PROGRAMME

CONSULTATIVE MEETING AND LAUNCH OF THE NEXT GENERATION OF TEACHERS PROJECT

AT
IMPERIAL QUEENS PARK HOTEL
BANGKOK-THAILAND
16-18 May 2006
Welcome Remarks

Alan K. Jolliffe
Project Officer, Next Generation of Teachers Project
UNESCO Bangkok

On behalf of the ICT in Education Unit of the UNESCO Bangkok office, I am delighted to welcome you to the Consultative Meeting and Launch of the Next Generation of Teachers project.

I would like to give a special welcome to Dr. Kol Pheng, Senior Minister and Minister of Education, Cambodia. We are very pleased that he was able to join us for the launch of the Next Generation of Teachers Project.

The Next Generation of Teachers in Cambodia

The Next Generation of Teachers (Next Gen) project aims to improve the integration of information and communication technologies (ICT) into teacher training in the Asia-Pacific region. The aim is not just to improve the ICT skills of teacher educators and pre-service teachers, but to ensure they are able to utilize ICT to enhance the quality of teaching and learning and create innovative learning environments. The project will especially focus on enabling the next generation of teachers to utilize ICT to provide more learner centred instruction for the next generation of students.

When I am asked why there is a need for the Next Gen project, I point out that changes in society and technology require changes in education. Over recent decades we have been shifting from industrial economies to knowledge-based economies. In industrial societies, the focus was on production of goods, but in a knowledge-based economy, the focus is on information and ideas.

With developments in ICT, such as the rise of the Internet, information is increasingly available and more easily accessible. In today’s world, knowledge can be accessed from many sources and in many ways. However, the education systems of many countries are still based on the belief that teachers are the source of knowledge. Many teachers still see their role as knowledge-providers. However, with developments in ICT the role of teachers is changing towards that of facilitators who provide guidance for learners in finding knowledge from a variety of sources.

At the same time, the developments in ICT and other changes have meant that a new type of workforce is required. In knowledge-based economy employers require employees who are able to utilize ICT in their daily activities, have problem solving skills, and reasoning abilities, and who
show initiative. They also seek employees who are team players with good communication skills, and who are adaptable and are professional in their attitude to the workplace.

Our education system must produce school leavers with these abilities and skills. The conventional teacher-directed, teacher-centred, content focused, learning contexts are no longer applicable. Teachers now need to move away from being content providers and become facilitators who guide the learning process and assist learners in the process of acquiring and internalising information, and in learning to become responsible for their own learning.

The table below outlines the changes in roles needed by teachers and students to move to learner-centred environments.

**Changes in Student and Teacher Roles**

<table>
<thead>
<tr>
<th>Changes in Teacher Role</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A shift from:</strong></td>
</tr>
<tr>
<td>Knowledge transmitter, primary source of information,</td>
</tr>
<tr>
<td>content expert, and source of all answers.</td>
</tr>
<tr>
<td><strong>A shift to:</strong></td>
</tr>
<tr>
<td>Learning facilitator, collaborator, coach, mentor,</td>
</tr>
<tr>
<td>knowledge navigator, and co-learner.</td>
</tr>
<tr>
<td>Teacher controls and directs all aspects of learning.</td>
</tr>
<tr>
<td><strong>Teacher gives students more options and responsibilities for their own learning.</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Changes in Student Role</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A shift from:</strong></td>
</tr>
<tr>
<td>Passive recipient of information.</td>
</tr>
<tr>
<td>Reproducing knowledge.</td>
</tr>
<tr>
<td>Learning as a solitary activity.</td>
</tr>
<tr>
<td><strong>A shift to:</strong></td>
</tr>
<tr>
<td>Active participant in the learning process.</td>
</tr>
<tr>
<td>Producing and sharing knowledge, participating at</td>
</tr>
<tr>
<td>times as expert.</td>
</tr>
<tr>
<td>Learning collaboratively with others.</td>
</tr>
</tbody>
</table>

**Teacher Centred** and Learner Centred

Teacher centred  Learner centred

Teacher  Student  Content  Facilitator  Independent Learner

“A shift from teacher-centred instruction to learner-centred instruction is needed to enable students to acquire the new 21st century knowledge and skills.” (p23)

Ten countries from the Asia-Pacific region will participate in the Next Gen project, namely, Cambodia, India, Indonesia, Lao PDR, Malaysia, People’s Republic of China, Philippines, Sri Lanka, Thailand and Viet Nam.

In each of the ten countries, three teacher education institutes will take part in projects to integrate ICT into their curricula and enable the next generation of teachers to develop more learner-centred methods of instruction.

It is hoped that in this consultative meeting we can initiate the development, in a spirit of cooperation, of workable and functional plans to improve the integration of ICT in each of the participating teacher education institutions.

Through this meeting it is also hoped that an effective network can be developed between countries and individuals so that cooperation and assistance can continue long after this project is completed.

I wish you a rewarding and fruitful learning experience at this meeting. I hope your enjoy your time in Thailand and take the time to appreciate their unique culture and customs, enjoy their legendary hospitality and sample their delicious cuisine.

Alan K. Jolliffe
UNESCO Asia and Pacific Regional Bureau for Education

The UNESCO Office in Bangkok was established in 1961 and is now both the Regional Bureau for Education in the entire Asia-Pacific region and the principal coordinator of UNESCO activities, across sectors, in the Mekong region. UNESCO promotes education as a basic human right and a necessity for development. Under the banner of “Education for All”, UNESCO aims to ensure that all people have access to education of quality. Education for good citizenship, for values which promote peace and for the fulfilment of human rights is at the core of its work.

Microsoft

Microsoft is the initiating partner in the Next Generation of Teachers Project. Founded in 1975, Microsoft (Nasdaq “MSFT”) is a worldwide leader in software, services and solutions that help people and businesses realize their full potential.

Cisco Systems

Cisco Systems is the worldwide leader in networking for the Internet. Today, networks are an essential part of business, education, government and home communications, and Cisco Internet Protocol-based (IP) networking solutions are the foundation of these networks. Cisco’s corporate philanthropy focuses on four issues: Basic Human Needs, Access to Education, Responsible Citizenship, and Innovation in Nonprofits.

How to become a partner with UNESCO

This project can only be implemented in cooperation with our partners. The Next Generation of Teachers Project welcomes new partners to take part in implementing the activities that will lead to enhancing the reach and quality of teaching and learning in the Asia-Pacific region, as well as to our wider goal of contributing to achieving the Education For All goals and to reducing the Digital Divide.

For information on how your company, organization, or institution can participate in achieving the stated goals, please refer to the table below and contact the Next Generation of Teachers Project Team (contact details provided at the back of this programme).
How You Can Participate

Your contribution is invaluable in utilizing ICT to enhance the reach and quality of teaching and learning. Organizations and individuals are welcome to become involved in the Next Generation of Teachers Project or the programme in general relating to your area of interest, knowledge or experience. Below are some suggestions on how you can become involved.

| The private and public sectors, and philanthropic organizations | Financial contributions will enable the ICT in Education programme to sustain its activities and plan for the future. Donations of equipment, materials and services will assist the programme in achieving specific project objectives. Sharing of information, knowledge and expertise will facilitate project implementation. |
| Teachers and Teacher Training Institutions | Active involvement in the online teachers’ forum and membership of networks will result in greater exchange of knowledge and lessons-learned, thereby assisting to better integrate ICT into education in the region. |
| Learners | Sharing of information about the benefits of integrating ICT in education with your teachers, educational facility, community and local decision-makers, will encourage greater integration of ICT into education systems in the Asia-Pacific region. |
| Press / Media | Informing decision-makers, teachers and learners about the potential of ICT to contribute to enhancing teaching and learning, will assist in raising awareness and bringing about change in governments, schools and institutions. |

By working as a partner with UNESCO your company can make a real difference
PROJECT SUMMARY

The Next Generation of Teachers Project:
Building the Capacity of Teacher Education Institutions to Prepare
the Next Generation of Teachers for ICT-Enhanced Teaching and Learning

Background

With the rapid developments in technologies in recent decades, there have been transformations in economies and societies which have resulted in changes in terms of the skill-sets and abilities demanded by employers. This has led to pressure on schools, teachers and teacher education institutions (TEIs) to ensure that school-leavers are adequately prepared for the changed workplace.

Recognizing this situation, the UNESCO ICT in Education Unit, initiated the Next Generation of Teachers (Next Gen) project. The Next Gen project addresses the need to ensure teacher education institutions in the Asia-Pacific region are effective in providing the competencies required by teachers in knowledge societies. The project aims to assist TEIs to provide trainee teachers with skills in the operation of ICT, in how to integrate ICT effectively into teaching, and in how to utilize ICT to enhance preparation of teaching materials. The project also aims to enable TEIs to prepare teachers for their changed role, as facilitators rather than knowledge-providers, and to train teachers to utilize more learner-centred methodologies. The Next Gen project is supported by its key partners Microsoft (initiating partner) and Cisco Systems.

The UNESCO vision of the future of teacher education is expressed by the Director of the UNESCO Asia and Pacific Regional Bureau for Education in Bangkok, Sheldon Shaeffer, as follows,

"By 2008, all regional Member States will be in a position to offer teachers an education on how and when to best use technologies for teaching and learning, through training which is integrated in all national pre-service teacher training institutions in the Asia-Pacific region. Learners will directly benefit from this new generation of well educated teachers, who will be empowered to use technologies and to facilitate active participation in learning, and in the knowledge societies and economies."

Key Project Activities

- Convene the Consultative Meeting and Launch of the Next Generation of Teachers project
- Conduct a situation and needs analysis of TEIs in the Asia-Pacific region.
- Evaluate resources and methods that may be suitable and useful to support a learner-centered ICT-integrated curriculum in TEIs.
- Construct a core, standards-based ICT integrated curriculum and the necessary resources for the TEIs in the Asia Pacific region.
- Assist in the design, development and implementation of ICT-integration projects in selected TEIs.
- Disseminate the project materials and approaches.
- Report on the lesson learned and best practices of implementing the ICT integrated curriculum.
The “Consultative Meeting and Launch of the Next Generation of Teachers Project” will initiate the Next Gen project activities. This Meeting will bring together experts from across the Asia-Pacific region, including representatives from Ministries of Education (MoEs) of the ten participating countries and from Teacher Education Institutions (TEIs) chosen to pilot the “Next Generation of Teachers” project. The meeting will draw on the participants’ knowledge and experience to further develop and shape the Next Gen project and its activities, and to refine needs analysis instruments.

In addition, the Meeting will be an opportunity for representatives of the Ministries of Education and TEIs to sign a Memorandum of Agreement (MoA) with UNESCO regarding the implementation of the Next Gen project. The signing ceremony will take place as part of a Press Conference on the opening day of the Meeting.

The meeting is being organized by the ICT in Education Unit of the UNESCO Bangkok office, with the support of initiating partner Microsoft, and Cisco Systems. Participants of the meeting will include representatives from Ministries of Education and

The meeting will be divided into two main parts:
• Launch of the Next Generation of Teachers Project on 16 May 2006.
• Consultative Meeting from 17 to 18 May 2006.

The ten countries from the Asia-Pacific region participating in the Next Gen project are Cambodia, India, Indonesia, Lao PDR, Malaysia, People’s Republic of China, Philippines, Sri Lanka, Thailand and Viet Nam.

**MEETING OBJECTIVES**

- Introduce the aims, objectives and planned activities of the Next Generation of Teachers Project.
- Encourage interaction, cooperation and networking among representatives from Ministries of Education and between TEIs.
- Facilitate sharing of ideas and examples of best practice between experts.
- Initiate the development of action plans by each TEI (for implementation of the Next Gen project).
AGENDA
CONSULTATIVE MEETING AND LAUNCH OF THE NEXT GENERATION OF TEACHERS PROJECT
16-18 MAY 2006, IMPERIAL QUEENS PARK HOTEL

DAY ONE: TUESDAY, 16 MAY 2006
VENUE: Queens’ Park Room three, 2nd Floor

8.00 – 9.00 Registration of Participants

9.00 – 9.15 Welcome and Official Opening

Dr. Molly Lee, APEID Coordinator, Programme Specialist in Higher Education, UNESCO Bangkok

9.15 – 10.15 Keynote Address

“Challenges and Issues in Integrating ICT into Thai Teacher Education”

Dr. Thanomporn Laohajarussang, Director, Information Technology Service Center, Chiang Mai University

10.15 – 10.45 Coffee break

10.45 – 11.00 Address

“Introduction to the Next Generation of Teachers Project”

Alan K. Jolliffe, Project Officer, ICT in Education Unit, UNESCO Bangkok

11.00 – 11.15 Address

“Microsoft role in supporting ICT in teacher training”

Vincent Quah, Microsoft, Regional Academic Programs Manager, Asia Pacific Region

11.15 – 11.30 Address

“Cisco role in supporting in ICT teacher training”

Dr. Michelle Selinger, Cisco Systems, Education Strategist, Worldwide Corporate Affairs

11.30 – 12.15 Press Conference

▪ Address by H.E. Dr. Kol Pheng, Minister of State and Minister of Education, Youth and Sport, Cambodia
▪ Signing of the Memorandum of Agreement between the participating countries and UNESCO Bangkok
▪ Press interviews
▪ Photo session

12.15 – 13.30 Lunch

Venue: Parkview Restaurant, ground floor

13.30 – 14.40 Panel Discussion Session

“Overview: UNESCO’s ICT in Education Programme”

▪ Policy Project: Benjamin Vergel De Dios, UNESCO, Bangkok
▪ SchoolNet Project: Alexa Joyce, UNESCO, Bangkok
▪ ICT in Teacher Training: Dr John T. Denny, UNESCO, Bangkok
▪ Q & A

14.40 – 15.40 Panel Discussion Session

“Challenges and Issues in Integrating ICT into Teacher Education in the Asia-Pacific region”
Chair: Dr. Molly Lee, APEID Coordinator, Programme Specialist in Higher Education, UNESCO Bangkok

Panelists:
- Dr. Miao Fengchun, Director, National Research Centre for Computer Education, Beijing Normal University, People’s Republic of China
- Professor Jonathan Anderson, Flinders University, Australia
- Associate Professor Dr. Lim Cher Ping, Nanyang Technological University, Singapore
- Vincent Quah, Microsoft, Regional Academic Programs Manager, Asia Pacific Region
- Dr. Michelle Selinger, Cisco Systems, Education Strategist, Worldwide Corporate Affairs

15.40 – 16.00 Coffee break
16.00 – 16.45 Panel Discussion Session
“The Future ICT Needs of Students”
Chair: Jirat Jamsawang, Director, Technology Electronic and Computer Centre, Suankularb Nonthaburi School

16.45 – 17.00 Wrap-up
Alan K. Jolliffe, Project Officer, ICT in Education Unit, UNESCO Bangkok

17.00 – 17.30 Break

17.30 – 20.30 Welcome Dinner

Venue: Queens’ Park Room Two, Queen’s Park Tower, Imperial Queens Park Hotel
DAY TWO: WEDNESDAY, 17 MAY 2006
VENUE: Rooms Five and Six, 2nd Floor

9.00 – 10.30 Discussion session (Room 5)
“Next Gen Project Proposal”

Chair: Associate Professor Dr. Lim Cher Ping, Nanyang Technological University, Singapore, and Alan K. Jolliffe, Project Officer, ICT in Education Unit, UNESCO, Bangkok.

Informal discussion of the situation regarding ICT integration into teacher training in each participating country.

10.30 – 11.00 Coffee break

11.00 – 12.00 Group-work session (Room 5 and Room 6): “The Next Generation of Teachers Project Proposal”

Break out into small groups to discuss the project proposal.

12.00 – 12.30 Group-work session

Group leaders report back.

12.30 – 13.30 Lunch

Venue: Parkview Restaurant, ground floor

13.30 – 14.00 Discussion Session: “Project Technology Plan”

Chair: Professor Jonathan Anderson, School of Education, Flinders University, Australia and Alan K. Jolliffe, Project Officer, ICT in Education Unit, UNESCO Bangkok

14.00 – 15.00 Group-work session

Break out into small groups to discuss how to develop a project technology plan; to choose country coordinators; and to identify possible projects at TEIs.

15.00 – 15.30 Coffee break

15.30 – 16.30 Group-work session

Discussions continue in small groups.

16.30 – 17.00 Group-work session

Group leaders report back.

17.00 – 17.30 Wrap-up

Chair: Alan K. Jolliffe, Project Officer, ICT in Education Unit, UNESCO Bangkok

End of Day Two
DAY THREE: THURSDAY, 18 MAY 2006
VENUE: Room Five and Room Six, 2nd Floor

09.00 – 10.30  Discussion Session

“Needs Analysis”

Chair: Dr. Miao Fengchun, Director, National Research Centre for Computer Education, Beijing Normal University, China, and Alan K. Jolliffe, Project Officer, ICT in Education Unit, UNESCO Bangkok.

Discussion of needs analysis instruments.

10.30 – 11.00  Coffee break

11.00 – 11.45  Group-work session

Discussions continue in small groups.

11.45 – 12.30  Group-work session

Group leaders report back.

12.30 – 13.30  Lunch

Venue: Parkview Restaurant, ground floor

13.30 – 15.00  Discussion Session

“Country Action Plan”

Chair:
- Alan K. Jolliffe, Project Officer, ICT in Education Unit, UNESCO Bangkok
- Dr. Miao Fengchun, Director, National Research Centre for Computer Education, Beijing Normal University, China
- Professor Jonathan Anderson, School of Education, Flinders University, Australia
- Associate Professor Dr. Lim Cher Ping, Nanyang Technological University, Singapore

15.00 – 15.15  Closing remarks

H.E. Dr. Kol Pheng, Minister of State and Minister of Education, Youth and Sport, Cambodia

15.15 – 15.30  Coffee break

End of Day Three
Next Generation of Teachers Project Team

**Alan K. Jolliffe**
*Position:* Project Officer (Next Gen Project)

**Profile:** Alan is responsible for the “Next Generation of Teachers” (Next Gen) project. Prior taking up his present position Alan was team leader of the Secondary Education Quality Improvement Project in Northeast region of Thailand and an evaluator for the Global Evaluation of eLearning Project for the United Nations Office of Drug and Crime. In Singapore he was a senior lecturer at Temasek and Singapore Polytechnic in Staff Development and eLearning for over ten years. In Singapore he developed Singapore’s first virtual college for students and an eLearning staff development portal. Also, he served as a member of the task force on educational technology for the International Council of Distance Education.

**Tanaporn Perapate (Maprang)**
*Position:* Assistant Project Officer (Next Generations of Teachers project)

**Profile:** Tanaporn is responsible for assisting in the implementation of the “Next Generation of Teachers” project.

**Permsak Chakapun (Jeff)**
*Position:* Administrative Assistant

**Profile:** Permsak performs administrative tasks and assists in the implementation of the “Next Generation of Teachers” project.

Other Members of the ICT in Education Unit and Team

**Cedric Wachholz**
*Position:* Chief, ICT in Education Unit

**Profile:** Cedric is responsible for planning, co-ordinating implementing, monitoring and evaluating projects and activities on the introduction and use of ICT in education in the region, including four projects: 1) The Meta-Survey on Effective Use of ICT in Education; 2) Strengthening ICT in Schools and SchoolNet in the ASEAN Setting; 3) ICT in Education Policy Project; and 3) The Regional Clearinghouse on ICT in Education for Asia and the Pacific.

**Molly Lee**
*Position:* Chief, Asia-Pacific Programme of Educational Innovation for Development (APEID)

**Profile:** Molly is the Project Officer for the “Training and Professional Development of Teachers and Other Facilitators for Effective Use of ICT in Teaching and Learning” project.
Benjamin L. Vergel De Dios
**Position:** Assistant Project Officer (ICT in Education Policy project)

**Profile:** Benjamin is responsible for assisting in the implementation of the "ICT in Education Policy" project. He works with many partners to develop the policymakers' toolkit, train ministry officials in the toolkit use, establish supportive networks, and share the materials developed and lessons learned.

Alexa Joyce
**Position:** Assistant Project Officer (SchoolNet project)

**Profile:** Alexa is responsible for assisting in the implementation of the "UNESCO SchoolNet" project.

Maneerat Woramunee (Mee)
**Position:** Administrative Assistant

**Profile:** Maneerat's main duties are working on the ICT in Education Policy and SchoolNet Projects, and assisting in administrative tasks.

Ellie Meleisea
**Positions:** Editor, Assistant Project Officer (ICT in Education Clearinghouse project)

**Profile:** Ellie is responsible for updating the ICT in Education website and databases; and for compiling, editing, repackaging and disseminating information on ICT in Education through the website, publications, CD-ROMs and other media.

John “Tim” DENNY
**Position:** Project Assistant (ICT in Teacher Training project)

**Profile:** Tim’s main duty is to manage a nine-country national-level project that delivers intensive workshops on ICT for pedagogy integration. In this post, he also serves as an instructor of innovative ICT integration methodologies.

Yaozhong Lu (Simon)

**Profile:** Simon is working with APEID, assisting in the organization of the ICT-Pedagogy Integration Workshop under the ICT in Teacher Training project.
Imperial Queens Park Hotel is located at 199 Sukhumvit Soi 22, Bangkok 10110 Thailand, Tel. (66 2) 261-9000 Fax. (66 2) 261-9530-4, Email: queenspark@imperialhotels.com. The Inauguration Ceremony will be held at the Queens Park 3, where the consultative meeting on 17-18 May will be held at Queens Park 5 and 6. Lunch will be provided at the event.

ROOMS TO BE USED:
16 May: Queens Park Room 3
17 May: Queens Park Rooms 5 and 6
18 May: Queens Park Rooms 5 and 6
HOW TO GET TO UNESCO

The Mom Luang Pin Malakul Centenary Building, in which UNESCO Bangkok and the Southeast Asian Ministers of Education Organization (SEAMEO) share offices, is conveniently located on the corner of Sukhumvit Road Soi 40 and is within walking distance from Thonglor BTS Skytrain station.
CONTACT INFORMATION

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This Next Generation of Teachers Project is supported by the initiating partner, Microsoft, and by Cisco Systems.

UNESCO would like to express sincere appreciation to these companies as well as other organizations and individuals who have contributed to discussion sessions and in preparations for launching the Next Generation of Teachers project.