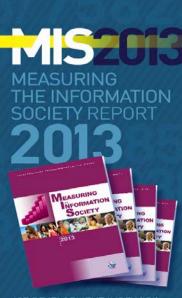


## MIS 2013 Launch event 07 October 2013

**Committed to Connecting the World** 

Geneva ITU Headquarters



ICT DEVELOPMENT INDEX [IDI] MEASURING THE COST AND AFFORDABILITY OF BROADBAND

MEASURING THE WORLD'S DIGITAL NATIVES

DIGITAL TV BROADCASTING TRENDS

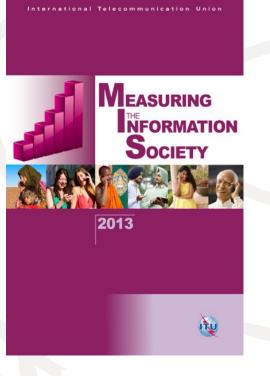


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## **MIS 2013**



- 1. Latest key indicators
- 2. ICT Development Index (IDI)
- **3**. Broadband pricing and affordability
- 4. Digital natives
- 5. Digital TV broadcasting
- Methodological and statistical annexes

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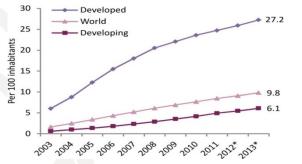
## **Broadband progress**

- Fixed broadband:
- - double-digit growth rates in developing countries
  - slowdown in developed countries
  - divide remains substantial
- Mobile broadband: 🛜

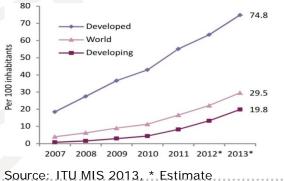


- 3G population coverage 50%
- 2 billion subscriptions, mobilebroadband penetration 29.5%
- subscriptions in developing countries doubled in 2 years

#### Fixed (wired)-broadband penetration, 2003-2013\*



Active mobile-broadband penetration, 2007-2013\*





## The ICT Development Index (IDI)

- 11 indicators, covering 3 areas:
  - ICT access
  - ICT use
  - ICT skills
- 157 economies
- 2012 and 2011 comparison
- Digital divide analysis
- Regional analysis



## **IDI highlights**

#### Top ten

- 1. Korea (Rep.)
- 2. Sweden
- 3. Iceland
- 4. Denmark
- 5. Finland
- 6. Norway
- 7. Netherlands
- 8. United Kingdom
- 9. Luxembourg
- 10. Hong Kong, China

#### Key findings

- Between 2011 and 2012:
  - ICT levels increased almost everywhere
  - Gap between top and bottom performers remains
  - Developing countries are catching up in the IDI use sub-index
- Lowest IDI group: Least Connected Countries (LCCs), home to 2.4 billion people
  - These could potentially derive the greatest benefits from ICTs in areas such as health, education, job creation



# Most dynamic countries are from the developing world

Changes between IDI 2011 and 2012

Change in IDI ranking			Change in IDI value (absolute)		
IDI rank 2012	Country	IDI rank change	IDI rank 2012	Country	IDI value change
33	United Arab Emirates	12	52	Lebanon	0.75
52	Lebanon	9	33	United Arab Emirates	0.73
29	Barbados	7	29	Barbados	0.65
64	Seychelles	6	54	Oman	0.56
41	Belarus	5	60	Costa Rica	0.56
60	Costa Rica	5	41	Belarus	0.55
85	Mongolia	5	22	Estonia	0.54
132	Zambia	5	39	Bahrain	0.51
11/135	Australia/Bangladesh	4*	26	Israel	0.41
54/115	Oman/Zimbabwe	4*	62	Brazil	0.41

 Governments can play an important role by: adopting national ICT/ broadband plans, promoting competition, setting concrete targets and fostering ICT investments.



### **Broadband cost and affordability**

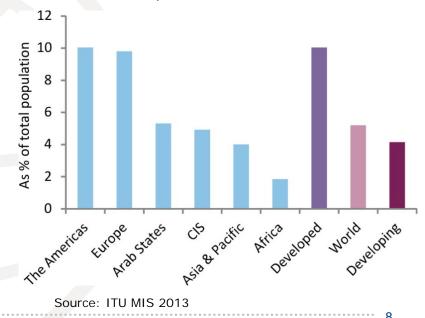
- Fixed broadband:
  - prices dropped by 82% (2008-2012) but differ hugely between countries
  - remains unaffordable in low-income countries
- Mobile broadband:
  - relatively affordable in developed countries
  - still relatively expensive in many developing countries...
  - In but tends to be cheaper than fixed-broadband for low data-volume packages/offers (in developing countries)
- Policy makers: should monitor the affordability of ICT services and identify regulatory policies that bring down prices



### Digital natives - a driving force of the information society

- Digital natives:
  - ▷ 5% of world population
  - ➢ 30% of young people (15-24 y.)
- Proportion of digital natives is twice as high in developed regions
- Young people are twice as networked as average population - age gap more pronounced in developing countries
- Digital natives in developing countries will more than double within next 5 years

Digital natives as a percentage of total population, by region and level of development, 2012

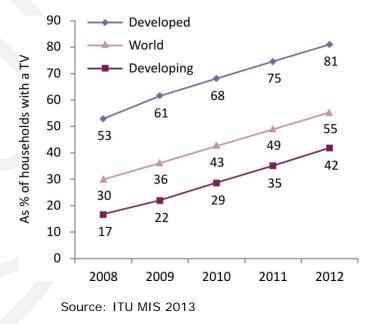


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# TV remains one of the most pervasive ICTs and is becoming digital

- Households with TV:
  - > 80% (world)
  - 72% (developing countries)
  - 98% (developed countries)
- Households with digital TV: surpassed those with analogue TV in 2012, reaching 55%
- Digital cable and DTT uptake doubled between 2008 and 2012
- IPTV increased fourfold, but still represents only 5% of total households with a TV

Households with digital TV, 2008-2012



Telecommunic





## For further information:

#### www.itu.int/go/mis2013

## infographics:





Measuring the world's et al. digital natives





MIS 2013 launch, 07 October 2013