SECOND REGIONAL EXPERT MEETING
MOOCS AS A CATALYST TO ENHANCE TEACHING AND LIFELONG LEARNING IN ASIA AND THE PACIFIC

STRATEGIC DIMENSIONS TO DRIVE, SUSTAIN, AND SCALE MOOCS
SESSION OBJECTIVES

▸ Draft outline of a research framework for case studies on MOOCs to advance the Education 2030 agenda and promote quality higher education and lifelong learning opportunities for all

▸ SDG4: Ensure inclusive and quality education for all and promote lifelong learning
GLOBAL CHALLENGES

- Central challenge of education of population inclusive of all age groups
- Ageing populations
- Threat of changing work profile:
  - Automation and Robotics
- Lifelong learning even more important
- Re-skilling of workforce
- Mobility, credentialing
GLOBAL CHALLENGES

- Challenges to universities
  - Focus on research
  - Funding issues
  - New business models with MOOCs?
  - Skills and abilities of academics
POSSIBLE RESEARCH OBJECTIVES

- Online learning provides a number of unique pedagogical advantages
    - Efficacy of online learning
    - Retrieval and testing for learning
    - Mastery learning
    - Peer and self-assessments
    - Short video formats
    - Online forums
INTEGRATION IN UNIVERSITY TEACHING


- Used MOOC approach for implementation of “flipped classroom”

- Sociological approach to research and evaluation
PROBLEMS AND CHALLENGES


▷ Background to why few people complete MOOCs

▷ Psychological rationale for motivation to complete
RESEARCH AGENDA: SUBJECT MATTER

- Social motivation
- Pedagogical advantages
- Challenges
- Extension of online learning
- Extension of distance learning
- eLearning/mLearning
- Personal learning
- Adaptive learning
- Hybrid integration
- Evolution of MOOCs?
- Policy
RESEARCH AGENDA: APPROACHES

- Learning analytics
  - Big Data
  - Data Mining
- Sociological approaches
  - Ethnography
  - Case Studies
- Psychological
  - Behavioural and motivational approaches
- Business and policy
GOOD PROBLEMS

- Awareness and Training
- Infrastructure
- Quality Assurance and Accreditation
- Ownership
- Adoption
- Exercise autonomy
- One-size fits all
- Future issue: Student engagement, support and retention
STRATEGIC RESEARCH AREAS

- Awareness and Training
  - How do we train, finance and reward academics for new skills necessary to create MOOCs?

- Infrastructure
  - How do we provide universal access, especially on mobile?

- Quality Assurance and Accreditation
  - How do we assure quality, what about credits, transferability, etc?

- Ownership
  - Government, Organisations or Academic

- Adoption

- Exercise autonomy

- One-size fits all
  - What are the different ways we can provide MOOCs
WHAT IS IMPORTANT?

▸ Benchmarking countries to understand similarities and differences?

▸ Identify common problems from an Asia Pacific perspective

▸ Research “good problems” to share experience and solutions