

Brief on ***APCICT Virtual Academy (AVA)***

24 June, 2013

Chiba, Japan

Presenter: Byeong-Jo Kong
IT Specialist, UN-APCICT/ESCAP

Outline

- 1. Brief Introduction to APCICT**
- 2. What is APCICT Virtual Academy?**
- 3. Challenges**
- 4. Demonstration**

ABOUT UN-APCICT/ESCAP

Who We Are



**Asian and Pacific Training
Centre for Information and
Communication Technology
for Development**



**A Regional Institute of
UN-ESCAP**



**Established in June
2006. Located in
Incheon, ROK**

Mission:

Build the human / institutional capacity of ESCAP members in use of ICTs for socio-economic development and to achieve the MDGs

Main Activities: the Four Pillars

APCICT's work is focused on four inter-related domains:



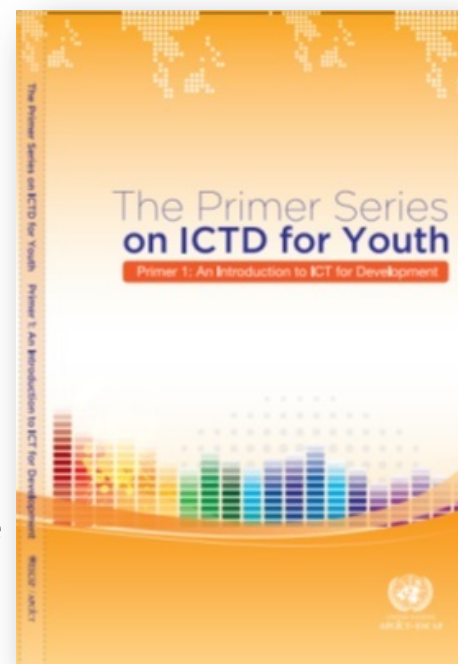
Academy of ICT Essentials for Government Leaders (*Academy*)

- To equip **government leaders** with the essential knowledge and skills to fully leverage opportunities presented by **ICTs to achieve socio-economic development goals**
- Flexible modular design, stand-alone yet interlinked modules covering basic to advanced ICTD concepts
- Can be offered via face-to-face and/or online distance learning platform
- Updated Academy 2.0 launched in 2012



Primer 1: An Introduction to ICTD

- **Foundational ICTD text for students** of all disciplines
- Learning Outcomes
 - Students equipped with basic awareness and knowledge of the potential of **ICT for promoting socio-economic development**
 - Students can leverage this knowledge in whichever fields they decide to work
- Distance Learning on Virtual Academy



Roll-out Status

- Academy in 26 countries and Primer Series in 9 countries in Asia and Pacific region
- To diversify delivery channel and meet the demand dispersed around the world, APCICT Virtual Academy was launched in 2009



What is APCICT Virtual Academy?

2. What is APCICT Virtual Academy?

- APCICT Virtual Academy: Launched in June, 2009
- E-Learning platform where users can learn APCICT Training Programmes free of charge
 - Self-paced online courses
 - Audio, video and synchronized presentation slides
 - Downloadable training material
 - Self assessment quizzes
- Technical Specification
 - LMS: Moodle 1.9.5
 - DB: Oracle 10.2
 - Contents: LectureMaker, etc.



<http://e-learning.unapcict.org>

How Does It Work?

- All you need to view APCICT Virtual Academy courses are
 - A common Internet browser (such as Internet Explorer, Chrome, Firefox)
 - The latest version of the Flash player plug-in and Window Media player.
- What If I don't have Internet Access?
 - Academy Courses are available in DVD-ROM form

DVD-ROM



Course Topics

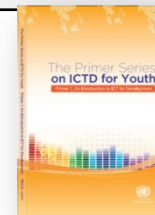
Academy Modules (Indonesian & Russian version)



Module 1	The Linkage between ICT Applications and Meaningful Development
Module 2	ICT for Development Policy, Process and Governance
Module 3	e-Government Applications
Module 4	ICT Trends for Government Leaders
Module 5	Internet Governance
Module 6	Network Security and Privacy
Module 7	ICT Project Management in Theory and Practice
Module 8	Options for Funding ICT for Development
Module 9	ICT for Disaster Risk Management
Module 10	ICT, Climate Change and Green Growth (<i>under revision</i>)
Module 11	Social Media for Development (<i>upcoming</i>)
Instructional Design	
Monitoring and Evaluation Toolkit	

Primer Series

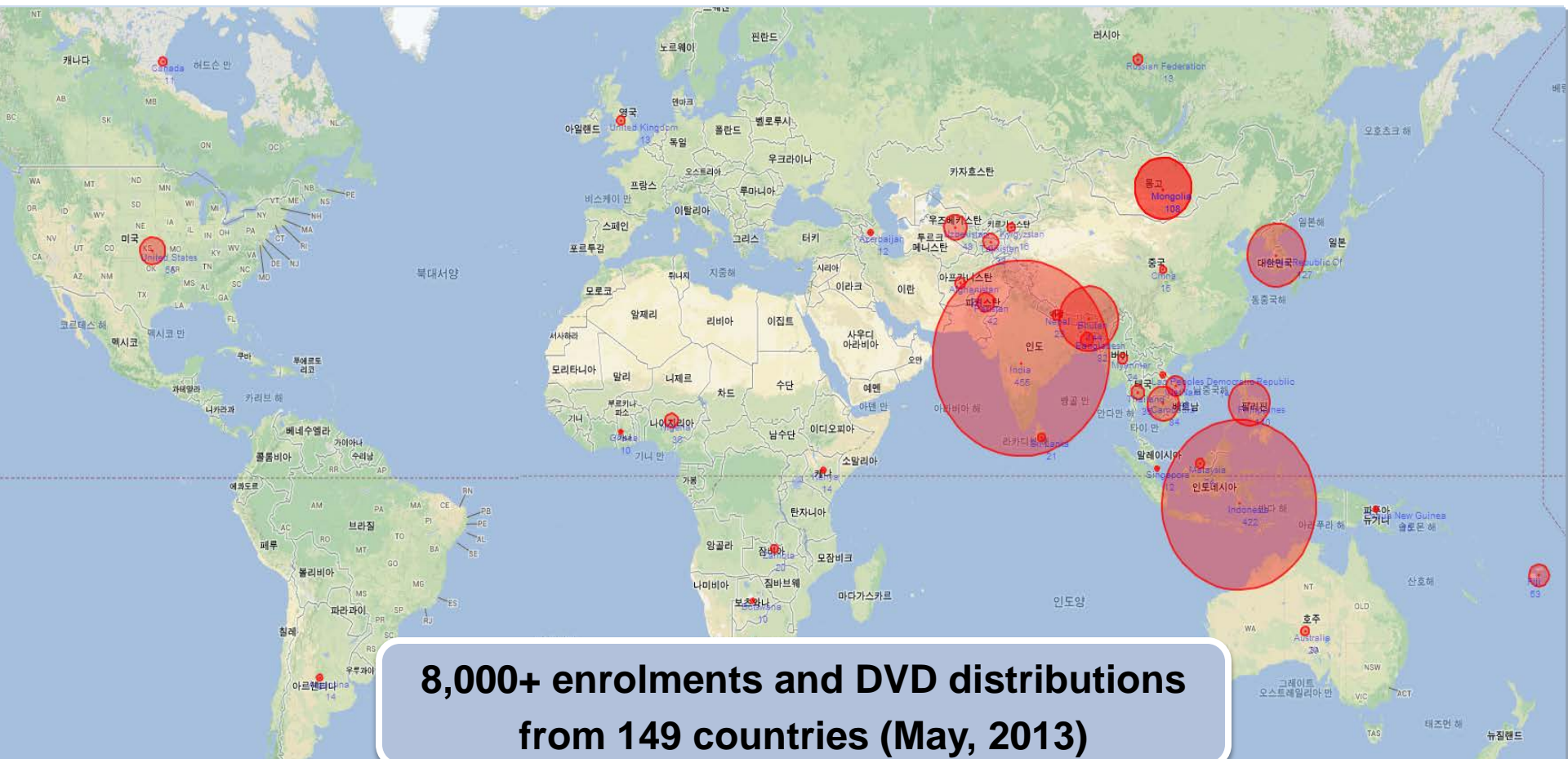
Primer 1	An Introduction to ICT for Development
Primer 2	Project Management and ICTD (<i>upcoming</i>)
Primer 3	ICT for Disaster Risk Management (<i>upcoming</i>)
Primer 4	ICT, Climate Change and Green Growth (<i>upcoming</i>)



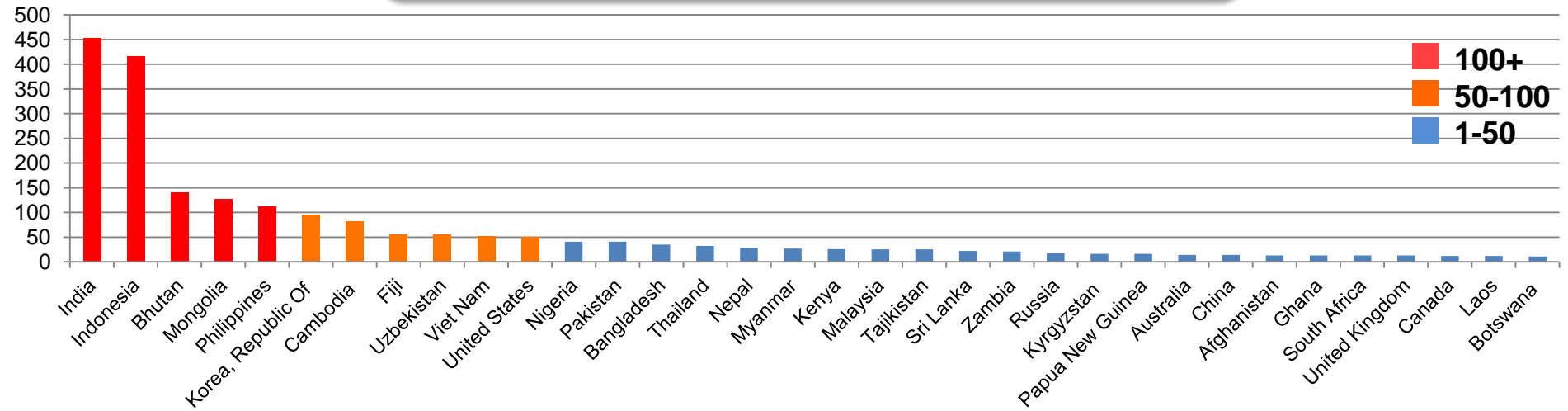
Knowledge Sharing Series

KSS 1	ICTD Institution Building
KSS 2	Cybersecurity





8,000+ enrolments and DVD distributions from 149 countries (May, 2013)



Overview of Services

The screenshot displays the APCICT online learning environment. At the top, it shows 'M4 ICT Trends for Government Leaders' and 'Session 1: Technological Evolution: Broad Developments'. The main content area is divided into three sections:

- Lecture Video:** A video player showing a man speaking.
- The Digital Divide:** A presentation slide with an 'Introduction' section. The text reads: 'The Communities of Practice or CoP is a collaborative online platform that enables participants with common interests to share knowledge and best practices related to topics on ICT for development (ICTD). Participants can create a new discussion topic for facilitators or other users to reply. There is also a function to upload files for knowledge-sharing purposes. Additionally, the subscription feature allows participants to receive new discussion topics and replies by email. To join a CoP forum, simply press the "click" button next to any of the forum titles below.' Below this are three forum topics: 'Cybersecurity', 'ICTD Institution Building', and 'The Primer Series on ICTD for Youth', each with a 'click' button.
- Discussion Forum:** A thread titled 'Re: What are the critical success factors of the cybersecurity strategy?' by harun sethi. The discussion includes a reply from Prof. Youm / Prof. Paik stating that it is a difficult problem and that one of the weakest links is human users. It also mentions awareness programs in Korea, such as TV programs and subway advertisements.

At the bottom of the interface, a navigation bar shows '13/43'.

Lecture Video

- Learning p
- Grades

Explorer Menu

- Question p (random m
- E-Certificat each modu
- Printed cer for all modules

Synchronized PPT slides

- slides
- text book
- PPT slides
- material

om for s ulation

3. Challenges

➤ Technical aspect

- Connectivity: Diversify the delivery channel and format
 - ✓ Text, audio, video in different bandwidth
 - ✓ DVD, Youtube, Local hosting (Uzbekistan, Bhutan, etc.)

➤ Contents aspect

- Context barrier: Different region, different demand
- Language barrier
 - ✓ Localize into different languages and different contexts

4. Demonstration

APCICT Virtual Academy Website:

<http://e-learning.unapcict.org>



UNITED NATIONS
APCⁱCT - ESCAP

Q & A



ICT transforms our HOPE into Reality

H

ICT...Alone,
it's simply a tool



O

When it
works for
people



P



and when
people **know**
how to use it

E

ICT transforms
our **HOPE**
into reality

- Humanity
- Opportunity
- Progress
- Equality





UNITED NATIONS
APCⁱCT – ESCAP

We develop human capacity.

We build tomorrow together!

www.unapcict.org