



ICTs that make sense



511 million illiterates in the region

132 million 15-24 years old are illiterate

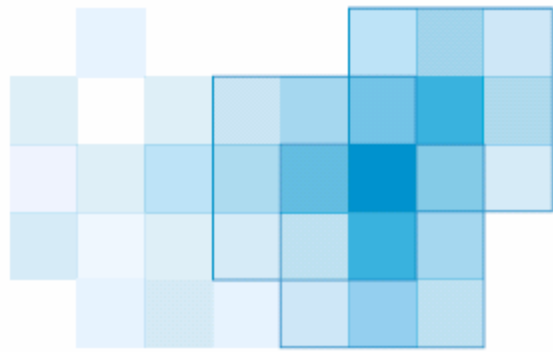
45.5 million children out of primary schools

64.3 NER in secondary education



International
Labour
Office

Source:



FACTS ON *Youth Employment*

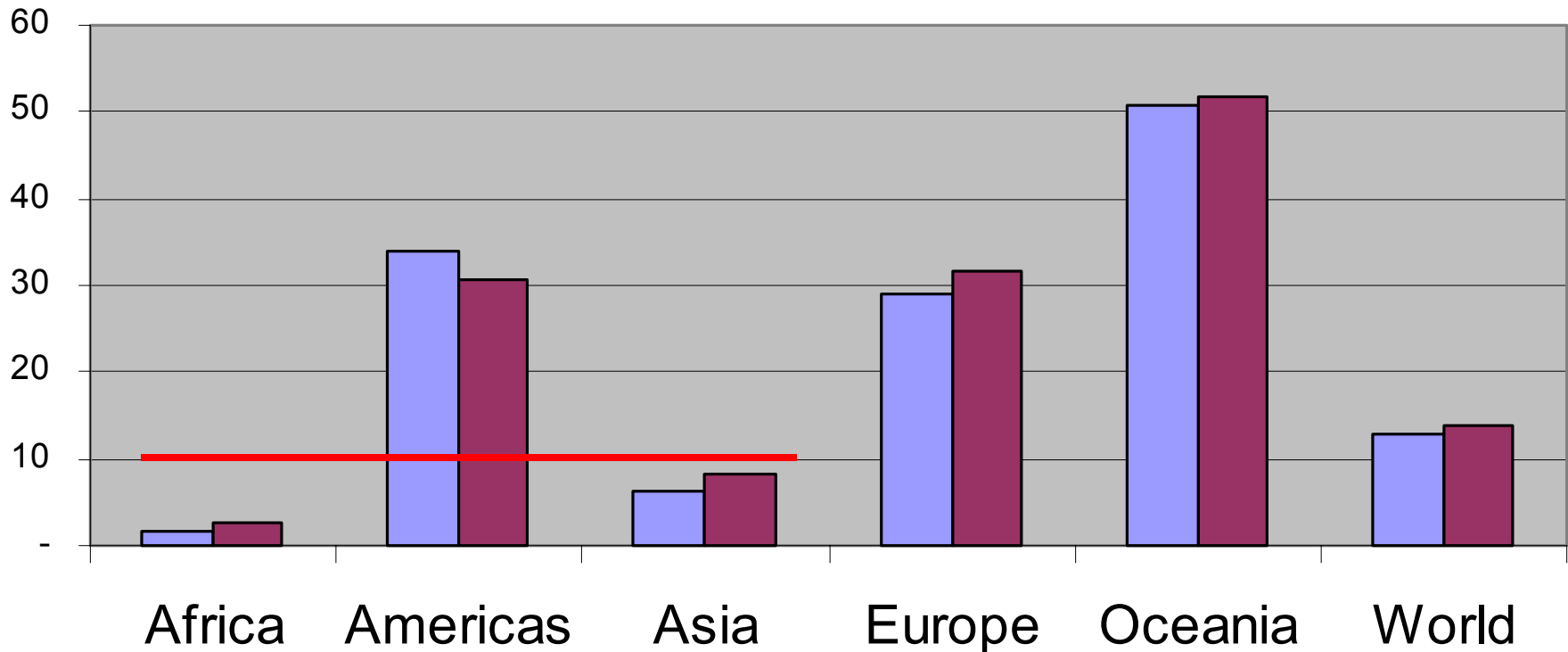
- **1 in 5** people in the world are between 15-24 years old. Approximately **85%** live in developing countries
- **66 million** young people are unemployed
- Over the next decade, **500 million** young people are expected to join the workforce

Computers and Internet Users per 100 inhabitants



Source:

□ PC ■ Internet

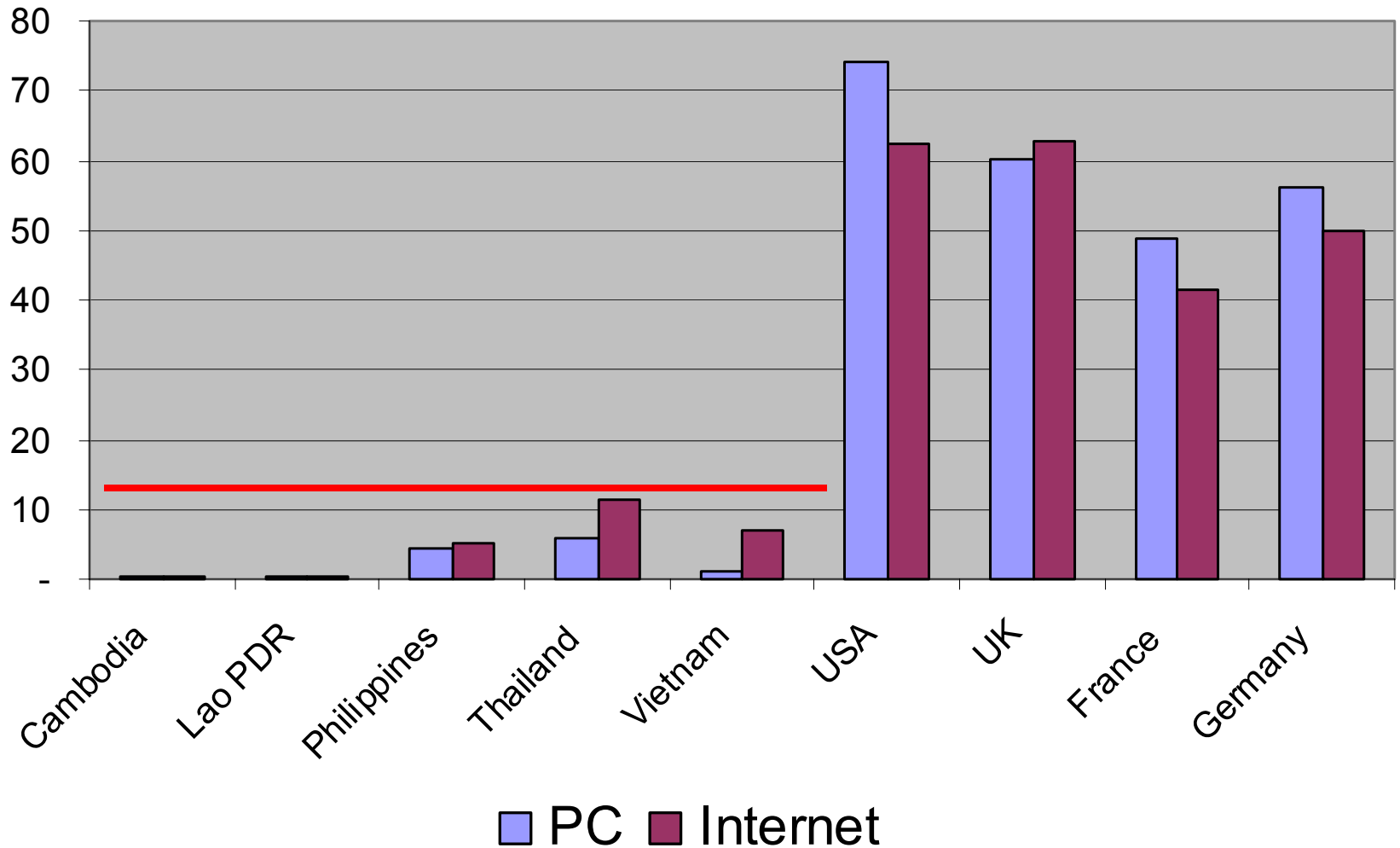


ACCESS to world-wide information resources is still
a basic problem in **Africa and Asia**

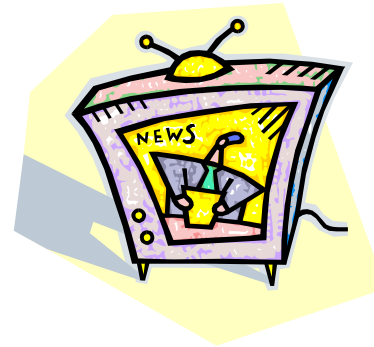
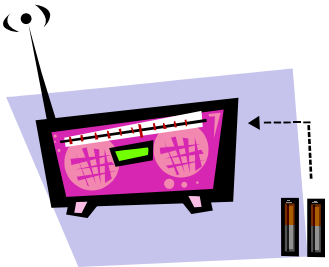
Computers and Internet Users per 100 inhabitants



Source:



What is **ICT**?



When does use of **ICT makes sense?**

- ➔ If it **reaches more children** not reached by conventional delivery systems
- ➔ If it **eases teachers' load**
- ➔ If it's **affordable to member-states**
- ➔ If use of **technology is widespread**

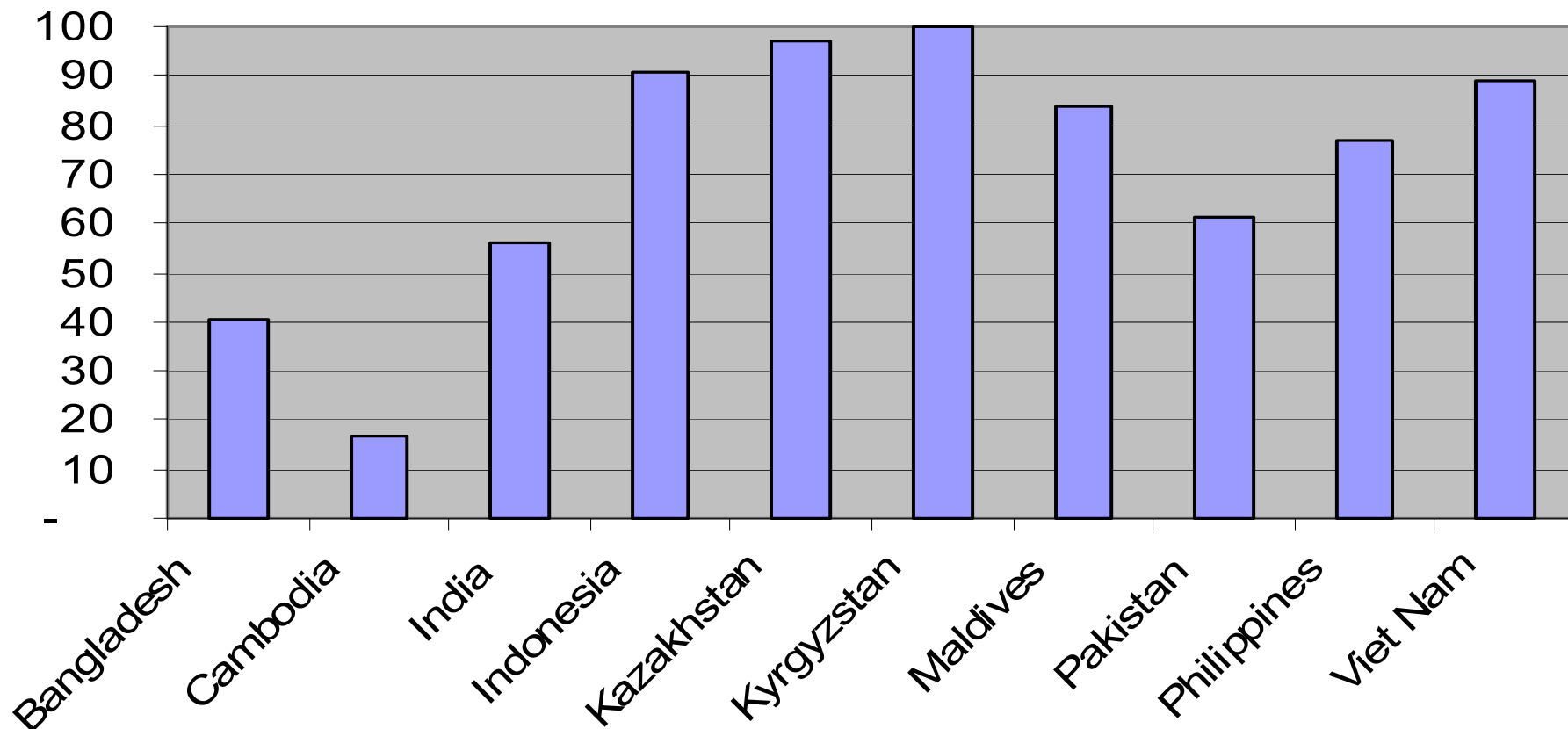
ICTs in households

percentage



Source:

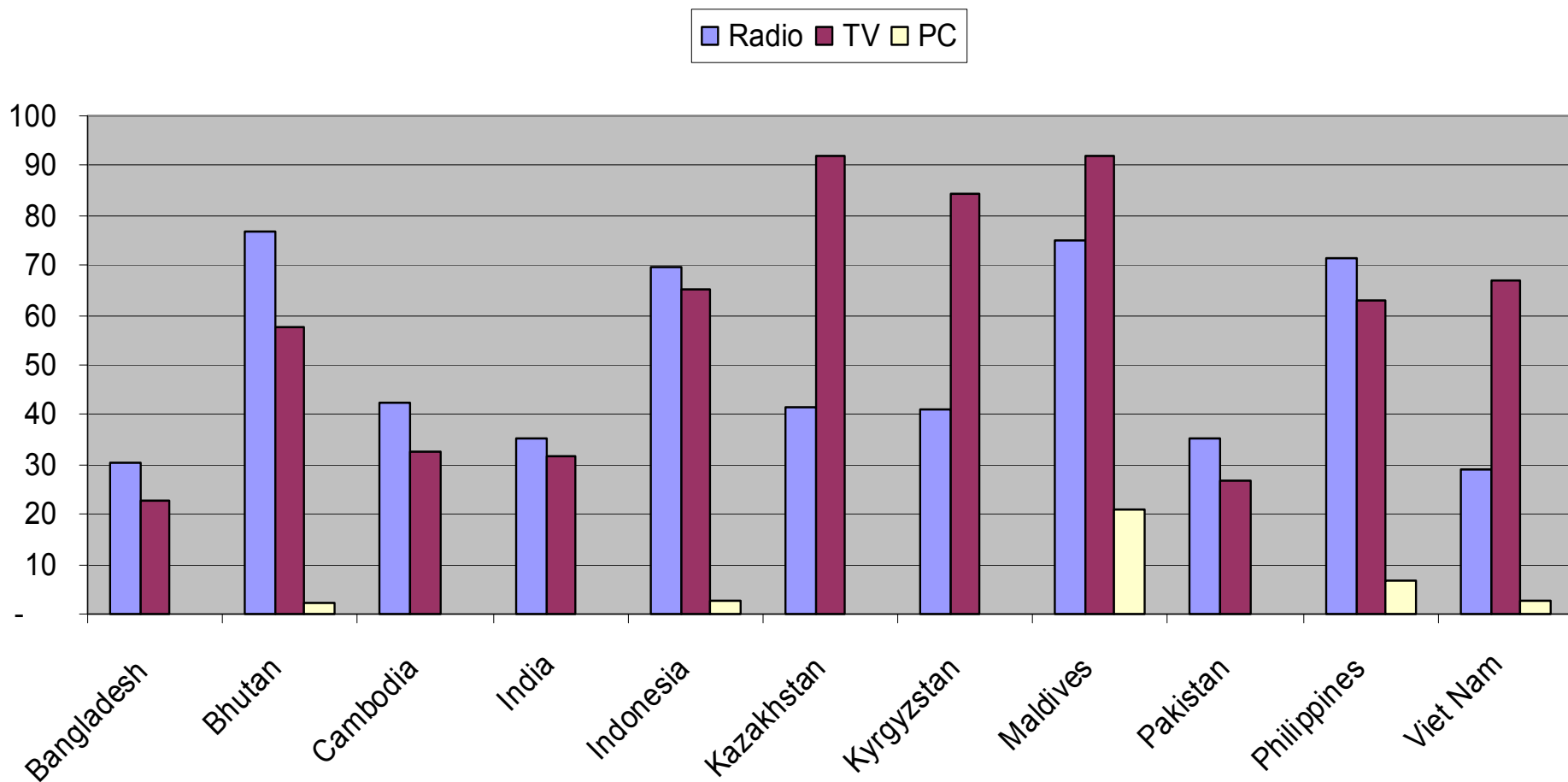
Electricity



ICTs in households percentage



Source:



Educational objective first

before technology

The 8 Educational Objectives

1. Expand education opportunities
2. Increase efficiency
3. Enhance quality of learning
4. Enhance quality of teaching
5. Facilitate skills formation
6. Sustain life-long learning
7. Improve policy planning and management
8. Reduce digital divide

1. Expanding Education Opportunities

ICTs can help overcome geographic, social and infrastructure barriers to reach populations that cannot be normally served by conventional delivery systems.

Specific solutions:

radio, television, virtual high schools, virtual universities



2. Increasing Efficiency

ICT can eliminate overcrowded classrooms; facilitate multi-grade classrooms; and provide courses in small rural areas even without having specialized teachers to teach them.

Specific solutions:

Interactive radio instructions,
educational TV, virtual online
courses



3. Enhancing Quality of Learning

ICT motivate and engage students; bring abstract concepts to life; and provide access to worldwide information resources.

Specific solutions:

radio and TV programs;
electronic multimedia
learning modules; virtual
labs



4. Enhancing Quality of Teaching

ICT make possible lifelong upgrading and professional development of teachers; can easily connect teachers with sources of teaching materials.

Specific solutions:

multimedia training; videos for training; internet sources for teachers



5. Facilitating Skills Formation

ICT can be powerful as an instructional tool over a whole range of skills training: basic and advanced; individual and groups.

Specific solutions:

simulations; competency-based
multimedia; e-training;
interactive videos



6. Sustaining Life-long Learning

ICT can provide a wealth of expertise and experience through videos, e-mails; internet or e-learning modules that can be modified and updated all the time.

Specific solutions:

open universities; e-learning
courses

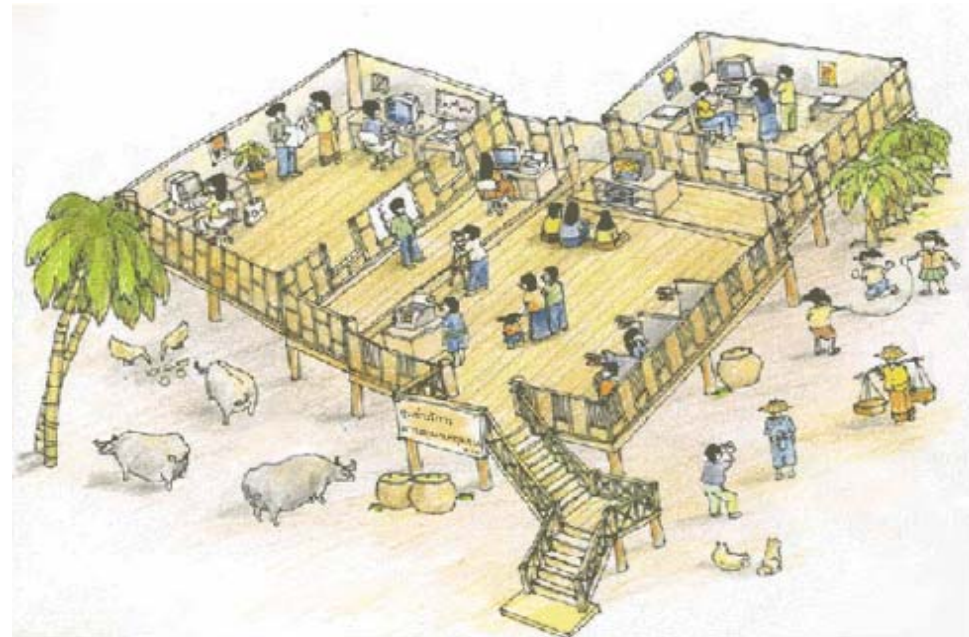


7. Reducing Digital Divide

ICT have become essential tools for work and communication; can open opportunities for individuals and communities to improve their economic and social well-being and to bring them from the margin of the society.

Specific solutions:

radio, community telecenters





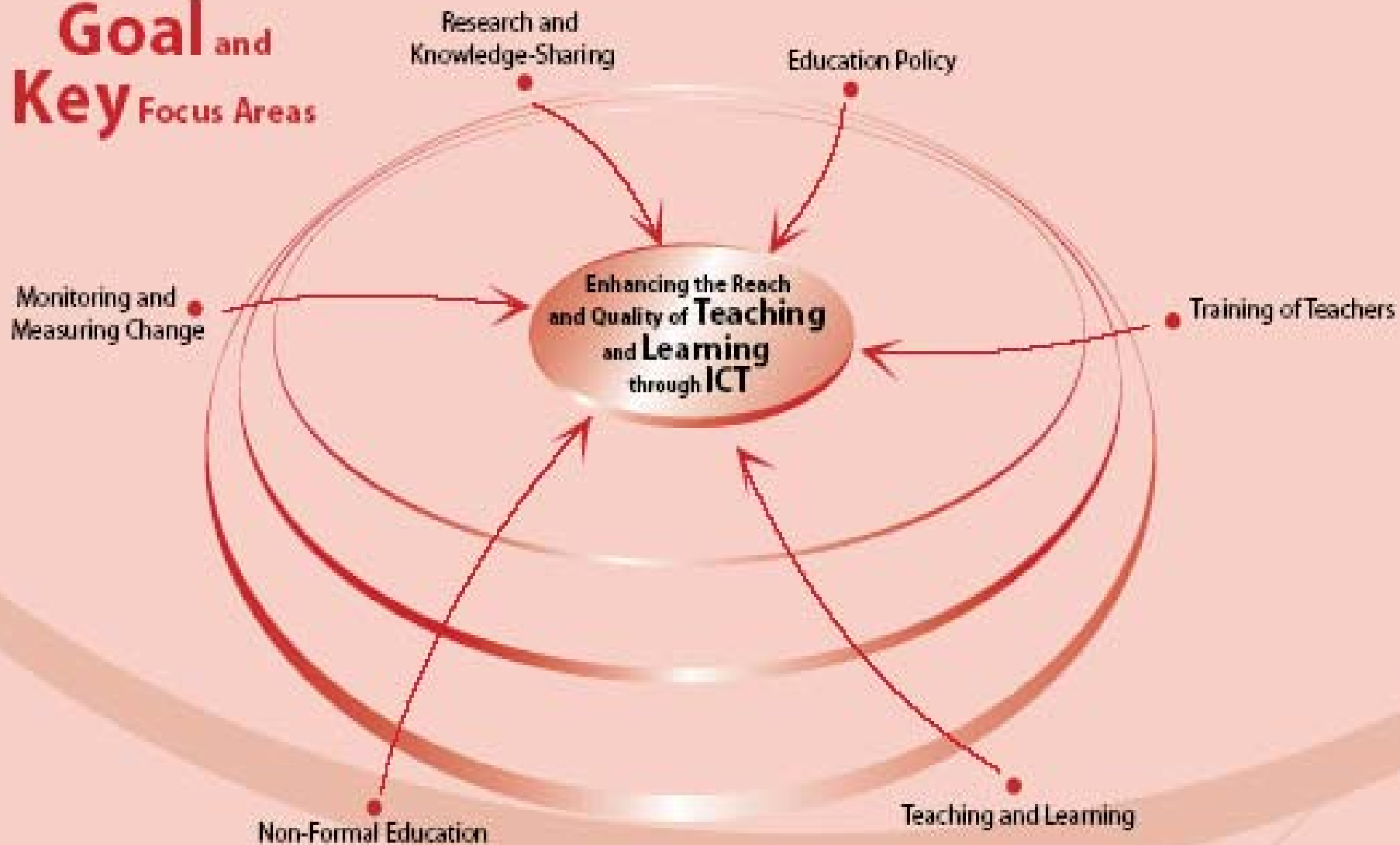
Director's Message

Using **ICT** to Achieve
Education For All Goals
and Reduce the Digital Divide in the Asia-Pacific Region

By 2008, all member states in the Asia-Pacific region will have:

- A national ICT in education **POLICY**
- ICT as a component of **PRE-SERVICE TEACHER TRAINING**
- The beginnings of a process of developing relevant, multilingual and appropriate **EDUCATIONAL CONTENT**, especially for disadvantaged groups
- **NETWORKS** for sharing knowledge and experiences
- Key **INDICATORS** development and used to monitor development and to form strategies.

Goal and Key Focus Areas



Thank you.

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