



#2. The nature of the information society: A developing world perspective



Speaker and Author:
Madanmohan Rao, Independent consultant (India)

Respondents:
Dr. Tim Kelly, Head, Strategy and Policy Unit (ITU)

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The Information Society: Visions and Realities in Developing Countries

Dr. Madan Mohan Rao
IT Consultant and Author
Bangalore, INDIA
madan@inomy.com

**Visions of the
Information Society**



Agenda

- ICTs: early anecdotes, frameworks for analysis
- Spectrum of information societies
- Information society and knowledge society
- Recommendations for developing nations



ICTs in Developing Countries: Early Anecdotes

- FarmNet, PeopLink, MahilaWeb, Tortas, Bankilare, Across Borders, MarketWatch, Nairobites, e-Bario, Kothmale, Sagarmata, Gyandoot, VirtualSouk, PAN-Asia, VillageLeap, Metrocomia, MountainForum,



"8 Cs" of the Information Society

- Connectivity
- Content
- Community
- Commerce
- Capacity
- Culture
- Cooperation
- Capital



Dimensions of ICT

- ICT as an Instrument
 - Providing affordable access to ICTs, local language content/tools, sectoral benefits (education, healthcare, environment, business, government)
- ICT as an Industry
 - Boosting hardware/software/datacom industries, venture capital, stockmarkets, technical skills, regulation, global alliances



ICT and Society

- National cultures and technology
- Organisational culture and technology
- Sectoral culture and technology
- Professional/vocational culture and technology



Frameworks for Analysis

- Infrastructural
- Market-oriented
- Political
- Cultural
- Policy-oriented
- Comparative
- Regional
- Strategic



ICTs in Developing Countries: Key Impact Areas

- Healthcare
- Agriculture
- Education
- Business
- Media/culture
- Urban/rural development

Applications, benefits, costs, organisations



ICTs in Developing Countries: Pressing Concerns

- Digital divide
- Regulation/privatisation
- Cultural diversity
- Political challenges
- Capacity building
- Sustainability
- Tapping diaspora populations



The "8 Cs" Framework

- Analysis, classification
- Strengths, weaknesses, opportunities, threats
- Recommendations
- Categorisation, evolution of information societies



Categories of Information Societies

- Restrictive
- Embryonic
- Emerging
- Negotiating
- Intermediate
- Mature
- Advanced
- Agenda-setting

..... -> *ideal*



Other classifications

- Leaders
- Potential leaders
- Dynamic adopters
- Marginalised



The Knowledge Movement

- Digital economy, network economy, information economy, knowledge economy
- Thinktanks, corporate bodies, international fora, global networks, standards bodies
- Organisational roles: chief knowledge officer, chief learning officer, knowledge editor, knowledge analyst, knowledge broker, knowledge steward, knowledge facilitator



Recommendations for Developing Nations

- Connectivity
 - Tariffs, devices, telecentres; wireless; regulation
- Content
 - Local content, local languages; e-government
- Community
 - Online/offline fora, diaspora links
- Commerce
 - Legal infrastructure, government support



Recommendations for Developing Nations

- Culture
 - Efficiency, innovation, change; knowledge, learning
- Capacity
 - ICT literacy: tech, management, creativity
- Cooperation
 - Domestic (private/private); international
- Capital
 - Private/public funds, grants, corporate foundations