FACILITATING EDUCATIONAL INNOVATIONS IN ASIA & THE PACIFIC: CONSULTATIVE MEETING FOR APEID, 19-21 NOVEMBER 2013

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Outline of Presentation

1. Background/Context – SEAMEO INNOTECH

2. SEAMEO INNOTECH – Five Year Development Plan (2011-2016) as Framework for Educational Innovation

3. Four Flagship Initiatives related to APEID Programmes

4. Points of Reflection on Enhancing Educational Innovations in Asia & the Pacific
The Southeast Asian Ministers of Education Organization or SEAMEO was established on November 30, 1965 to promote cooperation among Southeast Asian nations through education, science and culture in order to further respect for justice, for the rule of law and for the human rights and fundamental freedoms which are the birthrights of the peoples of the world.
SEAMEO Member Countries

- Brunei
- Cambodia
- Indonesia
- Lao PDR
- Malaysia
- Myanmar
- Philippines
- Singapore
- Thailand
- Timor Leste
- Vietnam
Regional Center for Educational Innovation & Technology - one of 20 specialist SEAMEO Regional institutions, hosted by the Philippines
Located in the University of the Philippines Diliman Campus, Quezon City, PHILIPPINES
Vision

• To Be the Preferred Education Solutions Provider in Southeast Asia and Beyond
Mission

- To facilitate teaching and learning through innovative and technology-based research and training solutions in order to fully develop the potentials of the peoples in Southeast Asia
43 Years of Educational Innovation and Technology

**Jan. 23, 1970**
- Established as a Regional Center for Educational Innovation & Technology

**Center Mandate**
- Anticipate common as well as unique needs of SEAMEO member states by providing solutions to help address access, equity and quality teaching and learning.

**Our Operational Guideline**
- A shift from traditional and resource-bound thinking about needs and solutions in order to meet education and learning needs.
The 8th SEAMEO INNOTECH
Five-Year Development Plan
2011-2016
FOUR (4) THEMATIC AREAS
(To achieve EFA, MDG & ESD goals)

THOUGHT LEADERSHIP

EQUITABLE ACCESS TO QUALITY EDUCATION

EDUCATIONAL MANAGEMENT & INSTRUCTIONAL LEADERSHIP

EDUCATION FOR SUSTAINABLE DEVELOPMENT
The 8th Five-Year Development Plan (Strategic Framework)

- CAPABILITY-BUILDING
- TECHNOLOGY TRANSFER

- Research Studies
- Solutions Development
- Knowledge Management
- New Technologies Adaptation
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1. eXCELS

Excellence in School Leadership for Southeast Asia
An on-line capacity building program which aims to promote excellence in school leadership within the SEAMEO member countries by enhancing school heads’ capacity to as agents of change and innovation in their schools and communities.

Courses are blended and use a customized open source/moodle Learning Management system (I-FLEX)
The suite of courses are based on a competency framework for Southeast Asian School Heads including:

- ICeXCELS
- TEACHeXCELS
- SUPEReXCELS
- TECHeXCELS
- PEACeXCELS
- CHANGeXCELS
- SEAeXCELS
- HEALTHeXCELS
- LEADeXCELS
- PDeXCELS
ICeXCELS

- **ICeXCELS** (Instructional and Curricular Excellence in School Leadership for Southeast Asia)
- A flexible short course for elementary and secondary school administrators in developing instructional and curricular leadership.
- It addresses the need to develop and strengthen the school head's role as an instructional leader in promoting or improving the quality of teaching or learning in his/her school.
Supervision Excellence for School Leaders course is designed to enhance skills and management techniques in developmental, differentiated, and clinical supervision for school heads who conduct instructional supervision.
TEACHeXCELS

• TEACHeXCELS is a short course designed to enhance the instructional leadership skills of school heads in managing and supporting the teaching-learning processes in schools.
Technology Excellence in School Leadership course is designed to build the capacity of school heads to manage the integration and application of technologies in the teaching-learning process and school management.
PEACeXCELS

- A capability-building program for Southeast Asian School Heads on promoting peace and respect for multicultural diversity
CHANGeXCELS

- A flexible learning course on strengthening the capacity of SEA school heads to become change leaders and managers as well as transformers of the future within and beyond their school and community.
• A flexible learning course designed to equip school heads with competencies to promote an understanding of Southeast Asian community within and beyond their schools and community in support of ASEAN Vision 2015.
LEADeXCELS

- Designed to strengthen the capacity of SEA school heads in preparing for, and responding to natural and man-made disasters, and ensuring that education and learning continue even in emergency situations. Supported by a DRRM Toolkit for SEA school heads.
HEALTHeXCELS

- A flexible learning course designed to strengthen the capacity of SEA school heads to promote, implement and manage school health programs in partnership with the community.
All eXCELS courses are blended and use a customized open source/moodle Learning Management system (I-FLEX)

Courses are competency-based

Technology transfer of mature flexible learning solutions to partner institutions

Incorporate academic credit recognition and certification options in partnership with universities/TEIs

To date about 10,000 SEA school heads trained on eXCELS courses
2. GURO21

Gearing Up Responsible and Outstanding Teachers for the 21st Century
Gearing Up Responsible and Outstanding Teachers for the 21st Century

- A flexible learning program for SEA teachers designed to upgrade their competencies in addressing the challenges of the 21st Century

- Courses are founded on a Competency Framework for Southeast Asian School Teachers of the 21st Century
GURO21 courses currently include:

- **Course 1**: Facilitating the Development of 21st Century Skills for SEA Teachers

- **Course 2**: Developing Higher Order Thinking Skills
Use of multi-modal delivery strategies including:

- self-instructional modules (print, CD, web-based)
- Certified flexible learning tutors
- On-line learning management system (i-FLEX)
- Internet-based chat and discussion forums
- Use of Big-Blue button for webinars and live chat discussions
3. Mobile Technology for Teachers
Mobile Technology for Teachers

Background

• High level of mobile device users in SEA – including among teachers
• Provides opportunities for use of mobile technologies for educational purposes and address traditional digital divide issues
• Need for capacity building and support for teachers in using mobile devices for professional development and teaching-learning
• SEAMEO INNOTECH has over a decade of experience in using mobile phones for teacher and learner development
text2teach

- aims to help improve the quality of teaching in science, mathematics, and English in Grades IV, V & VI classes
- uses highly interactive, easy-to-use multimedia packages designed to increase motivation and make learning more meaningful among young learners
- Uses mobile telephones for content storage & delivery
- involves partnership with private sector, government and international development agencies
- More than 500 schools using text2teach technology
MT4T (Mobile Technology Resource Kit for SEA Teachers)

- A multimedia resource kit for teachers designed to enrich their perspectives on the possibilities for using mobile technology for personal and professional development as well as for teaching and learning critical and creative thinking and other 21st century skills

- Comprises series of e-books covering the three most popular mobile platforms (iOS, Android, Windows 8) and social media plus a web portal

- Development ongoing. Dissemination will begin January 2014
MT4T (Mobile Technology Resource Kit for SEA Teachers)

- Includes repository of compilation of existing resources, suggestions and examples of good practices for teachers in using mobile devices and social media to promote HOTS e.g.,
  - Use of blogs for reflective thinking & sharing of ideas
  - Accessing digital libraries
  - Use of mobile device features/applications for HOTS
  - Use of social media for staff development, facilitating teacher learning communities and as learning tool
  - Use of mobile devices to develop supplementary instructional materials
PHASE 2 of the Project (Jan-Dec 2014) focuses on Using Mobile Technologies to develop emotional intelligence in students to protect them from the effects of “infollution” and enhance their capacities as responsible digital citizens.

Includes building capacities for self-regulation, managing interpersonal relationships, and creating positive e-spaces.

Also includes a regional policy forum for Southeast Asian Ministries of Education on issue of “infollution” and the response by education systems (tentative schedule March 2014).
4. Preparing for ASEAN 2015
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Background

• 2003 – ASEAN Leaders agreed to establish an ASEAN Community by 2020 (Bali Concord) based on three mutually reinforcing pillars
  • Political Security Community
  • Economic Community
  • Socio-Cultural Community

• 2007 – ASEAN decided to accelerate target date to 2015

• SEAMEO Council of Ministers directs all SEAMEO Centers to support preparations for ASEAN 2015

• SEAMEO INNOTECH prioritized support for ASEAN Vision 2015 as one of strategic priorities of its 8th FYDP – 2011-2016
Compilation of teaching-learning materials related to SEA anchored on the ASEAN 2015 Vision (includes: curricular materials; sample lesson plans; articles; books; audio and videos; photographs; games; research materials, etc.)

Aims to foster in teachers & learners core value of Southeast Asian-ness (shared SEA heritage) as well as respect for the diversity of the region
WEAVING IDENTITIES: A Teacher’s Toolkit
Promoting Southeast Asian Community

- Organized around 3 pillars of ASEAN 2015 integration
- Toolkit accessible in multiple formats (print; DVD, web-based)
- Pilot tested in selected SEA countries in 2011-2012
- Orientation and dissemination workshops conducted with Ministries of Education in 10 SEAMEO member countries
- Toolkit may be accessed @ www.seameo-innotech.org/SEAtoolkit/
SEA eXCELS (Excellence in School Leadership for Southeast Asia)

- Two-module e-learning course under the eXCELS program designed to equip school heads with competencies to promote SEA community within and beyond their school
  
  • *Module 1 – Develop an Awareness of the SEA Community in Oneself*
  
  • *Module 2 – Cultivate Awareness & Understanding of SEA Community Among Stakeholders*

- Pilot-tested in seven (7) SEA countries in 2013

- Uses Weaving Identities Teacher Toolkit as a learning resource

- Exploring collaboration with ASEAN Foundation and ASEAN for upscaling of program across the Region
Some Points of Reflection
Points of Reflection on Enhancing Educational Innovations in Asia and the Pacific

- Move towards ASEAN economic, political and cultural integration opens up possibilities and new challenges for educational innovation within a framework of respect & appreciation of shared experiences and diversity.

- Decentralization of educational management provides an enabling environment for school heads and other local instructional leadership actors as catalysts of innovation and change. This potential needs to be supported by investments in appropriate capacity building. ICT can be an effective tool in facilitating this.

- These capacities include leading, managing and sustaining innovation and requires a systematic approach to capacity building at all stages from pre-service to in-service. In addition to structured training includes on the job mentoring & coaching and self-directed reflective learning within a framework of personal and lifelong professional development.
Points of Reflection on Enhancing Educational Innovations in Asia and the Pacific

- Mobile technologies offer opportunities to overcome traditional digital divides, reach out to marginalized communities and engage them as active agents of their own educational development, e.g., development of indigenous learning materials.

- Social media offer powerful tools for collaboration and 21st century learning among teachers, school heads, students and other educators but need to be anchored on nurturing of digital citizenship and social-emotional intelligence (self-awareness, self-regulation, interpersonal skills, empathy, etc.).

- While ICT will continue to be a driver for change we need to be fully aware of the potentials, practicalities, limitations and pitfalls of technology as medium, context and focus for 21st Century Learning. “Appropriateness” of technology continues to be key criterion for ensuring maximum positive impact and sustainability of ICT innovations.
Points of Reflection on Enhancing Educational Innovations in Asia and the Pacific

- Momentum for key ICT-based innovation in education continues to come from the private sector hence the importance of nurturing strategic and mutually beneficial public-private partnerships anchored on learner requirements.

- Effective, sustainable & scalable educational innovation can be facilitated by collaborative institutional partnerships within the education sector that support technology transfer aligned with local contextual realities.

- Impact of educational innovation on learning outcomes needs to be systematically monitored and evaluated as inputs to decision-making relative to possible sustainability and scaling-up of successful initiatives.

- Need to develop and nurture a culture of innovation in education systems through inspired leadership, democratization of innovation processes, allowing time and space for purposive innovation, collaborative networking, experimentation & prototyping to learn, investment in R&D, and use of performance metrics, rewards & incentives.
Thank You!

www.seameo-innotech.org