

# The Competen-SEA Project

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## Capacity to Organize Massive Public Educational Opportunities in Universities of Southeast Asia

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Open Universiteit Nederland

A Capacity Building in Higher Education (CBHE) project  
Funded by the Erasmus+ program of the European Commission



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# Project Partners

- European Partners
  - Open Universiteit Nederland (OUNL)
  - Universidad Carlos III de Madrid (UC3M)
  - Universität des Saarlandes (USAAR)
  - GIRAF PM Services, GmbH

Open  
Universiteit



UNIVERSITÄT  
DES  
SAARLANDES



# Project Partners

- Southeast Asian Partners
  - Universiti Sains Malaysia (USM)
  - Universiti Malaysia Sarawak (UMS)
  - Universitas Brawijaya (UniBraw)
  - Universitas Sam Ratulangi (UNSRAT)
  - Ateneo de Manila University (ADMU)
  - University of the Philippines (UP)



# Project Information

- Runtime:  
15 October 2016 – 14 October 2019
- Total grant requested:  
999,135 €
- Total staff:  
approximately 40

# Project Mission

To enable the transfer of  
experiences and expertise

from and by European partner universities  
to local partners

in Indonesia, Malaysia, and the Philippines.

# Project Aim

Making a significant contribution towards...

... strengthening relations between higher education systems in Southeast Asia and the wider economic and social environment ...

... by building organisational, pedagogical and technical capacities for local universities ...

... to design, develop, market and deliver MOOCs for various economic and societal challenges.

# Significance of MOOCs

- New approaches for opening up the expertise of universities to external audiences
- Useful for higher education and the society as a whole
- Addressing educational needs of marginalised communities

# Project Activities

- Regional feasibility study to identify best strategies for educational outreach
- Intensive MOOC Capacity Building Programme addressing local educational needs
- Development and evaluation of MOOCs
- Dissemination and awareness raising addressing academic communities as well as other stakeholders (policy makers, potential users of MOOCs)



# Scope of the Feasibility Study

- Centred on Southeast Asian partner countries
- Regulations and initiatives related to eLearning and MOOCs
- Readiness of
  - Resources
  - Learners
  - Stakeholders

# European Expertise

- Instructional Design (USAAR and UC3M)
  - Analysis and macrodesign
  - Microdesign and learners' autonomy
  - MOOC hands-on using Open edX
- Management of MOOCs (UC3M and GIRAF)
  - MOOC project lifecycle management
  - Business modelling and planning for MOOCs
- Learning Analytics and Evaluation (OUNL)
  - Development, evaluation and ethics of LA tools
  - Evaluation and quality assurance of MOOCs

# MOOC Development

- Design, development, delivery and evaluation of MOOC per country
  - Challenge of limited broadband access in targeted areas
  - Content in local languages critical for target audience
  - Need for blended learning approach (with local facilitators and mentors) to maintain learner interest and engagement

# Indonesian Focus 1

- **Target:** coastal communities in Southern East Java
- **Problem:** degradation in coastal environment and lack of awareness and knowledge on coastal conservation
- **Goal:** increase awareness and knowledge in coastal area conservation to support income generation via eco-tourism



# Indonesian Focus 2

- **Target:** Sangihe, Sitaro and Talaud Islands of North Sulawesi
- **Problem:** small businesses lack skills to increase quality for larger market
- **Goal:** develop / strengthen entrepreneurship skills for fisheries' products



# Malaysian Focus



- **Target:** single mothers in Penang (urban) and Sarawak (rural)
- **Problem:** Many are economically disadvantaged, they lack the skills to earn a livelihood (full time domestic role while they were still married) and about general well-being, health, self-confidence and communication
- **Goal:** provide a flexible and accessible avenue to learn and acquire new knowledge and skills about entrepreneurship for single mothers



# Philippine Focus

- **Target:** Province of Pangasinan
- **Problem:** rural health workers are not skilled enough in eHealth
- **Goal:** set up eHeaRT, i.e. eHealth-enabled Rural Health Workers Training, as pilot project for other provinces in collaboration with human resources development programs for health plans of the province



# Capacity Building Program

- Malaysia (USM Penang):  
6-8 November 2017
- Philippines (ADMU Manila + Pangasinan):  
10-12 January 2018
- Indonesia (UniBraw Malang):  
12-14 February 2018



# Programme Overview Monday

- 14:00 – 15:30 Presentation of the project and status of MOOCs
- the project
  - context and status MOOCs
  - feasibility study
- 15:30 – 16:30 Programs and policies of the Ministry of Research and Technology and Higher Education
- 16:30 – 16:45 Coffee / tea break
- 16:45 – 17:30 Instructional Design Basics

# Programme Overview Tuesday

08:30 – 10:30	Instructional Design, continued
10:00 – 10:15	Coffee /tea break
10:15 – 11:45	Producing a MOOC in Open edX
11:45 – 12:45	Lunch
12:45 – 14:15	Exercises
14:15 – 15:45	Motivational Design
15:45 – 16:00	Coffee / tea break
16:00 – 17:30	E-moderating

# Programme Overview Wednesday

08:30 – 10:00	Micro-design in edX
10:00 – 10:15	Coffee / tea break
10:15 – 12:00	Micro-design in edX
12:00 – 13:00	Lunch
13:00 – 15:00	Learning analytics and MOOC evaluation
15:00 – 15:15	Coffee / tea break
15:15 – 16:45	Business modelling and planning for MOOC development
16:45 – 17:30	Closing Ceremony

# Information and Contact

<http://www.competen-sea.eu>

## **Project coordination**

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