

ASEM LLL HUB MEETING: SELF LEARNING IN THE DIGITAL AGE

**ADDRESSING THE VARIOUS LIFELONG
LEARNING NEEDS IN ASEAN COUNTRIES:
TO WHAT EXTENT IS MOOCs/E-LEARNING THE
SOLUTION?**

Le Huy Lam, SEAMEO Regional Centre for Lifelong Learning

Background:
ASEAN, SEAMEO, SEAMEO CELL

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ASEAN, SEAMEO, SEAMEO CELL



ASEAN:

Association of Southeast Asian Nations

1967, 10 members

Economic growth; social progress; cultural development; peace and stability

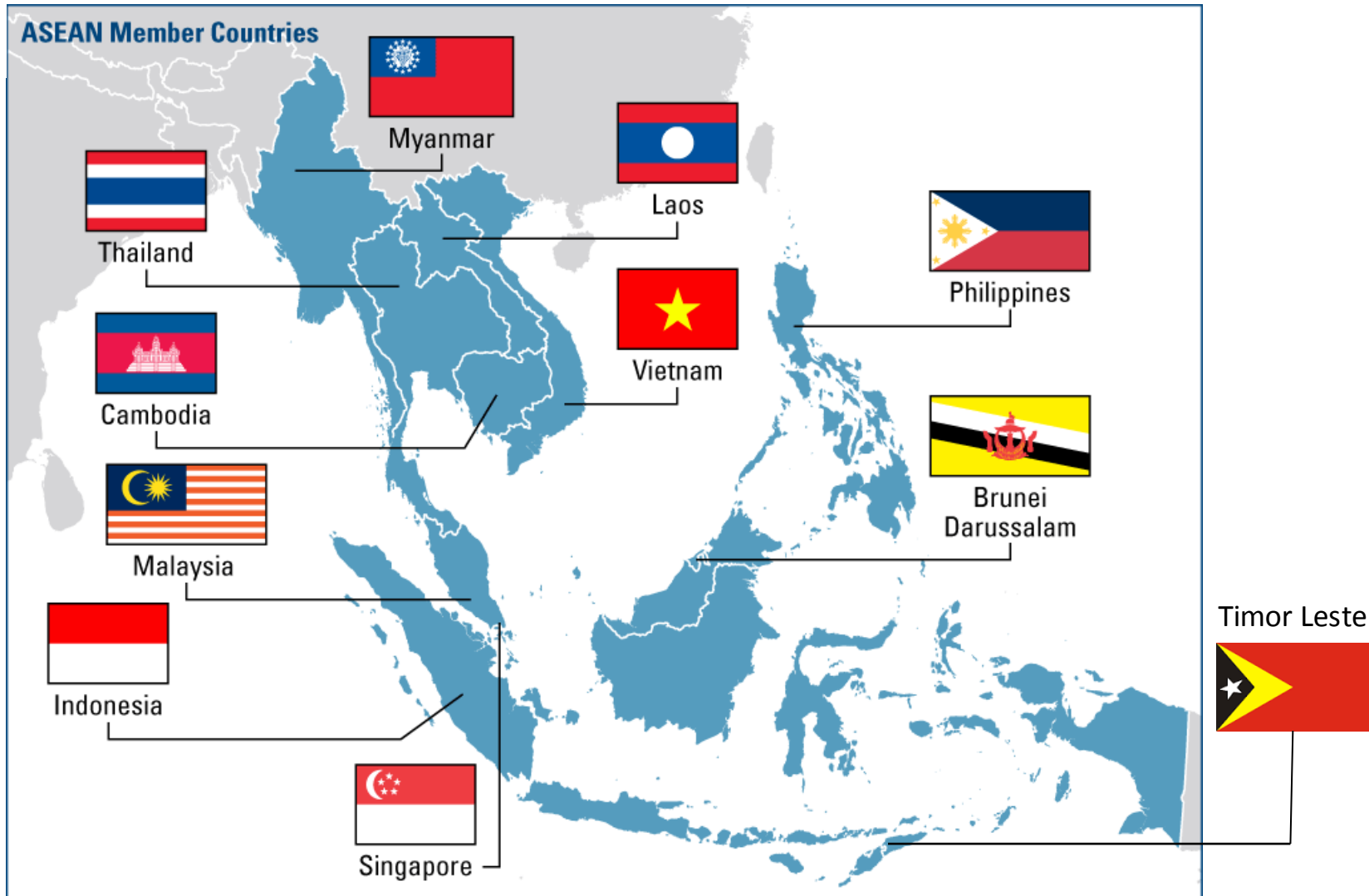


SEAMEO:

Southeast Asian Ministers of Education Organisation

1965, 11 members

Cooperation in education, science and culture



625 million people
World's **third-largest** labour force

Combined GDP **2400 billion USD**
GDP average growth **5.1%** (2000-2013)



Associate Member Countries



Affiliate Members



Australia



Canada



France



Germany



The Netherlands



New Zealand



Spain



The United Kingdom



**The International
Council for Open and
Distance Education**



**The University of
Tsukuba**



The British Council



**The China Education
Association for
International Exchange**

7 priority areas of SEAMEO (2015-2035)

1. Early childhood care and education

2. Addressing barriers to inclusion

3. Resiliency in the face of emergencies

4. Promoting technical and vocational education and training(TVET)

5. Teacher Education

6. Harmonization in higher education and research

7. Adopting a 21st century curriculum

21 SEAMEO Regional Centres in 3 groups: Education, Science and Culture



2013



REGIONAL CENTRE FOR ARCHAEOLOGY AND THE ARTS



SEAMEOLEC



SEAMEO RIHED



SEAMEO CELL

The Regional Centre for Lifelong Learning

To conduct research on LLL



To act as an information center and consultation/ service provider on LLL

To conduct training for LLL managers, researchers and adult education teachers

ASEAN

- ASEAN is moving towards **“One vision, one identity, one community”**
- **ASEAN Economic Community (AEC)** to be implemented in 2015, aiming at freer movement of
 - **goods**
 - **services**
 - **skilled labour**
 - **capital**

ASEAN

Vast disparities and development divide between member countries (2013 figures)



GDP per capita
55,182 USD / 888 USD



Population
248 mil / 0.4 mil



Urban population
100% / 21.4%



Adult literacy rate
97.2% / 79%



Infant mortality rate
2/48.9
(per 1000 live births)



Internet subscribers
720 / 41
Internet subscribers / 1000 (2011)

Diversity also extends to language, culture, religion and politics

Wealth gap within a country



VIETNAM

POVERTY RATE

5.7% / 58%

2014 1993

\$11,500 / \$300

VungTau HaGiang

R 3.8x P
6x
131x

PHOTO: <http://tamnhin.net/toan-cau-hoa-chenh-lech-giau-ngheo-2664.html>

<http://www.ngocentre.org.vn/news/vietnam-rich-poor-gap-becomes-wider-amid-more-millionaires>

Challenges of integration



“The AEC will create opportunities, but risks leaving some behind and aggravating inequalities. We find for example, that some new jobs growth could be in sectors that are prone to be informal and vulnerable, women will gain less from new jobs than men, and the demand for high skill workers will increase faster, potentially creating wage inequality between skilled and unskilled workers..”

Sukti Dasgupta, Senior Economist at the ILO, 2014

Lifelong learning to tackle the issues

WHY LIFELONG LEARNING?

Learners as dynamic actors

Resources can be effectively mobilised

Inequality can effectively be reduced



ASEAN CHARTER
2007

15th ASEAN
SUMMIT 2009

2013 SEAMEO
CELL
ESTABLISHED

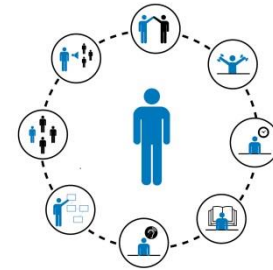
Diverse Lifelong learning focuses



**Literacy and
basic skills**



**Income
generation
and job skills**



**Quality
workforce
development**

Diverse Lifelong learning focuses

LLL Objectives in Thailand

1. The target groups are to obtain basic and necessary knowledge and skills which can be used as a tool for enhancing their occupations.
2. The target groups are to have the ability to learn and develop themselves so that they can be regarded as quality citizens.
3. People in each community are to obtain knowledge that relates to their society, environment, economy, politics and technology

(Sumalee, 2013)

LLL Objectives in Singapore

Lifelong learning is the means to an end, and that end is to add value. The ability to add value will bring about better employability and better income for workers.

Deputy Prime
Minister **Teo
Chee Hean,**
2010)



Diverse Lifelong learning focuses

LLL is provided through

**Workforce Development Agency
(WDA) , 2003**

**Workforce Skills Qualifications
(WSQ), 2005**

**Employment and Employability
Institute , 2008**

**Continuing Education and Training
(CET) Masterplan, 2008**

**Skills Programme for Upgrading and
Resilience (SPUR), 2008**

**Institute for Adult Learning (IAL),
2010**

**Continuing Education and Training
(CET), 2020**

At one end:

Technical skills,
mindset, attitudes
People management,
problem analysis,
communication skills

for Lifelong Employability

Diverse Lifelong learning focuses

At grassroots level, LLL is provided
through

**the
Community Learning
Centres,
(CLCs)**

At the other end:

Basic education

Literacy

**Skills development and
vocational training**

Income generation skills

Entrepreneurship

Community development

Culture, recreation and sports

Civics and practical knowledge

Community Learning Centres (CLCs)

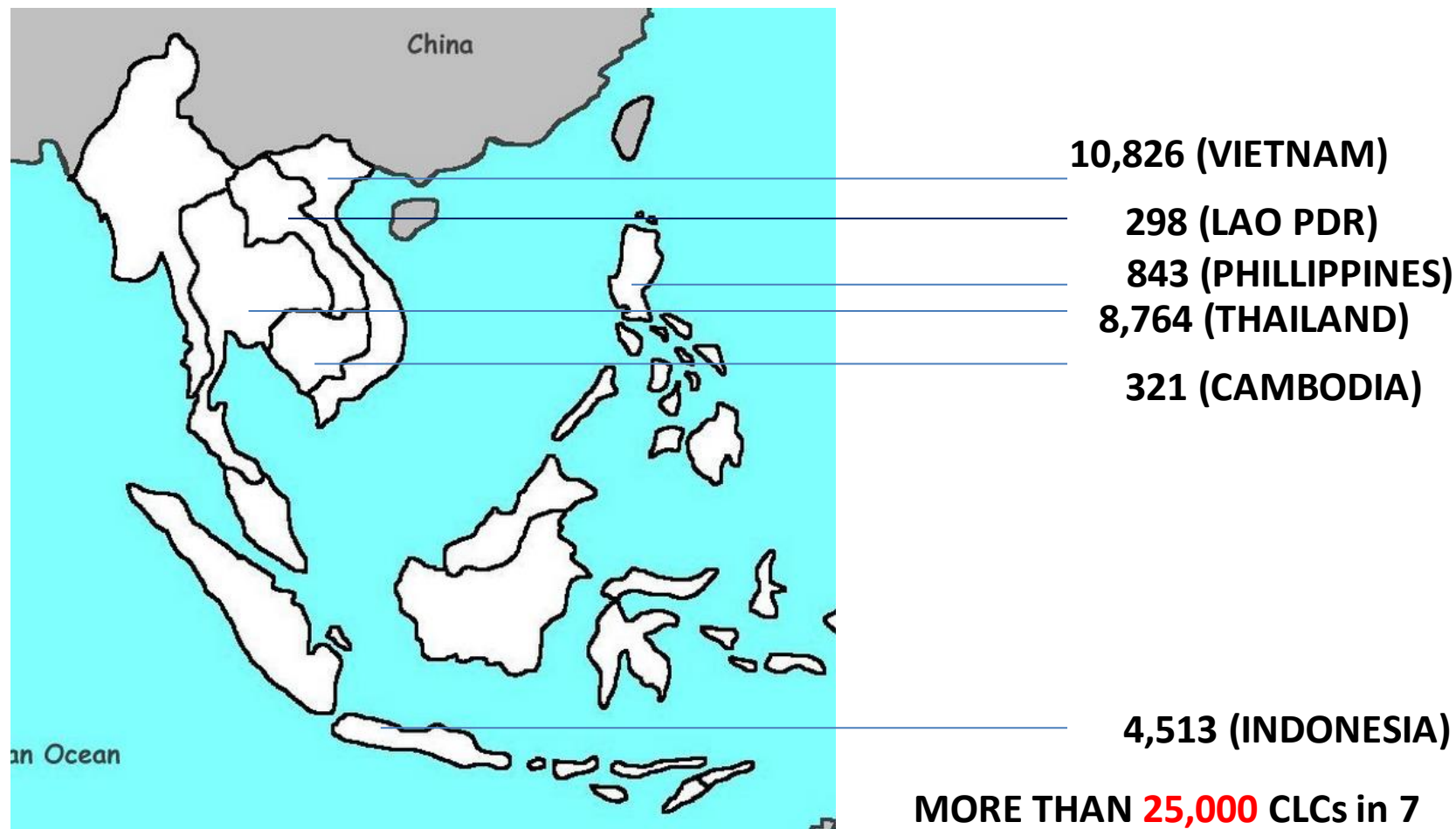
An effective **community-based non-formal education mechanism**

A provider of **various learning opportunities.**

- a) education and training,
- b) community information and resource services,
- c) community development activities,
- d) co-ordination and networking.

In 2003, the United Nations Literacy Decade (UNLD 2003-2012) **encouraged the establishments of CLCs**

Community Learning Centres (CLCs)



MORE THAN 25,000 CLCs in 7 ASEAN countries*

*2013 data from national reports to UNESCO

CLCs in ASEAN countries



Target groups

Children and youth;
Adults and the elderly;
Marginalised and
disadvantaged
individuals

Programmes offered:

Literacy
Income
generation/vocational skills
Practical knowledge
Community development

Funding:

Some are established by
government, others by
NGOs
**Inadequate funding/
sustainability issues**

CLC sample programmes

Programmes offered by CLCs



Bamboo



Crops



Environment

Growing chemical free

vegetable

Reproductive health and family

Community Enterprises

Drug prevention/combating

prostitution

Equivalency programmes

Raising traditional

Training focused on change of

Maternity protection and

Local construction skills

Producing household

Art and culture, folk dancing, traditional music,

Health, hygiene and c

Preservation of occupations and

historic

Handicrafts

Tourism promo

Basic computer tr

Community forest manage

Women's rights

Awareness-raising and empowerment to protect

Functional li

Welfare development

CLC Challenges



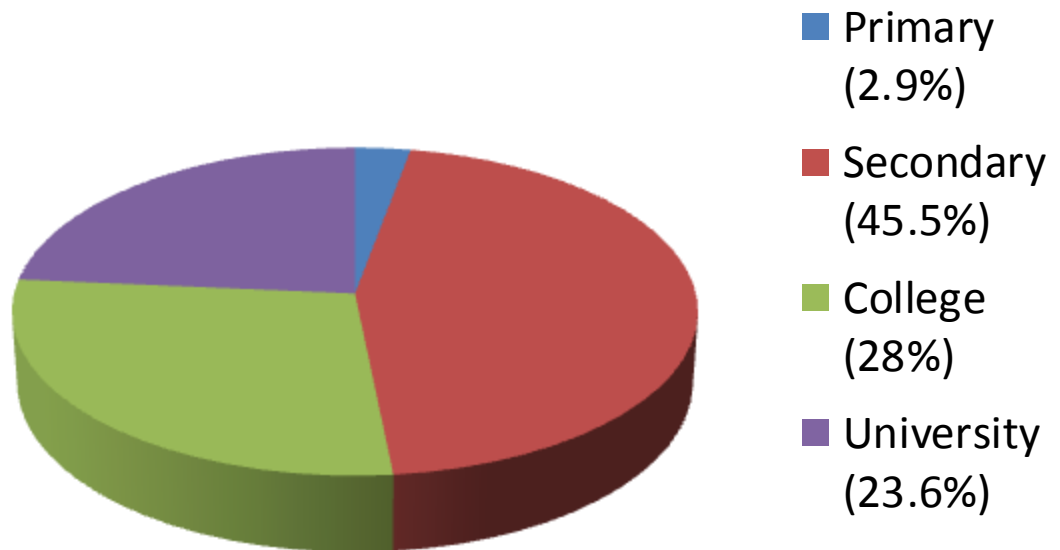
None have training in adult education.

22.7% are local incumbent/retired teachers from local schools

77.3% are volunteers from sectors such as agriculture, health, political organisations*

Huge demands but limited resources:
Funding, facilities, quality programmes, quality teachers/facilitators

CLC teachers' background*



**survey data of Vietnam CLCs (UNESCO Vietnam 2010)*

Towards a solution

Facts

25,000 CLCs in 7 ASEAN countries

Diverse learning needs but there are a lot topics in common

Suffer common issues of lacking resources and quality teachers

Local budgets very limited

Courses difficult to organise due to time and travel constraints

Ineffective utilisation of resources

Absence of coordination

considering ASEAN is a shared identity



MOOCs and Elearning

What do we know about MOOCs? How are they relevant to the CLC context?

A successful MOOC was attended by as many as 160,000 students from over 190 countries

M

Massive

Excellent for 25,000 + CLCs in 7 ASEAN countries

Not much hardware required; works with almost any platform

O

Online

People can access learning content with a computer/mobile device from anywhere

The courses are free
(ARE THEY?)

O

Open

Given the target groups of ASEAN CLCs, this is very relevant

The content is organised/structured/not fragmented knowledge

C

Course

Yes and No
Some content should be developed into a course where as others can be given in short, easy to understand lessons

MOOCs and Elearning

Clear benefits of MOOCs to CLCs

Quality assurance
of content

CLC learners can
select content
most relevant to
them and can learn
whenever and
wherever they
choose

Networking
of CLCs
nation-wide
and region-
wide

Interactions
among learners

Efficient utilisation
of CLC resources in
a country and
across ASEAN
countries

Easier to get
funding from
stakeholders



MOOCs and Elearning

Issues to consider, though!

So far most MOOCs
have been developed
by prestigious
universities
Very little insight
gained in non-
academic contexts

High drop-out rate
reported!

Platform
stability and
affordability
pose a big
challenge

MOOCs
management
requires well-
trained staff

MOOCs require ICT
skills while ICT
skills themselves
are content to be
taught at CLCs

Is there an online
culture ready?



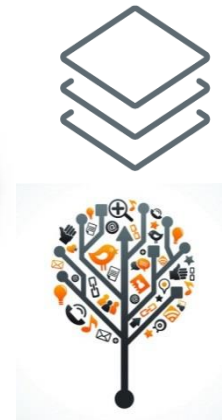
MOOCs and Elearning

Several questions need to be answered

Computer basic skills?
Communication skills?
Self-direction skills?

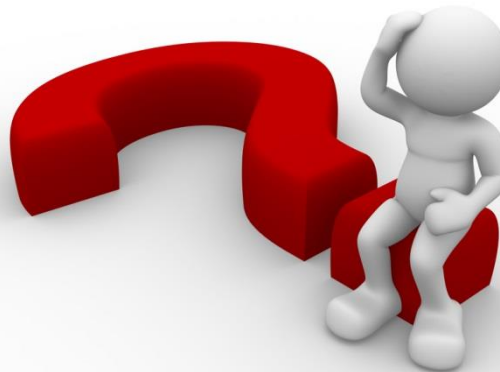
What are the KEY things to make a MOOC truly "massive"-enabled?

What are the universal skills for a MOOC participant?



To what extent is a MOOC-compatible platform needed?

How to address the language issues?

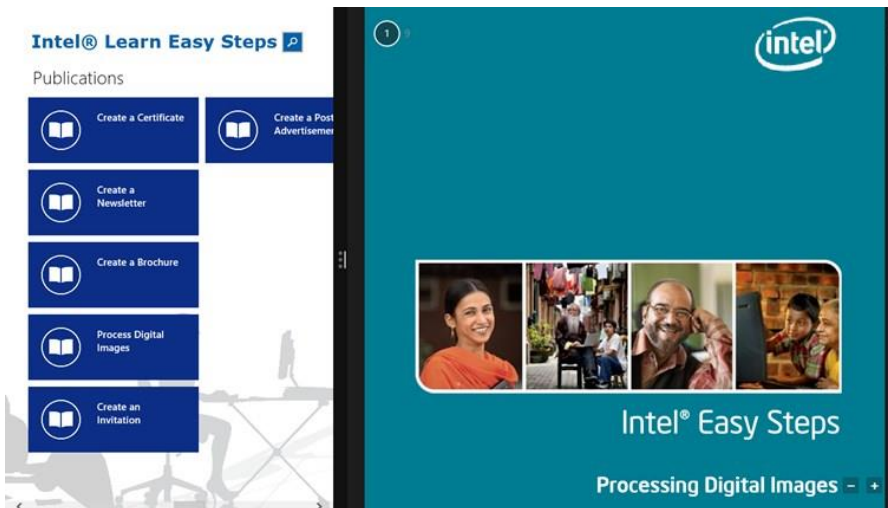


So what is advisable?

- 1. A shared CLC learning resources system** (at regional, national and local levels) is necessary
- 2. The online access mode should be more strongly promoted** as it will be more economical in the long run.

So what is advisable?

3. Various Stakeholders need to be well informed and invited for contributions



Intel Easy Steps for Community ICT Literacy

BMGF-MIC : Bill Melinda Gates Fund

So what is advisable?

4. The learning contents can be organised into **various categories**: quick tips, lessons, units and courses.

In a later stage, credits may be accumulated upon completion of the “courses” (towards non-formal and informal learning outcome recognition)

Sample online learning contents

Youtube videos

ACCU publications

Intel EZ Steps

<https://easystepsonline.intel.com/modules-preview>

YouTube Videos

→ ↻ <https://www.youtube.com/watch?v=6JbN16oL3Ho>

☰ YouTube[™] literacy education 🔍

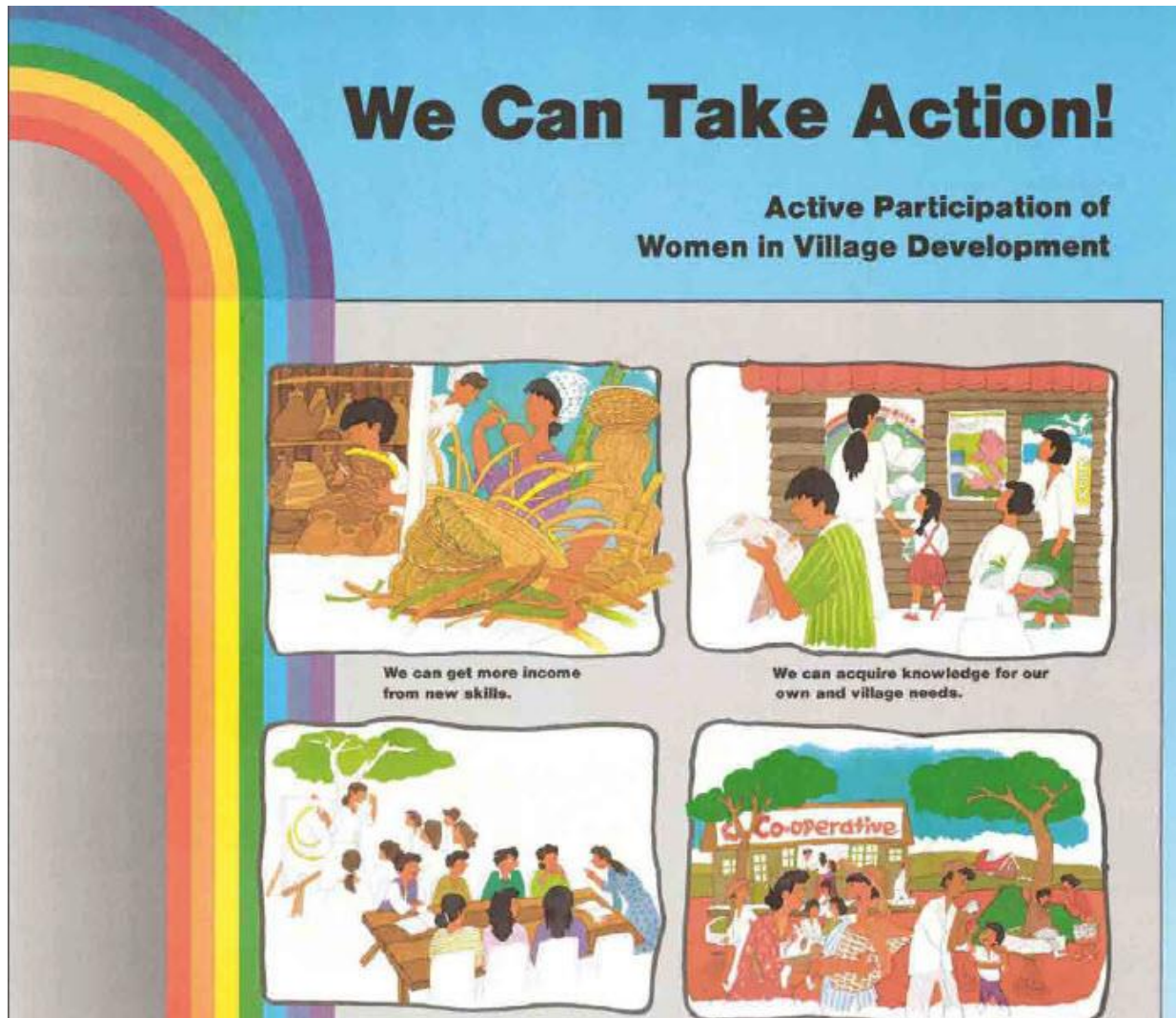


**Mobile Learning in
Adult Education**

▶ ⏮ 🔊 0:14 / 6:22 CC ⚙️ 📺 🔍

The image shows a screenshot of a YouTube video player. The browser's address bar at the top displays the URL 'https://www.youtube.com/watch?v=6JbN16oL3Ho'. Below the address bar is the YouTube logo and a search bar containing the text 'literacy education'. The main video area features a blue-tinted background image of a hand holding a mobile phone. Overlaid on this image is the title 'Mobile Learning in Adult Education' in large, white, bold, sans-serif font. At the bottom of the video player, there is a control bar with a play button, a skip back button, a volume icon, and a progress indicator showing '0:14 / 6:22'. To the right of the progress bar are icons for Creative Commons (CC), settings (gear), full screen, and search.

Practical Knowledge Publications



Online courses for communities

<https://easystepsonline.intel.com/modules-preview>



Intel® Learn: Easy Steps Online
A Digital Literacy Program

Easy Steps Course: Online Modules

In Modules 1–7 of this course, you will get an introduction to how a computer operates, and to basic software applications. Click on the "Learn More" links below to see a list of the activities and content covered in each module.



Module 1: Introducing Computers and Operating Systems

[Learn More](#)



Module 2: Introducing the Internet

[Learn More](#)



Module 3: Introducing Word Processing

[Learn More](#)



Module 4: Introducing Spreadsheets

[Learn More](#)

New to Easy Steps?

You will need an email address to sign up

[I have an email address →](#)

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**Regional CLC Learning
Content Development
Team**

National Team

National Team

National Team

Translation

LMS

**Funding and
technical
support from
partners and
donours**

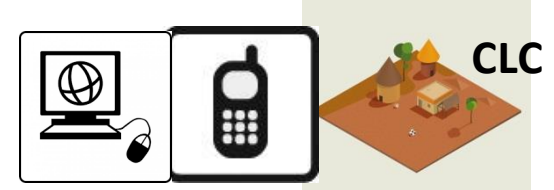
Publications
Short videos
E-learning
packages
Courses



CLC



CLC



CLC

Thank You