



Mission Report

Southeast Asian Massive Open Online Courses (MOOCs) High-Level Forum December 13-14, 2016 Ciputra Hotel, Jakarta, Indonesia

*Organized by SEAMEO Secretariat and the Ministry of Education and Culture, Indonesia
in cooperation with SEAMEO SEAMOLEC*

Prepared by
Anti Rismayanti

A. SEAMES Officials and Staff Member on Mission

1. Dr Gatot Hari Priowirjanto
2. Dr Ethel Agnes P Valenzuela
3. Ms Anti Rismayanti

B. Background

The Southeast Asian countries are diverse in terms of educational access, equity and quality. During the Second Strategic Dialogue for Education Ministers held in Bandung, Indonesia in April 2016, the Ministers reviewed the progress made in moving forward the identified priorities of SEAMEO for the next 20 years and arrived at the following statements:

- We noted the need to move beyond our national boundaries, thinking as Southeast Asians, solving problems of the region while building on our individual country's strengths;
- Recognized that the region has much to share in ensuring access and relevance of programmes to the needs of the learners;
- Recognized that the public engagement is very important to the success of programmes and reforms. Different modes and types of public engagement done in the region were explored, such as strengthening the school community partnership, promoting open and shared information and other modalities,

Needless to say, the Education Ministers the use of Information and Communications Technology (ICT) in reaching the unreached and in sharing quality education for teachers in the different levels of education through SEAMEO's innovative technology abound, but need to be consolidated in the spirit of SEAMEO family.

Globally, the Massive Open Online Courses (MOOCs) paved its way in 2012 when it penetrated the web in making educational content and lectures available to anyone at any time and any place. Ivy League Schools have opened the MOOCs programmes which generated a lot of interest from the region.

MOOCs have consequently provided ways for lifelong learning and MOOCs is an innovation that is here to stay, but education leaders need to determine how it can contribute to SEAMEO 7 Education Agenda towards the achievement of Sustainable Development Goal no 4 in terms of technology, pedagogy, content and knowledge.

SEAMEO has introduced digital classes and presently developing Open Educational Resources (OER) for the use of free and open courseware, pursuant to the 2012 World OER Congress, the Paris OER Declaration². SEAMEO Centres such as SEAMOLEC, INNOTECH and RIHED have been leading the discussions and utilization of Open and Distance Learning (ODL) before the emergence of MOOCs as its latest modality, SEAMEO plans to consolidate all the outstanding MOOCs providers in the region and document best practices.

The two-day meeting convened experts and policy makers from five countries in Southeast Asia: Indonesia, Malaysia, Philippines, Thailand and Singapore to explore opportunities to convene SEA MOOCs Network for capacity-building in the between countries, and among group of countries in the region.

C. Objectives

The SEA MOOCs Dialogue for Network Development is organized by SEAMEO Secretariat in collaboration with MOEC Indonesia with SEAMEO SEAMOLEC, and SEAMEO INNOTECH to support the SEAMEO Seven Agenda and the Ministers Call for Action as stated in Bandung Statement and the Action Agenda.

Specifically, the forum attempts to:

1. To determine the status of MOOCs and ODEL (Open and Distance Learning) programmes in the sub-region (Indonesia, Malaysia, Philippines, Thailand and Singapore);
2. To take stock of the challenges and opportunities of using MOOCs in the Southeast Asia region to meet the SEAMEO & priority areas;
3. To create a regional MOOCs network for promoting continuous/further dialogue; and
4. To formulate strategies on how to better use MOOCs for equitable and accessible quality education for all.

D. Expected Outcomes

The High-Level Forum documented the following:

1. A collection of SOTAR (State of the Art) of MOOCs in the Sub-region ;
2. A synthesis report developed by SEAMES;
3. A Draft of SEA MOOCs Network Plan.

E. Participants

The meeting participated by 30 persons that involved:

- Representatives from High Level Officials from the Ministry of Research, Technology and Higher Education of Indonesia and MOE Malaysia.
- Representatives from SEAMEO Centres delivering MOOCS and ODEL such as SEAMEO SEAMOLEC and SEAMEO INNOTECH.
- Representatives from Indonesia and Philippines Higher Education Institutions.

F. Dates and Venue

The SEA MOOCS High-Level Forum held from 13 to 14 December 2016 in Ciputra Hotel, Jakarta, Indonesia.

G. Organizer/s

The Ministry of Research, Technology and Higher Education (MRTHE) Indonesia provided the meeting venue, local accommodation and meals during the forum while SEAMEO Secretariat and SEAMEO Centres provided the resources persons.

H. Highlight of the Activity/Summary Points

- The meeting held back to back with High Level Forum on AQRF and IQF Referencing in Tourism and MOOCs. It was started by the welcome remarks by Dr Gatot Hari Priowirjanto. He pointed out how SEAMEO has been closely cooperating with Ministry of Education and Ministry of Higher Education in SEAMEO Member Countries in promoting education development in many fields including education to support tourism industry as well as internationalization and harmonization of the universities through partnership and student mobility. And in accordance with the prediction of job in the future as well as facts and realities that exist today, He emphasized that is important to recognise the critical importance of human resources to the strength of tourism and hospitality into the future needs of the industry.

He mentioned that digital technologies will transform the way education is delivered and accessed, and the way 'value' is created by higher education providers, public and private alike. With this condition in the future the campuses might still remain or even less. He requested that participating universities could start to think how to contribute to development of regional MOOCs, where this idea will connect universities in SEA as course providers. It might need more effort and challenges in building thrust and consensus to open the access to each MOOC, credit recognition, as well as conduct the evaluation in particular period. However, SEAMEO will continue to support the development of regional MOOCs. The welcome remarks followed by Director General of Higher Education Prof. Intan Ahmad, Secretary General of Labour Dr Abdul Wahab as well as remarks from Dr Paristiyanti Nuwardani, Director of Learning MRTHE.

- In the plenary session, Dr Ethel Agnes P Valenzuela presented the trends and challenges of MOOCs in SEA. In her presentation, she described a glance of MOOCs that since it was launched had attracted more than 3,1 million users around the world with enrollment 35 million. During the time the MOOCs offered by more than 500 universities. She mentioned that according to research, the MOOCs in Asia offered by over 70 open universities and the most popular providers are Udacity, Coursera, edX, Open2Study, Future Learn, Rwag, Iversity, FUN and Edraak. The status MOOCs in developing the world just 30% students completed the course, mostly woman and over 80% of students enrolled have only basic ICT skills.

She described the status of MOOCs and Open and Distance Learning in some of SEA countries such as Singapore, Philippines and Indonesia. She appointed out the challenges in terms of pedagogy, assessment as well as credentialing and recognition. However, she emphasized that we need to start to rethink the education in SEA by moving forward SEA MOOCs by conducting initial meeting of SEAMEO Member Countries, case studies on SEA MOOCs, policy audit/inventory, policy brief for SEAMEC. She proposed the roadmap of SEA MOOCs development will be as follows:

2016	Online survey/mapping the MOOCs landscape
2017	1. Case studies 2. Synthesis report for policymakers
2018	Policy Dialogue for High Official Level
2016-2019	1. Community of Practice (COP) by using WebEx 2. MOOCs Academic Calendar

- The meeting continued with presentation from Indonesia representative by Mr Gatot F Hertono from Indonesia University as one of team member of SPADA (Indonesia MOOCs). He started by explaining the history of Distance Education (DE) in Indonesia and how national policy driven the DE. According to the data from various institutions, there were 9 model of DE had developed since 1955 up to 2012 and three of them conducted by SEAMEO SEAMOLEC. He mentioned SPADA as a model for Indonesian Online Learning Program that followed by 6 Universities in Indonesia and the pilot test started on 2014-2015 with a total 30 courses in various major mostly in IT.
- The presentation from Malaysia represented by Ms Noor Hazirah binti Mohamed Yunus, Senior Assistant Director of QA Coordination and Ms. Fareha Nurul Ain biti Izzany, Assistant Director of Policy. They introduced Accreditation of Prior Experiential Learning (APEL) as a systematic process that involves the identification, documentation and assessment of experiential learning. They explained that APEL used as the access info to a programme study offered, awarding academic certification and credit award towards a course in a programme of study. On September 2016 Malaysia Qualification Agency (MQA) launched the guidelines on credit transfer for MOOC and guidelines to a good

practices of APEL. They showed us an instrument that develops and classifies qualifications based on a set of criteria that are approved nationally and benchmarked against international best practices which integrates with and links all national qualifications.

- The presentation from Philippines represented by Prof Roberto B Figueroa, Assistant Professor and Program Chair Diploma in Computer Science, University of the Philippines Open University. He started with country profile followed by the policies in Philippines related to MOOCs. It included 2012 Paris Declaration on OER that Calls governments worldwide to openly license publicly funded educational materials. According to RA 10650 – Open and Distance Learning Law, it mentioned that expanding access to educational services by institutionalizing Open Distance Learning in levels of tertiary education through the Commission on Higher Education (CHED) and Technical Education and Skills Development Authority (TESDA) and UPOU is appointed to assist and provide expertise to CHED and TESDA.

University of the Philippines has a mandate to provide Quality Open and Distance Learning to Filipinos Everywhere as well as offers MOOCs. He mentioned that the first MOOC implementation was a trial on 2013 that conducted for 6 months. The course offered was about introduction to Android App Development by using Moodle as the platform and involving 395 participants. He pointed out the result of the trial that just 5 out of 395 participants could complete the course and the possible factors of attrition were time constraint; presentation of materials; lack of feedback; and technical glitches.

- The presentation from SEAMEO Centres started by SEAMOLEC's representatives, Mr Renaldo Rhesky and Mr. Abdul Rizal Adompo. They presented SEAMOLEC MOOC as collaborative learning resources that involving educators and professionals to deliver the course particularly to SEA students and SEA teachers. They mentioned that some of course related to the language of SEA countries also provided in order to support ASEAN Community. One of SEAMOLEC's flagship program in MOOCs is SEA Digital Class which is an online training for Indonesian teachers in how use ICT as a Learning Tool in terms of collaborative learning, web conference technology, online assessment. They described for this programme had been held for 5 batches with 4709 enrolment and 927 (exclude the 5th batch) accomplished the training.
- Dr Ethel Joan Atienza representing SEAMEO INNOTECH to delivered Centre best practices in conducting online training. The LEARNTECH action research project started on 2003 with the objective to develop a flexible learning system with a multiple delivery system such as printed, CD and web. The implementation of the pilot test was different for every country in terms of materials, interaction between teacher and learners as well as a frequency of meeting among of them. It was done by considering the infrastructure and ICT cultures in each country. Since 2006 up to 2016, SEAMEO INNOTECH has trained a total of 11.000 participants through online training, a very increasing number compare to 29 years conducting face to face training for 3000 participants. On the

average, 85% of learners passed the online course and they got international certificate that equal with 6 units of academic credit.

A beta test of SEAMEO INNOTECH's MOOC will be launched on June 2017 while the full course will be launched on October 2017 with the topic "Passion for Teaching and Learning". This course platform will using edX and offering free and open course to anyone with the target 1.500 learners that can be self-paced in following learning activities and expected to completed 25 to 30 hours learning experiences.

- Prof Paulina Pannen, the Expert Staff of Academic to the Minister of Research, Technology and Higher Education of Indonesia ended the presentation session by giving her insights of SEA MOOCs that will be developed. Started with analysis of SEA MOOCs in terms of definition of online, massive, open/free as well as credit earning/transfer. She mentioned that SEAMEO has to be careful also in terms of defining the justification of SEA MOOCs such as extending reach and access; building brand; improving economics; Improving educational outcomes; equity of quality education; and innovation. She informed the example of cost estimated in production and delivery of some courses in MOOC.

She questioned how would be the cost sharing in developing SEA MOOCs in the future. She appointed out the potential future challenges of SEA MOOCs in terms of revenue models; credentialing, badges or accreditation; course completion rate; and student authentication. She emphasized the credit transfer and credit earning in SEA MOOCs should conducted in the form of mutual recognition by HEIs/government by considering qualification framework and regulations; accreditation and standards; learning outcomes; certificate of completion; recognition of prior learning and academic regulation of a university.

She reminded that the aggregator in SEA MOOCs will be key players in its development. Defining SEA MOOCs architecture and quality assurance is very important in the very early stage of development. She appointed out how MOOCs would be the answer of the challenges in the future for HEIs as the agent for economic development, especially in terms of how vocational stream HE can produce skilled workers, innovative, and competitive.

- At the end of meeting, SEAMES Director and Prof Paulina led the discussion session and rise up the issue of roadmap proposed by Dr Ethel. There will be several online meeting as preliminary meeting in develop SEA MOOCs concept as well as build a teamwork and defining roles of each party involved..

I. Role/Participation of SEAMEO

1. Coordinating with the MRTHE Indonesia, participating universities and SEAMEO Centres.

2. Presenting the Trends and Challenges of MOOCs in Southeast Asia.
3. Lead the discussion session.
4. Drafting the Plan of SEA-MOOCs development.

J. Follow-up Actions Needed

1. Identify HEIs to participate in this program.
2. Develop task force from SEAMES, SEAMEO Centres and MOE/MRTHE of countries involved.
3. Develop timeline and activities
4. Lead the online meeting among parties involved
5. Drafting the Plan of SEA-MOOCs development.

K. Appendices/Related Conference Materials and Outputs

1. Schedule
2. List of speaker
3. Picture from the meeting

SCHEDULE

High-Level Forum on SEA MOOCS

13-14 December 2016

Jakarta, Indonesia

Monday 12 December	Tuesday 13 December 2016	Wednesday 14 December 2016
	<p>0830-0900 hrs Registration</p> <p>0900-1000 hrs Opening ceremony Welcome Message: <i>SEAMEO Secretariat Director</i></p> <p>Keynote Message: <i>MRTHE Indonesia</i></p> <p>1030-1030 hrs Coffee Break</p> <p>1030-1045 hrs Forum Rationale and Objectives & Introduction of the Participants</p> <p>1045-1230 hrs Overview of MOOCS in SEA Countries: by SEAMES DDPD</p>	<p>0900-1000 hrs Presentation by SEAMEO SEAMOLEC SEAMEO INNOTECH SEAMEO RIHED</p> <p>1030-1030 hrs Coffee Break</p> <p>1030-11.30 hrs SEAMOOCs: food for thought by Prof. Paulina Pannen (MRTHE Indonesia)</p> <p>1130-12.00 hrs Forum on developing MOOCS in SEAMEO: Guided discussion on a three- year Programme of Cooperation</p>
	<p>1230-1400 hrs Lunch</p>	<p>1230-1400 hrs Lunch</p>
<p>1400-1700 hrs Arrival of Participants and Registration</p>	<p>1400-1700 hrs Country Presentation on SOTAR (State of the Art in MOOCS) 14:00-14:30 – Indonesia 14:30-15:00 - Malaysia 15:00-15:30- Coffee break</p> <p>1530-1600 hrs - Philippines</p>	
<p>1800-2000 hrs Welcome Dinner</p>	<p>1800-2000 hrs Dinner</p>	

MOOCs PRESENTER

No.	Name	Institution	Position	Email	Office Address
1	Asst Prof Roberto Figueroa	University of the Philippines Open University	Assistant Professor and Program Chair Diploma in Computer Science	rfigueroa@upou.edu.ph	National Highway, Brgy. Maahas Los Baños, Laguna Philippines
2	Ethel Joan Atienza	SEAMEO INNOTECH	Senior Associate for Instructional Design and Development	joan@seameo-innotech.org	Diliman, Quezon City, Metro Manila, Philippines
3	Ms. Noor Hazirah Mohamed Yunus	Malaysian Qualifications Agency (MQA)	Senior Assistant Director Coordination and Quality Assurance Reference Division	hazirah@mqa.gov.my	Menara Pkns-pj, 17, Jalan Yong Shook Lin, Seksyen 7, 46050 Petaling Jaya, Selangor, Malaysia
4	Ms. Fareha Nurul 'Ain Izany	Malaysian Qualifications Agency (MQA)	Assistant Director Policy and Research Division	fareha.izany@mqa.gov.my	Menara Pkns-pj, 17, Jalan Yong Shook Lin, Seksyen 7, 46050 Petaling Jaya, Selangor, Malaysia
5	Prof. Paulina Pannen	Ministry of Research, Technology and	Expert Staff Academic to the Minister	ppanen@gmail.com	Gedung D, Jalan Jenderal

No.	Name	Institution	Position	Email	Office Address
		Higher Education of Indonesia			Sudirman Pintu Satu, Senayan, Jakarta Pusat 10270
6	Mr. Renaldo Rhesky	SEAMOLEC	Training Manager	edo@seamolec.org	Kompleks Universitas Terbuka Pondok Cabe, Pamulang, Jl. Cabe Raya, Pd. Cabe Ilir, Pamulang, Kota Tangerang Selatan, Banten 15418, Indonesia
7	Dr Gatot F Hertono	Indonesia University	Head of Service and Learning Resource Development	gfh308@gmail.com gatot-f1@ui.ac.id	Pondok Cina, Beji, Depok City, West Java 16424, Indonesia

PHOTOS



Dr. Ethel presented in plenary session



Question from Indonesia HEI



Presentation by SEAMEO INNOTECH



Presentation by Malaysia Qualification Agency



Discussion led by Dr. Gatot and Prof. Paulina



Group Photo