e-Learning in Cambodia: Perspectives, Strategies and Next Steps

A Country Report
Presented by

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Main points of presentation

- **Education Figures**
- **Why Cambodia need e-Learning?**
- **ICT : Strategic Context**
- **ICT Infrastructure, Situation Analysis**
- **ICT in Education for All (EFA) Strategies**
- **ICT and Curriculum Development**
- **ICT Forward Look, Key Priorities**
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- **ICT Forward Look, Key Priorities**
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Education Figures

- 67.3% literacy rate (15 years old and over)
- 18.30% of National budget expenditures to Educational System
- 9 public and 18 private universities and institutes
- Over 400 colleges and 180 high schools
- Around 20 thousands school graduates annually
- Over 3 millions college and high school students
- 310 students in higher Education per 100,000 population

Why Cambodia need e-Learning?

- Provide convenient and quality educational services to the people living in peripheries
- Decrease great expenses on foreign exchange programs
- Decrease costs related to traditional education
- Increase the level of computer literacy of population
- Provide access to global educational resources
- Provide ICT for education and professional development to who look for lifelong learning

ICT : Strategic Context

- Government ICT policy through National Information Communication Technology Development Authority (NiDA), 2000/01

- ICT infrastructure policy and strategy in Education Strategic Plan, 2001

- ICT programs detailed in National EFA Plan, 2003

- Pilot program, focused at management and teacher training level, from 2001

ICT Infrastructure, Situation Analysis

- Email connectivity limited to 24 provincial centers

- Mobile phone connectivity available nationwide as potential ICT gateway

- Dramatic growth in private ICT training providers as basis for public/private partnership

- ISP providers offer some preferential rates, but still expensive for schools

ICT in Education for All (EFA) Strategies

1. **Learning Needs Assessment and Curriculum Development**

    - Revise existing curriculum of Teacher training institution and public schools

    - Give all college lecturers and students to learn to use ITC

    - Develop training guides and electronic books, using such ICTs as CD and Webpages

...ICT in Education for All (EFA) Strategies

2. Leaning Resources, Research and Courseware:

    - Provide ICT for education and professional development to the under-privileged, the disables, and people who look for lifelong learning

    - Create possibilities of available and accessible information service by establishing educational information database, website and network

    - Decentralize produce a series of academic software and content annually and provide annual funding to various institution for content development as well as provide budget for localizing of useful foreign contents

ICT and Curriculum Development

- Introduction of ICT based teacher training materials in 24 provinces for primary and secondary school teachers

- Ongoing development secondary school science, maths and language ICT based resources

- Plans for introduction of ICT curriculum materials into 600 secondary schools, by 2007

- Piloting mobile ICT resource centers in disadvantaged areas

Impact on implementation of e-Learning in Cambodia

- Insufficient level of ICT infrastructure development
- Limited electricity supply and high costs of communication
- Lack of the experts on IT
- Resistance of professors (reluctance of teaching staff) against new models and methods
- Poor level of computer literacy of majority of adult population and poor English

ICT Forward Look, Key Priorities

✦ **Expansion of ICT education in disadvantaged schools for curriculum enrichment**

✦ **Expansion of mobile ICT resource centers nationwide, covering 185 districts**

✦ **Development of electronic ICT resource library for curriculum support, in 24 teacher training colleges**

✦ **Establish ICT resource centers in 600 secondary schools**

ICT Regional Networking

✦ **Committed to participation in ASEAN and SEAMEO implement project called "Strengthening Schools and SchoolNet Project in ASEAN Setting", supported by ASEAN Foundation, SEAMEO Secretariat and UNESCO Asia and Pacific Regional Bureau**

✦ **Desire to improve connectivity with other Education Ministry websites**

Thank you

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