



Innovating with Technology

The Challenge to Education Policy,
Leadership and Management

ICT in Education Policies That Make Sense



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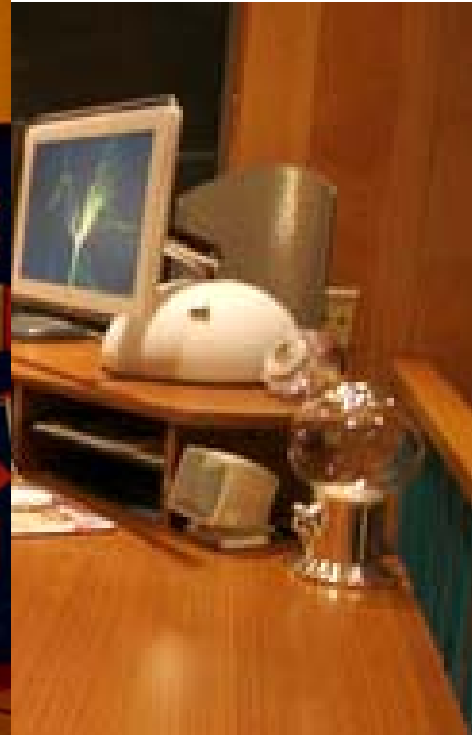
6 September 2006

Cebu City, Philippines

What can ICT learn from a bottled water?



Both used to be a **LUXURY**



Both were **FASHIONABLE**



Both became **NECESSITIES**



Why not all **governments** are taking advantage of ICT to improve state of education?



Why not all **policymakers** are convinced in ICT in education?



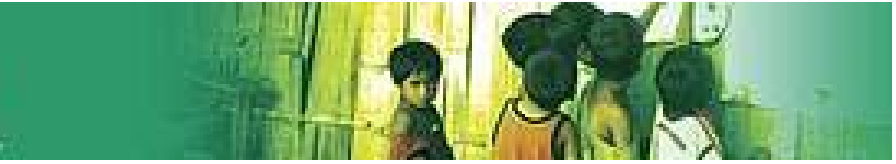
POLICIES **that make sense**

TYPES OF POLICYMAKERS

- ☞ Those who **MAKE** things happen
- ☞ Those who **WATCH** things happen
- ☞ Those who **WONDER** what happened

OBSTACLES Policymakers Face

- ❧ Lack of awareness
- ❧ Lack of technical and policy capacity
- ❧ Lack of political leadership
- ❧ Ineffective coordination between departments with ICT responsibilities



511 million illiterates in the region

132 million 15-24 years old are illiterate

45.5 million children out of primary schools

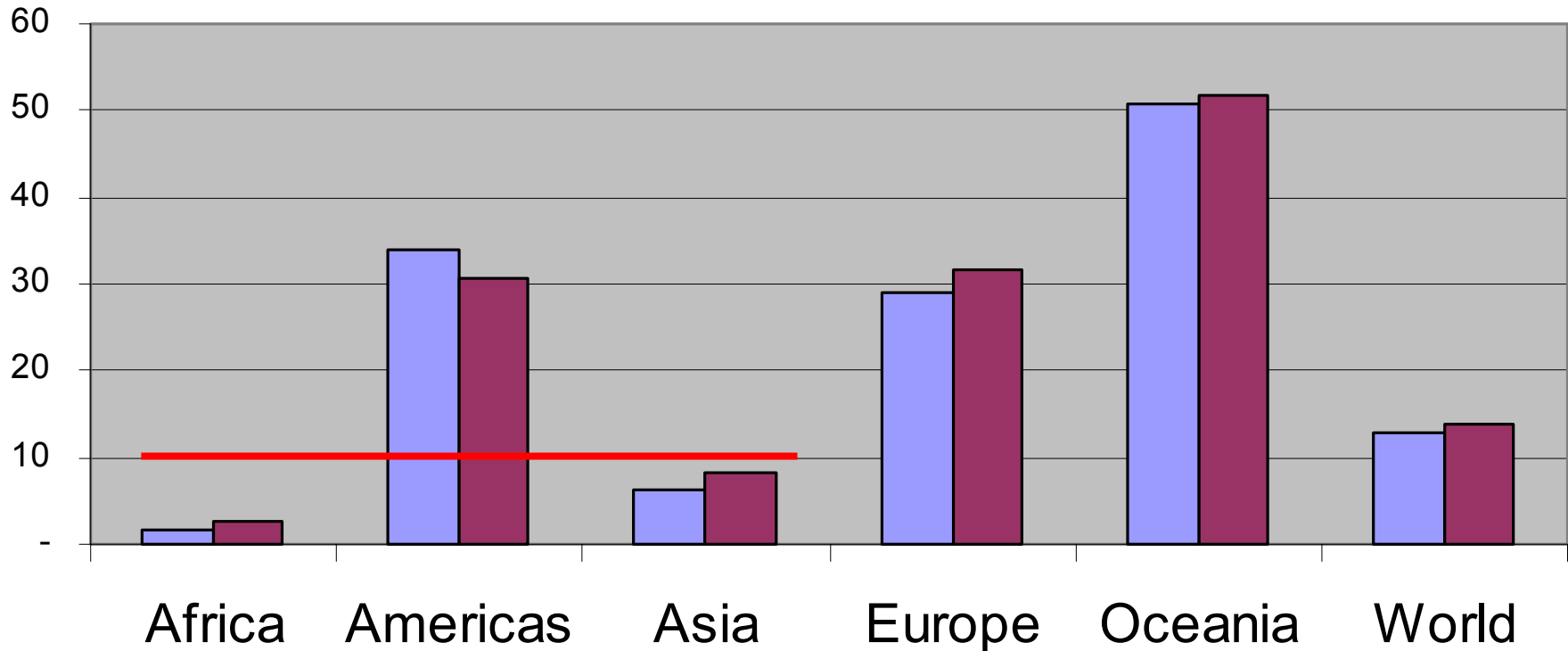
64.3 NER in secondary education

Computers and Internet Users per 100 inhabitants



Source:

■ PC ■ Internet

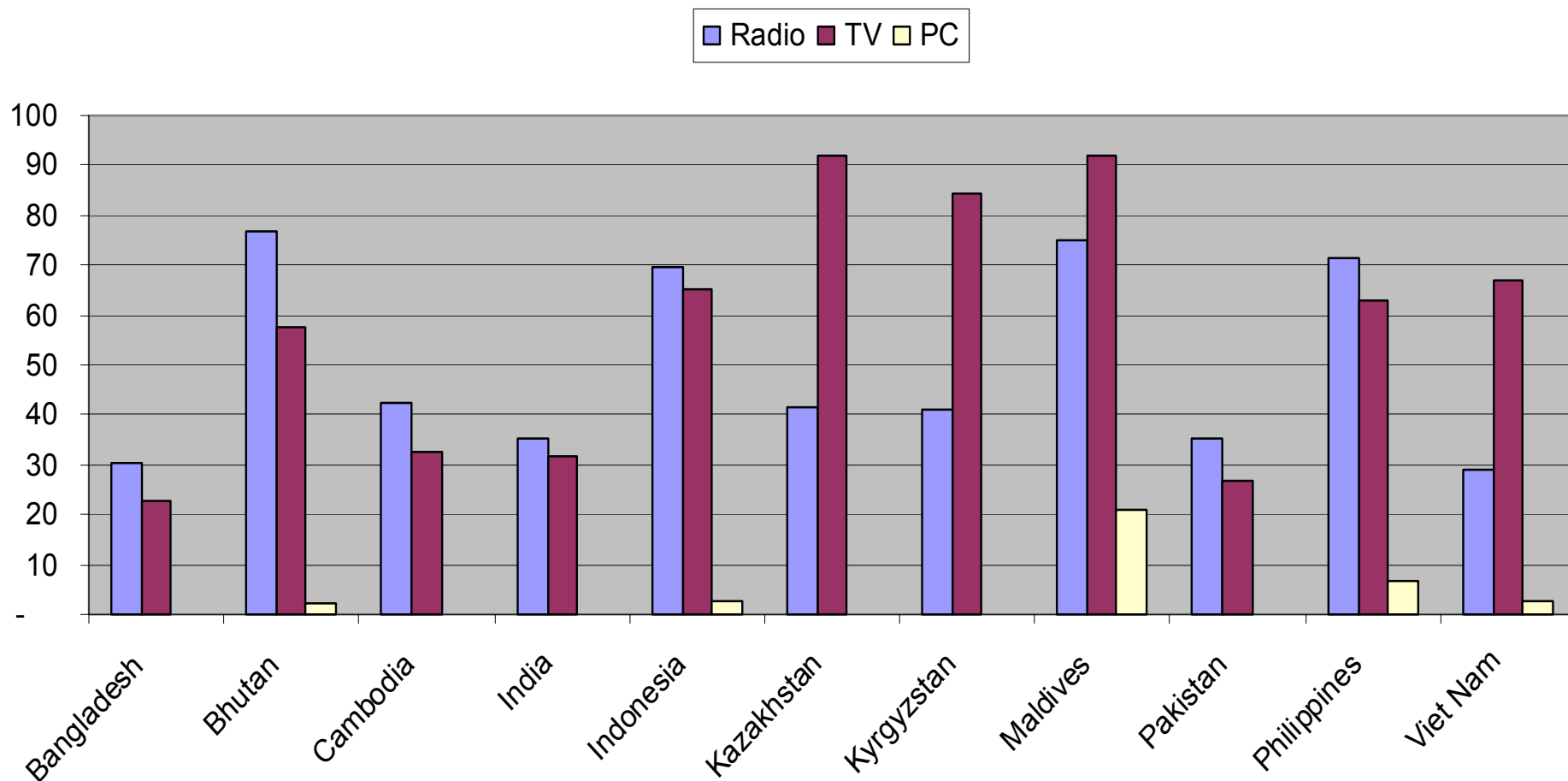


ACCESS a problem in **Africa and Asia**

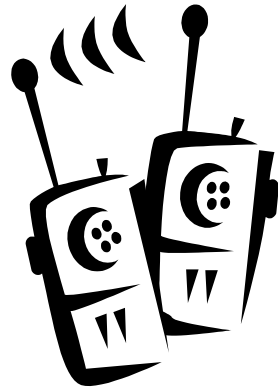
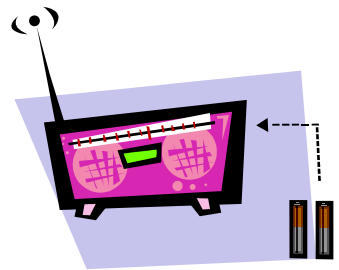
ICTs in households percentage



Source:



What is **ICT**?





**300 hours of training needed
to teach for 1 hour using
Interactive CD**



**Dr. Josette T. Biyo
1st Asian teacher to win
Intel Excellence in
Teaching Award**

How much is the cost of one laptop per child (OLPC) policy?

Public enrolment

-- Elementary (12,089,365)

-- High School (5,043,776)

Total (17,133,141)

US\$ 100 laptop (x Php 51)

Php 87,379,019,100

Public teachers

-- Elementary (340,231)

-- High School (123,074)

Total (463,305)

US\$ 100 laptop (x Php 51)

Php 2,362,855,500

Cost of OLPC policy

Php 89,741,874,600

DepEd budget (2006)

Php 117,087,000,000

*** Need to increase budget by 75%**

Remember

CORE MESSAGES

- ICT is not only computers and internet. TV and radio too.
- Technology is only a tool to help us achieve our educational objectives.

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**

Suggestions to improve **POLICY DEVELOPMENT**

- ❧ Create **policy networks**
- ❧ Design a **regional research agenda** relevant to decision-making
- ❧ Support **regular training** for policymakers and educational planners

Thank you.

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