SCAN-ICT: the INDICATORS

by

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TOPICS

• Background
• SCAN-ICT INDICATORS
• General Country profile
• AISI Theme Areas
Background

• **Aim:**
  - Development of a comprehensive African capability to measure the penetration and impact of the information society in key sectors of African economies
  - creation of a pan-African ICT network to monitor the penetration, impact and effectiveness of ICT application in Africa

• Baseline Scan-ICT studies carried out in six African countries: Ethiopia, Ghana, Mozambique, Morocco, Senegal and Uganda

• indicators were developed during the inaugural Scan-ICT Methodology and Work-Plan Workshop, November 2002, Addis Ababa, Ethiopia

• First Phase of Scan-ICT: September 2001 to December 2002
SCAN-ICT INDICATORS

• General Country profile
• AISI Theme Areas
  - Infrastructure
  - Strategic Planning
  - Capacity Development
  - Sectoral Applications
  - Governance and the Information Society
  - Information Economy
INFRASTRUCTURE

• Telephony
  - Telephone, Telecentres, Operators, Flow of traffic, Mobile phone

• Internet
  - Internet users, Internet connectivity, Local Internet Content, Local Internet Service Providers, Internet access charges, Internet Usage

• Computers
  - Stock of computers, Computer costs, Computer Usage

• TV
  - TV stock, Local content, Costs of TVs, Cable and satellite, TV and cable distribution and access

• Radio
  - Stock of Radios, Local content, Cost
INFRASTRUCTURE

• ICT Status: Establishing Inventories of past, existing and proposed ICT related projects

• three sub-sections:
  – Donor and NGO projects
  – Public sector projects
  – Private sector projects

• Project description:
  – Project objectives
  – Partners involved
  – Length
  – Cost
  – Target group
  – Availability of evaluation information
STRATEGIC PLANNING

• National Legislation Concerning ICTs
  - Licensing regime
  - Services subject to licensing
  - Fiscal regime applicable to ICTs
  - Status of the incumbent operator
  - Level of competition
  - Universal service obligations
  - Mechanisms for financing of universal service obligations
  - Tools for effective regulation

• NICI PLANS
CAPACITY DEVELOPMENT

• General Trends (ICT Jobs and Skills)
  - Labor market in general
  - ICT professionals and the ICT labor market
  - Support for ICT human resource development

• Supply and demand of ICT skills
  - Supply: International recruitment
  - Supply: Length of service
  - Supply: Availability
  - Demand: Employment levels in the ICT industry
  - Current and Forecast Supply and demand trends

• Remuneration
  - Salaries
  - Retention strategies
SECTORAL APPLICATIONS

• ICT Penetration, ICT investments and spending, Users, Usage, Content (Internet and computers) in:
  - Education
    • Including Educational Management Information Systems, Non-formal education
  - Culture
  - Health
  - Natural Resource and Land Management (Environment)
  - Public Institutions
  - Agriculture
Governance and the Information Society

• Impact and analysis of ICTs on governance
• to be dealt with in the second phase of the Scan-ICT
INFORMATION ECONOMY

• ICT Industry
  - Overview of the ICT industry
  - ICT Players
  - Hardware sector
  - Software sector
  - Telecommunications (hardware and operator) sector
  - Professional services (consulting, etc.) sector

• Informal ICT Sector
  - Overview, Usage, Actors

• E-Commerce
  - Overview, Usage, Content, Users

• ICTs and the Commercial Sector (E-Commerce)
  - ICT penetration, Usage
Thank You!

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