



Current Status of ICT-in-Education in Cambodia

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ICT Overview in Cambodia



ICT in Cambodia's Education



Achievements & Ways forward



FAST Growing of the Digital Economy



7.8 million subscribers own 21.1 million SIM cards.



Internet users in Cambodia increased by 48% from 2012 to 2013.



93rd in the world (fixed line), and 53rd in the world (mobile lines).

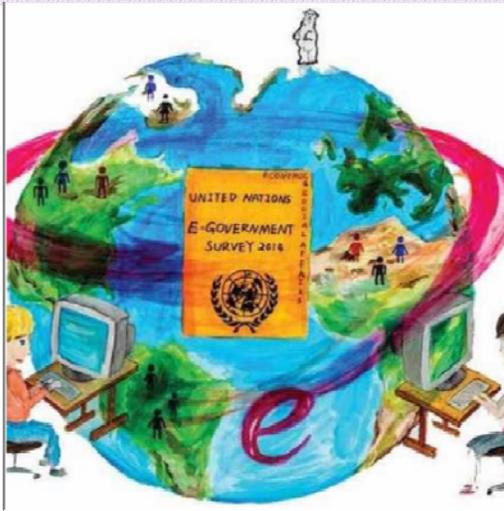


1,420,000 are active Facebook users.



Quick adoption of digital technologies driven by youth. Median age is 24.1 years.

E-Government Development Index



According to the UN Survey 2014, Cambodia stays in the lowest stage in EGDI, ranking at 139th among 193 nations.

A number of major challenges include:

- Basic infrastructures
- Electricity
- Telecom and ICT infrastructure
- Costs of ICT commodities and Internet connection
- ICT related laws and regulations
- Human resource/ICT literacy



ICT Education in Cambodia



Cambodia in the process of introducing ICT into schools through local, regional and international cooperation

ICT cannot be applied without clear goals

Adopting a longer term systemic strategy to narrow the digital gap (ICT Policy & Plan of Activities)

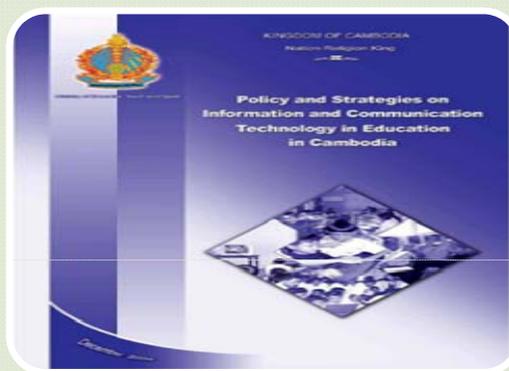
Developing Policy and Strategies on ICT in Education 2005

Developing the Master Plan and Plan of Activities for ICT integration in education system (2009)

ICT Education Policy and Plan



- “expansion of ICT as a teaching and learning tool as a means of improving education service productivity and management through improved information sharing, and communication



- To provide access to ICT for all teachers and students.
- To emphasize the role of ICT as a tool for teaching and learning.
- To promote education for all through usage of all types of electronic media



- General education
- Higher education
- Teacher training
- Non-formal and informal education
- Ministry administration and ICT education support

Cont'd

ICT-based professional skills training will take place in 10th-12th grade at all schools with computers ICT curriculum for grade 11 & 12 has been published.

100% of students completing their foundation year at the universities have to acquired ICT-integrated professional skills.

100% of pre-service teachers have acquired ICT professional skills in teacher training centers.

Teacher upgrading courses use video support in 50% of the science subjects

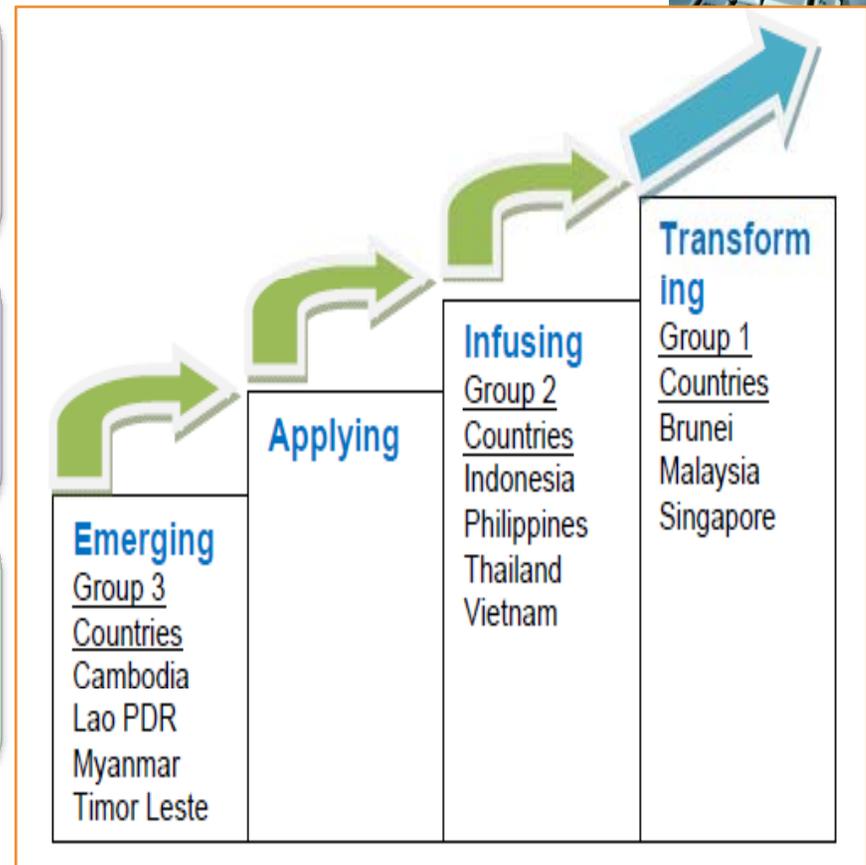


Figure 1: Three Groups of ICT Integration in Southeast Asian Countries (Source: Maftuh n.d.)

Success Stories of ICT Integration



Open Institute

Integrating the teaching of ICT in the Education system and administration.

Capacity of the MoEYS and HEIs is strengthened in regard to the essential principles of Open and Distance Learning (ODL) management.

The curriculum for grade 11 is focusing on professional skills that make use of computers, including communication and administrative assistance skills.

For grade 12, the curriculum is further developing these skills, using new tools, and will also expose students to the different employment opportunities related to ICT.

Cont'd



The Intel Teach Program

- A total of 1,445 teachers (of 10,160 high school teachers).
- Trainings in process had reached 1,048 trainees during all of 2012, raising the total to 2,245 by the end of the year, or 22% of all high school teachers.

VVOB

- Numerous workshops on the use of ICT in education and coaching to 150 teacher trainers
- ICT basic skills training + Intel teach cascade training
- Use of educational multimedia training

Cont'd



Busan
Metropolitan
City Office
of Education

- 2005-2014, Busan Metropolitan City Office of Education provided ICT training program for 192 high school teachers in Busan.
- 950 desktop computers to equip 16 high schools and 30 laptops computers and 25 Tablets to set up a mobile computer lab at the central level.

Infrastructure



VVOB

An online portal for sharing educational resources (<http://krou.moey.gov.kh>) was developed and ownership was transferred to MoEYS in 2012.

Provided ICT equipment including 120 computers and laptops, 30 LCD projectors and 24 TV-DVD sets to all PTTCs and RTTCs.

Ezecom “EzeCampus”

In June 2010, EzeCampus program was started in cooperation with the MoEYS, EZECOM installed fibre optic connection for top public universities, approximately 65 000 students `benefices to high speed internet.

In August 2012 the second step was initiated Internet service and computer equipment were provided to 50 general secondary education schools and teacher training institutions in the country.

Metfone Internet in Schools Project

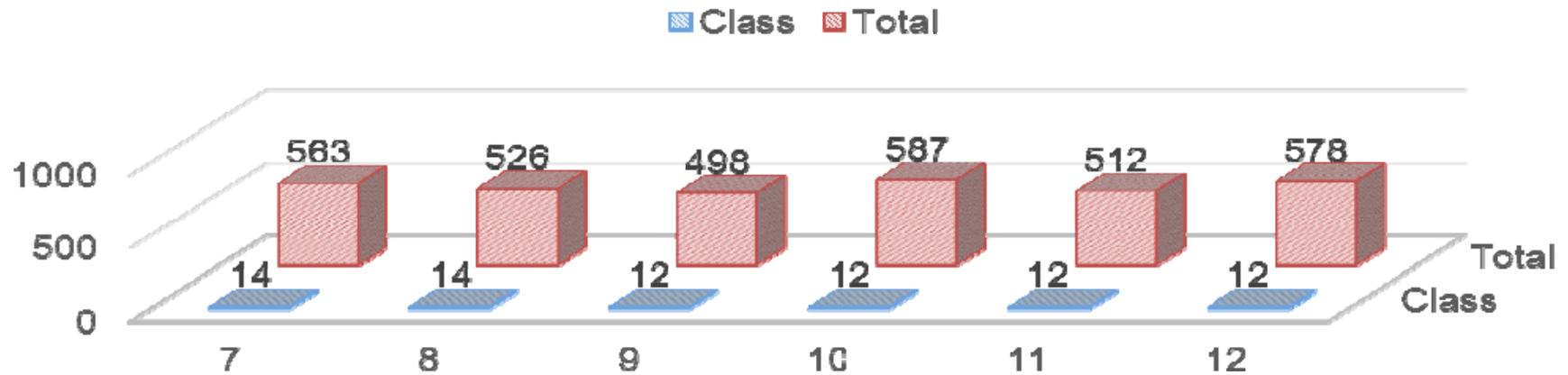
Since 2009, Metfone has connected more than 1000 schools and more than 200 MoEYS administration Offices to internet for free.

Scholarships and a set of PC was provided for each connected school.

Future School: Wat Phnom High School



MANAGEMENT/STUDENTS/CLASSES



Principal 1

Vice
Principal 4

Office
Staffs 4

Librarian 1

Teachers
202

Worker 1



moey.gov.kh/en/



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MINISTRY OF EDUCATION, YOUTH AND SPORT

ភាសាខ្មែរ ENGLISH

Home Education Youth Sport

Vision Sport Magazine Sport Activities Programs/Calendars

Opening Speech by His Excellency Dr. Hang Chuon Naron, Minister of the Ministry of Education, Youth and Sport at the Official Launching Ceremony of the Second Education Sector Support Project (SESSP)




ទំព័រផ្ទៃក្នុង

ព័ត៌មានសារព័ត៌មានកីឡា MoEYS

សេចក្តីប្រកាសអំពីការប្រើប្រាស់ប្រព័ន្ធសម្រាប់សិក្សាស្រាវជ្រាវ និងការអប់រំ

News | Press Releases | Announcements | Scholarships

Press Release: Education Leaders of the royal government of Cambodia supports integrated early childhood care and development

tps://www.facebook.com/moeys.gov.kh

MoEYS Cambodia



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110,103 likes
233 visits

Seng Bandith, Kaknika Chhorn and 231 other friends like this or have been here.

MoEYS Cambodia 21 hours ago

http://ow.ly/BuZN3

krou.moeys.gov.kh/en/



MINISTRY OF EDUCATION, YOUTH AND SPORT

Open Educational Resources

ភាសាខ្មែរ ENGLISH

Home Materials for classroom Reference documents for teachers Useful links Support

Welcome to the Krou website!

Most Popular **Most Recent** **Science Simulations** **Lesson Plans**

Document category

- Lesson Plans
- Animations & Simulations
- Video & Audio
- Educational Games
- Posters & Images
- Exercises & worksheets
- Presentations

Level/Grade category

- Primary Education
- Lower Secondary
- Upper Secondary
- Higher Education

Topic category

- Science
- Language
- Mathematics
- Social sciences
- Other

Latest documents

កម្មវិធីអប់រំពិទ្ធជាមួយវិទ្យាសាស្ត្រប្រវត្តិវិទ្យាថ្នាក់ទី ៧
 កម្មវិធីអប់រំពិទ្ធជាមួយវិទ្យាសាស្ត្រគីមីវិទ្យាថ្នាក់ទី ៧
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 កម្មវិធីអប់រំពិទ្ធជាមួយវិទ្យាសាស្ត្រគីមីវិទ្យាថ្នាក់ទី ៧
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 ទឹកស្អាត និងអនាម័យផ្ទាល់ខ្លួន
 Second law of Newton
 Balloons and static electricity
 Covalent bonds
 Electrolysis

Libraries

>> June 2014 (5)

Ways forward



Expanding Resource Schools and developing the use of ICT support materials in the revision of the school and teacher training curriculum.

ICT teaching and learning materials can be provided in Khmer language at international standards.

Providing access to E-learning, distance learning and networking standards, and be used to enrich the teacher education curriculum through accessing the Internet for special studies.

Expanding links with potential international partners in expanding ICT based support to education service delivery.

Continued professional development of teachers, administrators, technology coordinators.



**THANK YOU FOR YOUR
ATTENTION!**



ICT is “a combination of computer covered Internet service provision, telecommunications equipment and services, information technology equipment and services, media and broadcasting, libraries and documentation centers, commercial information providers, network-based information services, and other related information and communication activities.” (UN 1999)

“a diverse set of technological tools and resources used to communicate and to create, disseminate, store and manage information.” (Tinio 2005).

Voogt and Gerald (2008) referred ICT as “all technologies used for processing information and communication.”

ICT can be used in education in two ways:

1. ICT literacy education means education about computers and information communication.

2. ICT application education is an education in which ICT is employed to enhance learning in various subjects such as mathematics, science and foreign languages (Jun 2009).