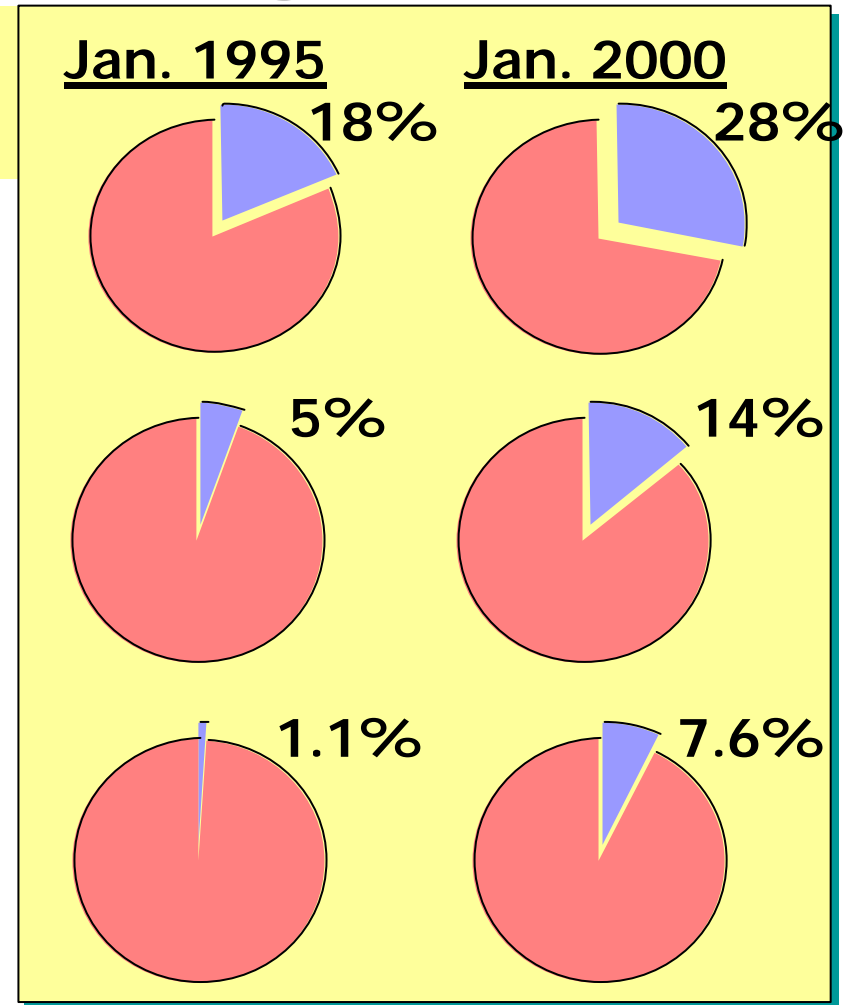
The digital divide is shrinking, but also shifting

Share of low and lower-mid income countries in:

Telephone lines

Mobile users

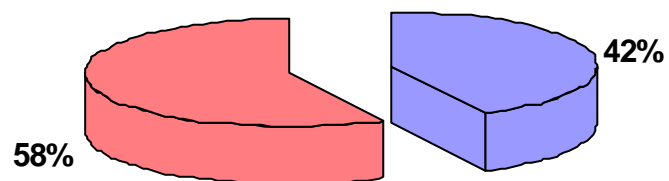
Internet Users



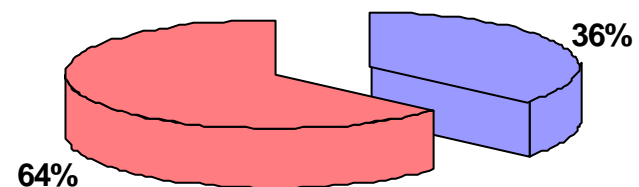
Source: ITU World Telecommunication Indicators Database.

The digital divide in January 2003

Telephone lines



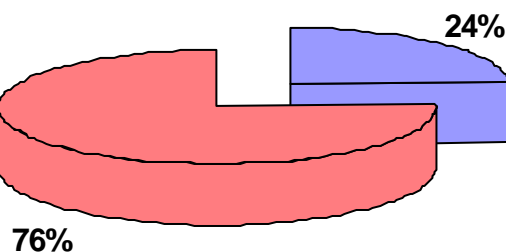
Mobile users



Upper-mid income + High income

Low income + Lower-mid income

Internet users



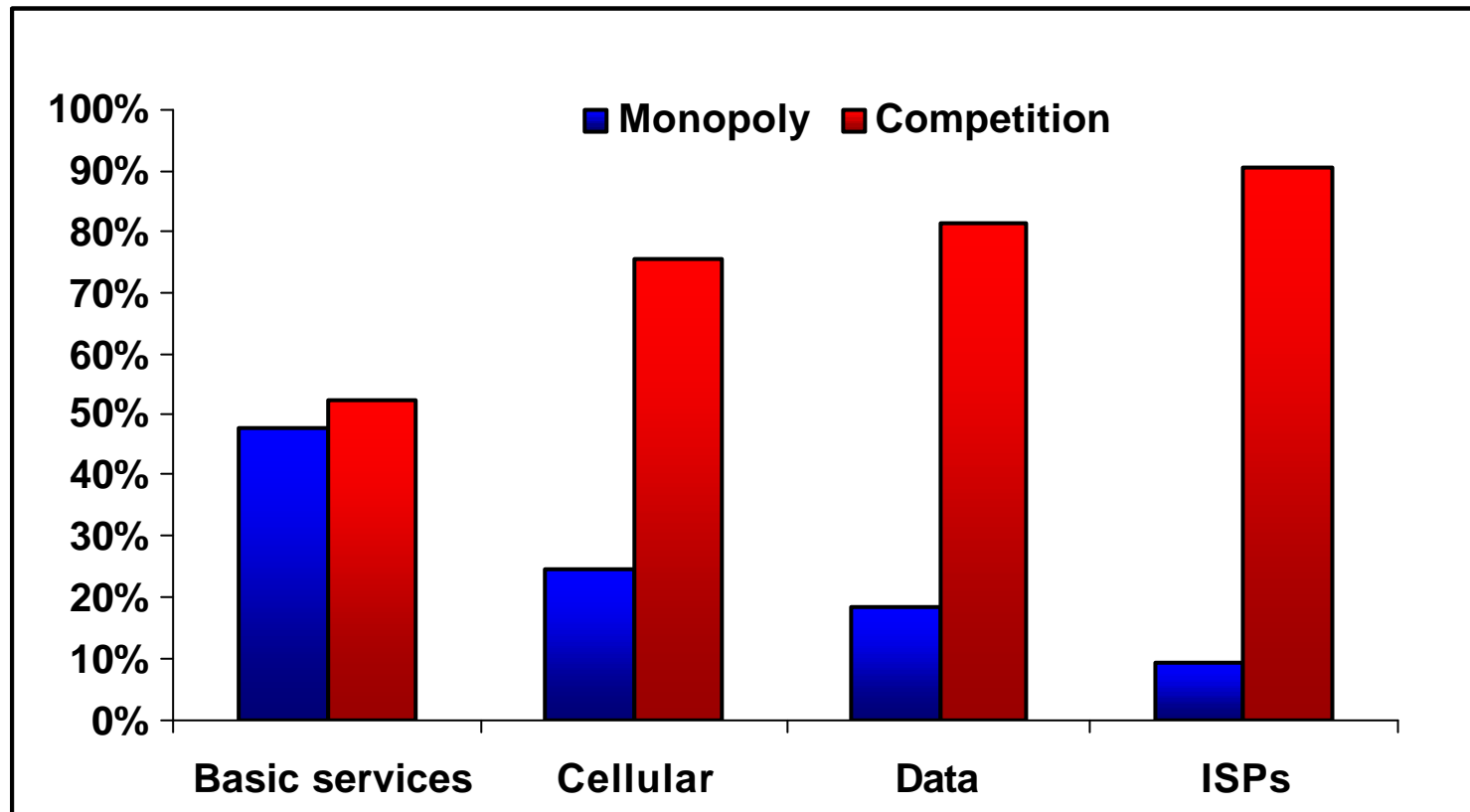
Source: ITU World Telecommunication Indicators Database.

Sector Reform: Impact on Universal Access Today: Mobile cellular Tomorrow: The Internet

- **Bridging the Digital Divide Can Be Achieved**
- **Information Society Linked to Smart Policies and Regulations Recognizing Universal Access As an Opportunity Today, 51% of worldwide mobile cellular users are in developing countries**
- **The explosion in the use of pre-paid services shows that low-income users are willing to spend money on ICTs**
- **Lessons from the Mobile Miracle can now be applied to other ICTs like the Internet**

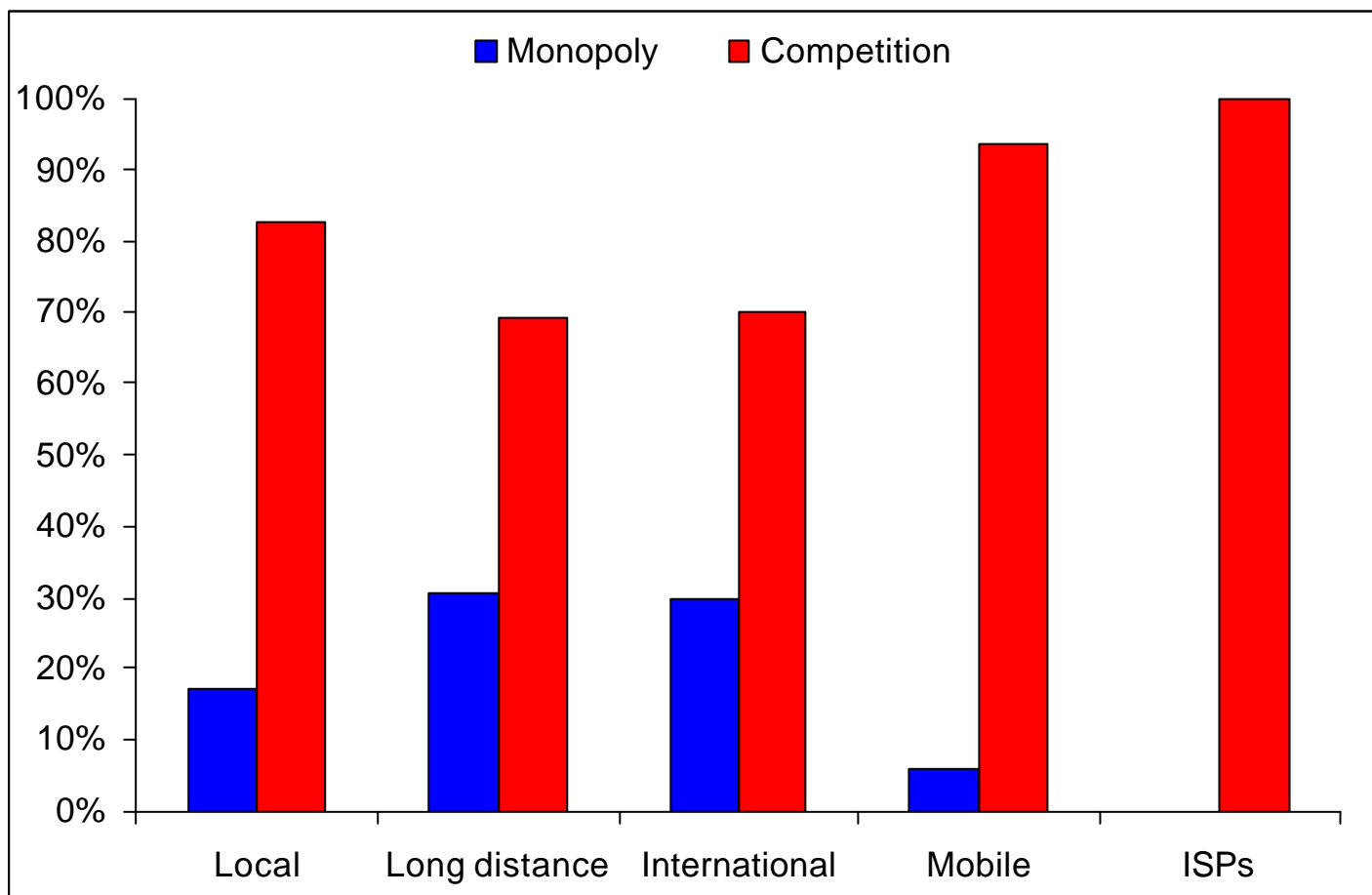
Where are we now?

Level of competition in selected services, world 2004



Basic services include: average local, long distance and international services

Competition in Selected services in Europe, 2004

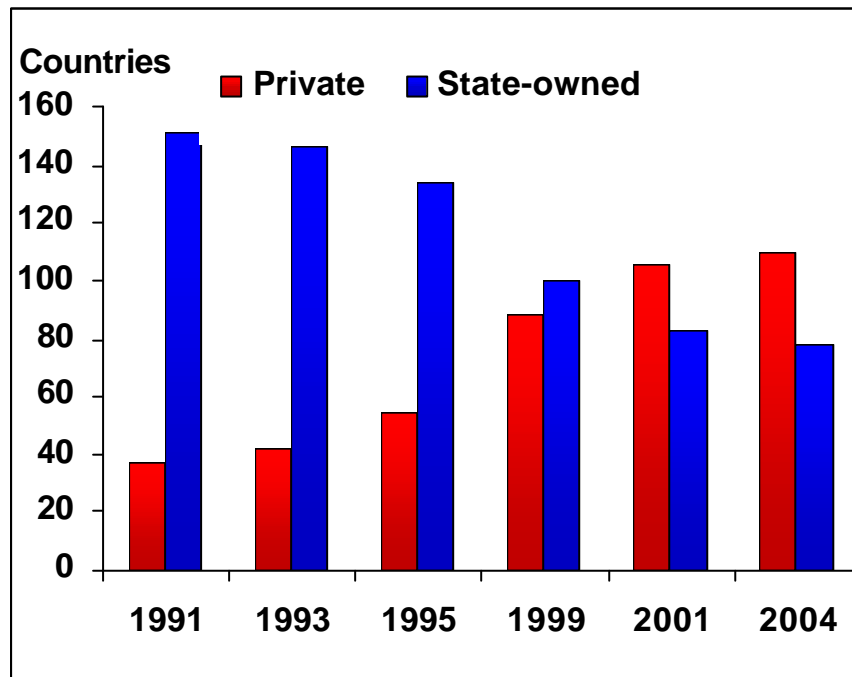


ITU World Telecommunication Regulatory Database

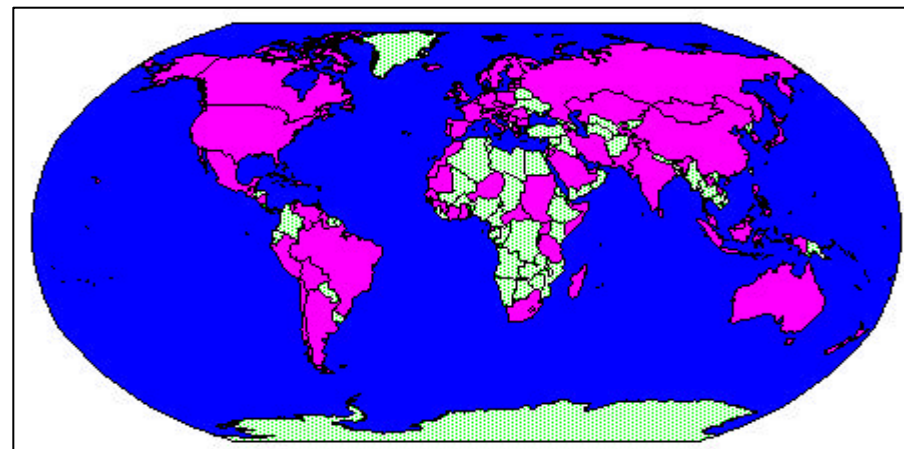


Ownership Status of the Incumbent Operator

from 1991 to 2004

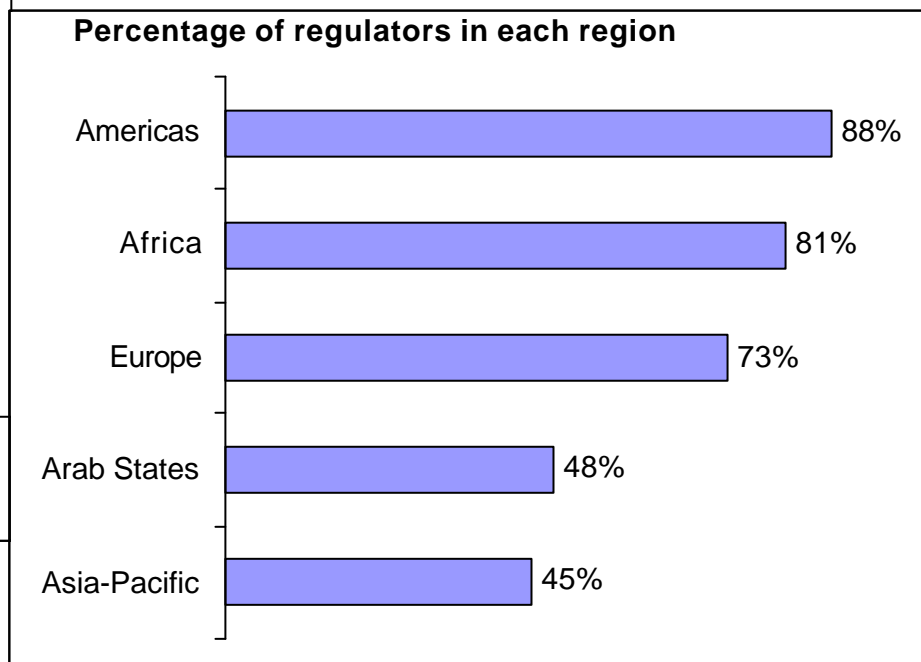
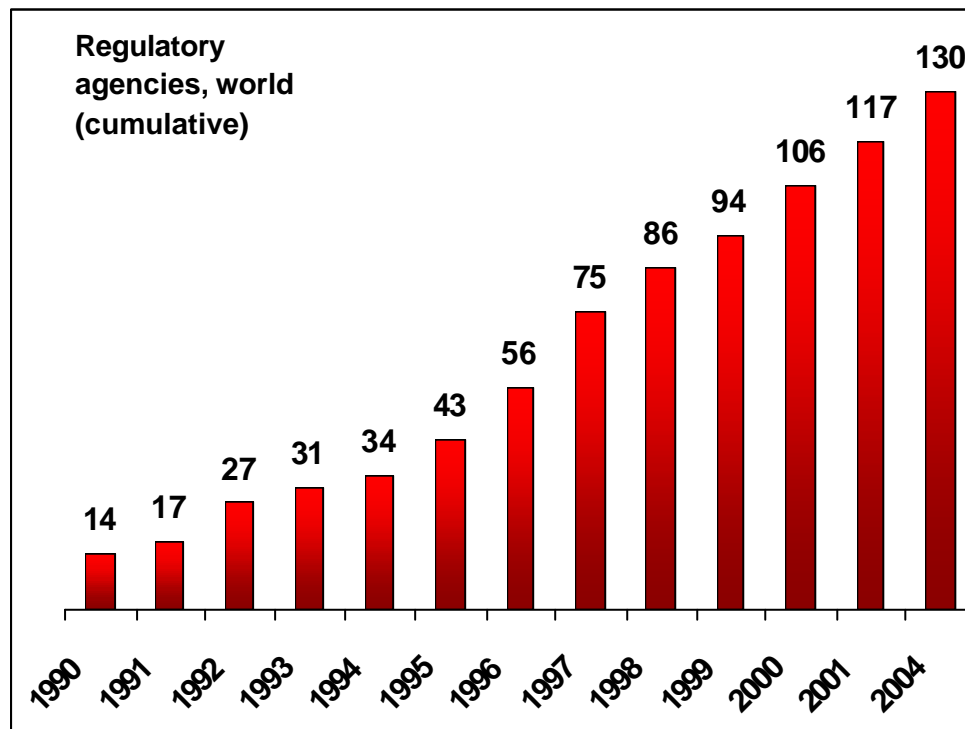


In pink, (partially or fully) private incumbent, 2004



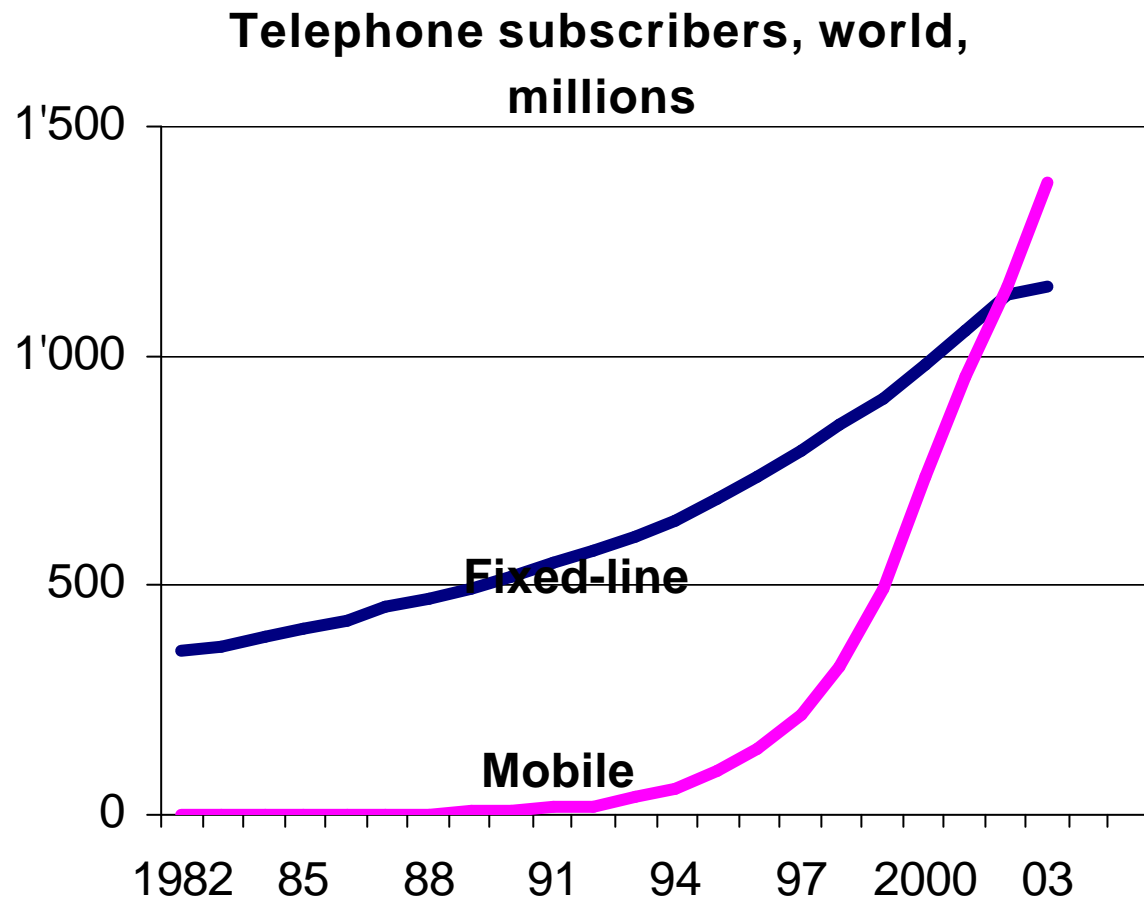
Source: ITU World Telecommunication Regulatory Database

Trends: National Regulatory Authorities Worldwide and Percentage per Region



Source: ITU World Telecommunication Regulatory Database.

Number of Mobile and Fixed Line Subscribers



Source: ITU World Telecommunication Indicators Database

WSIS: Global Platform for Digital Opportunities

Geneva 2003 in numbers

- More than 11,000 participants
 - 176 UN Member States
 - More than 50 Heads of State and Vice-Presidents
 - 3,300 representatives from civil society
 - 514 business representatives from 98 organizations
 - 87 international organizations
 - 1000 media representatives
- More than 300 Summit Events



Results of WSIS Geneva Phase

- Adoption by the world's political leaders of:
 - Declaration of Principles
 - Plan of Action
- Groundbreaking multi-stakeholder involvement
- Announcement of and \$1 million voluntary contribution to Digital Solidarity Fund
- Action initiated in two crucially important areas: the creation of a Digital Solidarity Fund and Internet Governance
- Phase 2: Tunisia, November 16th to 18th, 2005

WSIS and the ITU-D

- Considerable synergies between WSIS Digital Solidarity Agenda, and ITU mandate and programs
- Next steps:
 - Development of new activities and partnerships
 - Ongoing facilitation of in-country implementation of WSIS Action Plan
 - Involvement of General Secretariat and close coordination with other Sectors, including Regional Presence

What ITU/BDT is doing to Create Digital Opportunities in Europe & CIS

- **Sub-regional support**
 - **ITU Area Office in Moscow** (in December 2003 signed Agreement and Protocol)
- **Information and Knowledge support**
 - **Seminars and Workshops** (four regional and five sub-regional in 2003)
 - **Centre of Excellence** (Russian-speaking and English-speaking branch) and **Internet Training Centers** (ITU/CISCO Academies in Ukraine, Bulgaria, Kyrgyzstan, Romania, Bosnia & Herzegovina, Poland, Turkey and Serbia & Montenegro)
- **Resources and Infrastructure support**
 - **Direct Assistance, Project Development and Bilateral Cooperation**



Initiatives and Projects implemented in 2003

- **Moldova:** national numbering plan, interconnection regulation and spectrum management
- **Tajikistan:** support to attend telemedicine meeting
- **Kazakhstan:** network infrastructure plan
- **Kyrgyzstan:** E-agriculture project
- **Azerbaijan:** E-business and E-govt policy
- **Georgia:** E-govt and E-commerce platform
- **Albania:** ICT strategy implementation and interconnection regulation
- **Serbia & Montenegro:** implementation of the Resolution 33 (WTDC-02, Istanbul)
- **Ukraine:** updates of PLANITU software

Current Initiatives and Projects

- E-government in **Bosnia & Herzegovina, Kyrgyzstan, Azerbaijan, Uzbekistan** and E-health in **Turkey**
- Satellite Telecommunications in **Kazakhstan**
- Center of Young Software developers in **Uzbekistan**
- Frequency Monitoring System at the TO of the **Slovakia**
- Assessment of Quality of Services in DVB-T systems in **Slovakia**
- Multipurpose Community Telecenters in **Romania**
- Market Analyses and Studies in **Romania**
- Rebuilding of Public Broadcasting System in **Serbia & Montenegro**
- Secure virtual private network connectivity in **Bulgaria**
- Spectrum Management Systems in **Kyrgyzstan** and **Tajikistan**
- Virtual Forum on Change Management Projects
- Feasibility Study on Digital TV Based Interactive ICT Applications Development in **Russia**

Seminars, Workshops and Meetings in 2004

- **Training workshop on COSITU**, Baku, Azerbaijan, 23-26 March;
- **ITU/ITC Regional Seminar on Network Evolution to NGN and Fixed Mobile Convergence**, Moscow, Russia, 27-30 April;
- **Workshop on Strategic Management (Part II)**, Kiev, Ukraine, 24-26 May;
- **European Regional Meeting on Fair Competition**, Oslo, Norway, 1-3 June;
- **ITU/EBU Workshop on Digital Broadcasting**, Sofia, Bulgaria, 8-10 June;
- **European Regional Workshop on Dispute Resolution**, Geneva, Switzerland, 31 August-2 September;
- **ITU/US AID Workshop on Rural Access to Telecommunications**, Almaty, Kazakhstan, 13-16 September 2004;
- **Regional Workshop on planning of digital terrestrial TV networks in relation to RRC-06**, Moscow, Russian Federation, 21-24 September;
- **Seminar on Economic and Market Analysis**, Vilnius, Lithuania, 5-7 October;
- **Workshop on Aligning Human Resources on organizational changes**, Sofia, Bulgaria, 12-15 October;
- **ITU Partnership Forum for ICT Projects and Regional Working Party on private sector issues**, Kiev, Ukraine, tbd

Forthcoming Digital Opportunities

Active participation in:

- Preparation OP 2005

Regional, sub-regional and country Project proposals and initiatives which could be included in OP and realized together with the ITU

- RPM process

Regional Preparatory Meeting (RPM) for WTDC-06 in the Europe and CIS Region will be held in Bucharest (Romania) from 19 to 21 April 2005 and additional Preparatory Meeting for CIS will be held in Moscow (Russian Federation) from 4 to 6 October 2005 - country proposals are crucial



What Countries Can Do to Create Digital Opportunities

- **Create** appropriate benchmark indicators for digital divide, to illustrate the current situation of the digital divide in each country
- **Develop** low-cost, low-maintenance, high-quality ICT customer terminals for the mass market
- **Study** workable universal access funding mechanisms
- **Promote** awareness among ICT have-nots to build user trust and confidence in ICT applications
- **Use** ITU Center of Excellence to address issues of how IT training can alleviate poverty
- **Promote** shared access to communication services through the establishment of multipurpose community centers

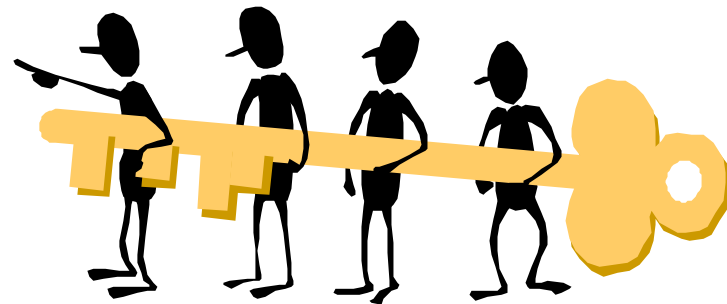
How Partners Can Capitalize on Digital Opportunities

- Governments, global and regional organizations, institutions, as well as public and private sector entities, can contribute human, technical and financial resources towards EUR and CIS activities
- Depending on member governments' requirements, ITU's partners can provide cost-sharing, best practice, tools, financing, transfer of skills and practical knowledge
- All inputs and activities will be coordinated through the ITU/BDT Europe & CIS Unit as well as through the working group and BDT working parties on private sector issues

PARTNERSHIP WITH ITU

Key to Successful Cooperation

- Global presence
- Membership of all countries
- Long and successful experience
- Credibility
- Transparency
- Neutrality
- Impartiality



THANK YOU FOR YOUR ATTENTION

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