

ADB ICT Strategy, Operation, and Partnership

Regional and Sustainable Development Department (RSDD)

The views expressed in this presentation are the views of the author/s and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy of the data included in this presentation and accepts no responsibility for any consequence of their use. The countries listed in this presentation do not imply any view on ADB's part as to sovereignty or independent status or necessarily conform to ADB's terminology.

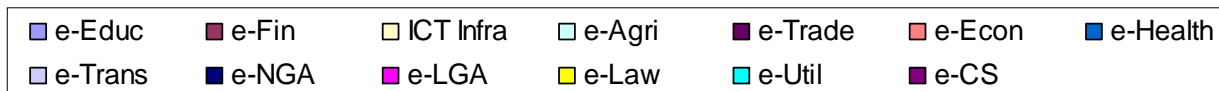
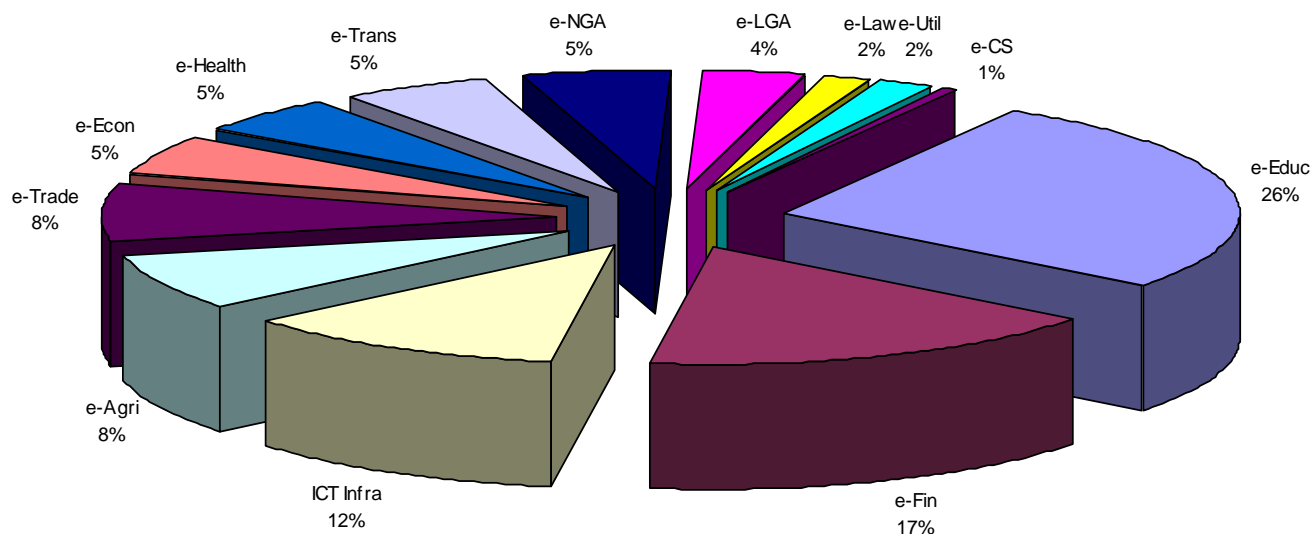
ADB ICT Strategy

- Three Thrusts

- 1) Create an enabling environment by fostering
 - the development of innovative sector policies
 - the strengthening of public institutions
 - the development of ICT facilities, related infrastructure and networks
- 2) Build human resources
 - to improve ICT related knowledge and skills
 - to promote ICT literacy and lifelong learning through e-learning and awareness programs
- 3) Develop ICT applications and information content
 - for ADB-supported activities, e.g., poverty reduction and good governance

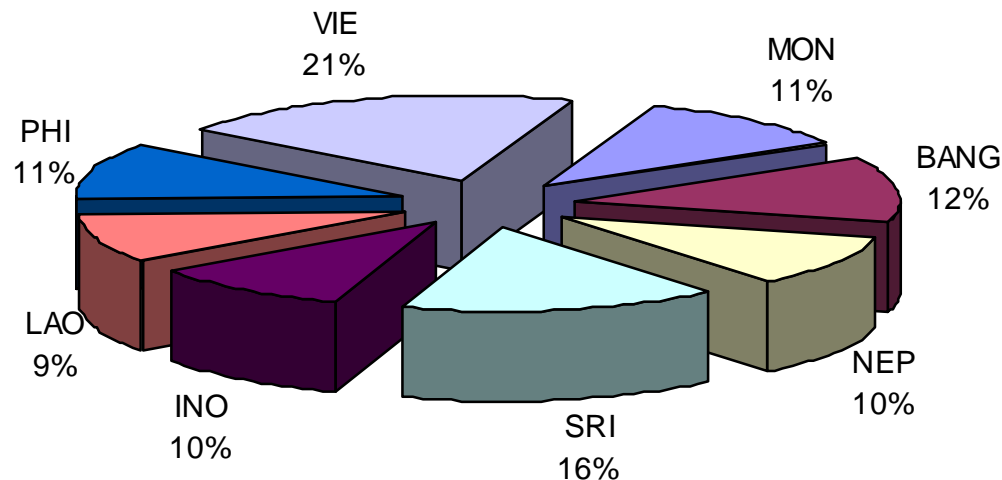
ICT Supported Project (\$3.6 billion and 175 Projects) during 2000-2008

ADB ICT Projects per e-Applications



Country Share in ICT supported Projects

Top 8 DMCs accounting for 64% of Total ICT Projects



ICT Needs and Trends in ADB Projects

ICT used in ADB to:

- bridge information or distance gap
- facilitate efficient organizational change and administration management and
- provide various ICT-enabled services such as electronic transactions and distant learning

Types of ICT Applications

- information system: agriculture market information system, financial information system, geographical information system (GIS), global positioning system (GPS)
- management and information system (MIS): revenue administration MIS, public accounting and financial MIS, environmental MIS, education MIS, health MIS, credit management system
- transaction and interface: electronic payment system, automated clearing system, online registration system, information exchange system, automated system for customs data (ASYCUDA), e-procurement
- electronic database
- web portal and online publication

ICT Needs and Trends in ADB Projects

- Sectors that have most actively engaged ICT are e-Government, e-Education, e-Agriculture, and e-Health
- 50% of total ICT projects are categorized as e-Government—use of ICT to promote efficiency, transparency, and innovation in government office administration, business process reengineering, back office processes, and build capacity of government staff.
- Focus has been changed from the “installation” of hard infrastructure (network, equipment, etc.) and soft infrastructure (policy and regulatory framework, strategy, master plan) to the “deployment” or how to embed ICT into everyday processes

ADB's Special Funds and Partnership on ICT

- Japan Fund for ICT (JFICT) (\$10 million)
 - Duration: 2001-2005
 - Aimed to bridge digital divide for poverty reduction.
 - 13 ADB projects approved in the areas of rural e-education, community e-centers, rice knowledge bank for Mongolia, PRC, GMS countries, and SASEC countries.
- Korea's E-Asia and Knowledge Partnership Fund (\$20million)
 - Duration: 2006-2010
 - Aimed to bridge digital and knowledge divide and promote ICT and knowledge transfer for poverty reduction
 - 32 Proposals approved by GOK amounting \$15.65 million as of November 2009
- Partnership with ITU, UNESCAP, NIA and Microsoft
 - Rural ICT Development (ITU)
 - Community e-Centers Program (UNESCAP)
 - Government Leaders' Capacity Building in ICT (NIA of Korea)
 - Technology, innovation, and education (Microsoft)