



Broadband Workshop
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ITU Case Studies

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Rationale Cross-country perspective

- Establish correlations between factors
- Generalize and abstract
- Share information with other countries



Overview

- Rationale
- Examples: BDT Internet Case Studies
- Other ITU case studies



ITU/BDT Internet Case Studies www.itu.int/ti/casestudies

- I identify the factors which accelerate or retard the development of the Internet in different environments
- Case studies 2000: Bolivia, Egypt, Hungary, Nepal, Singapore, Uganda



Rationale - Country perspective

- Collecting data
- Providing objective analysis
- Advising policy makers, regulatory agencies, as well as businesses on appropriate course of action



Infrastructure

| | Singapore | Egypt | Hungary |
|---------------------------|-----------|-------|---------|
| Internet density | 24 | 0.3 | 6 |
| Telephone lines (density) | 48 | 8 | 37 |
| Mobile phones (density) | 42 | 0.8 | 16 |
| PCs per 100 people | 44 | 1.2 | 7 |

Source: ITU Internet Case Studies (www.itu.int/ti/casestudies) and ITU World Telecommunication Indicators Database 1999



Internet Market

| | Bolivia | Nepal | Uganda |
|---------------------------------|-----------|-----------|------------------|
| Internet start | 07/95 | 07/95 | 07/95 |
| Number of ISPs | 10 | 8 | 4 |
| Number of subscribers (density) | 0.32% | 0.04% | 0.02% |
| Number of users (density) | 0.9% | 0.15% | 0.12% |
| 30 hours of dial-up Internet | (\$US) 37 | (\$US) 38 | (\$US) 146 |
| International Bandwidth | 8 | 5 | 1.2up 1.7down |

Source: ITU Internet Case Studies (www.itu.int/ti/casestudies)



2001 studies

- Focus on South East Asia:
 - Malaysia
 - Indonesia
 - Vietnam
 - Cambodia
 - Laos
 - Thailand

For more information see:
www.itu.int/ti/casestudies



State of the Internet

- Pervasiveness
- Geographic Dispersion
- Sectoral Absorption
- Connectivity Infrastructure
- Organizational Infrastructure
- Sophistication of Use

This framework was developed by the Mosaic Group
(<http://mosaic.unomaha.edu/gdi.html>)

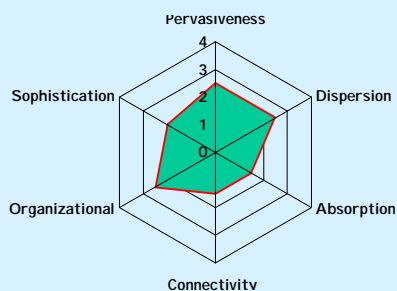


Other ITU Case Studies/Links BDT

- Regulatory Independence Case Studies
Morocco, Brazil, Singapore, Botswana, Peru
(www.itu.int/ITU-D-TREG/)
- Rural Applications Case Study Library
(www7.itu.int/itudfg7/)



State of the Internet - Egypt



New initiatives case studies SPU - www.itu.int/ni

- IP Telephony: China, Colombia, Peru and Thailand
- Fixed Mobile Interconnection: India, Finland, China and Hong Kong SAR, Mexico
- 3G Mobile: Japan, China and Hong Kong SAR, Sweden, Chile and Venezuela, Ghana
- Broadband: Australia, Italy, Malaysia, South Africa