

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

***24 June, 2013***

***Chiba, Japan***

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**IT Specialist, UN-APCICT/ESCAP**

# Outline

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

# ABOUT UN-APCICT/ESCAP

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# Who We Are



UNITED NATIONS  
APCiCT - ESCAP

**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

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



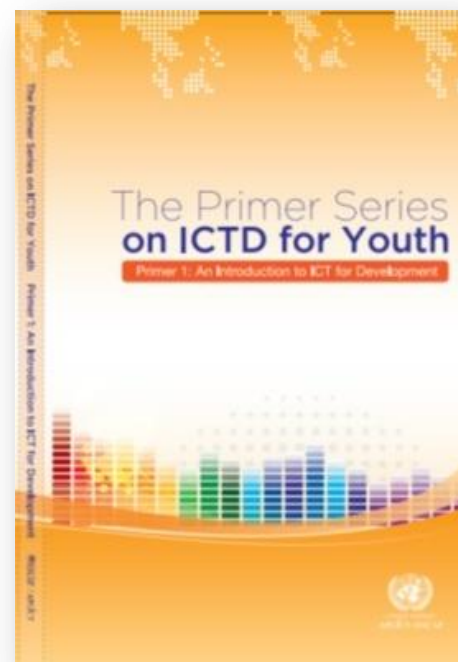
# Academy of ICT Essentials for Government Leaders (*Academy*)

- 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?

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## 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

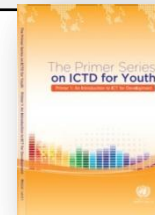
## Academy Modules (Indonesian & Russian version)



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

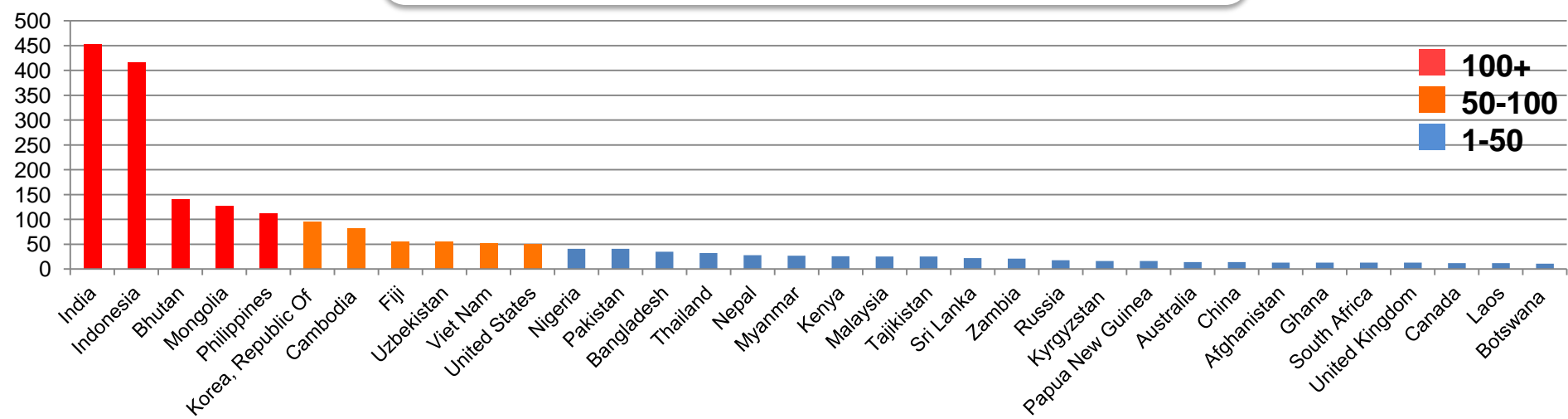
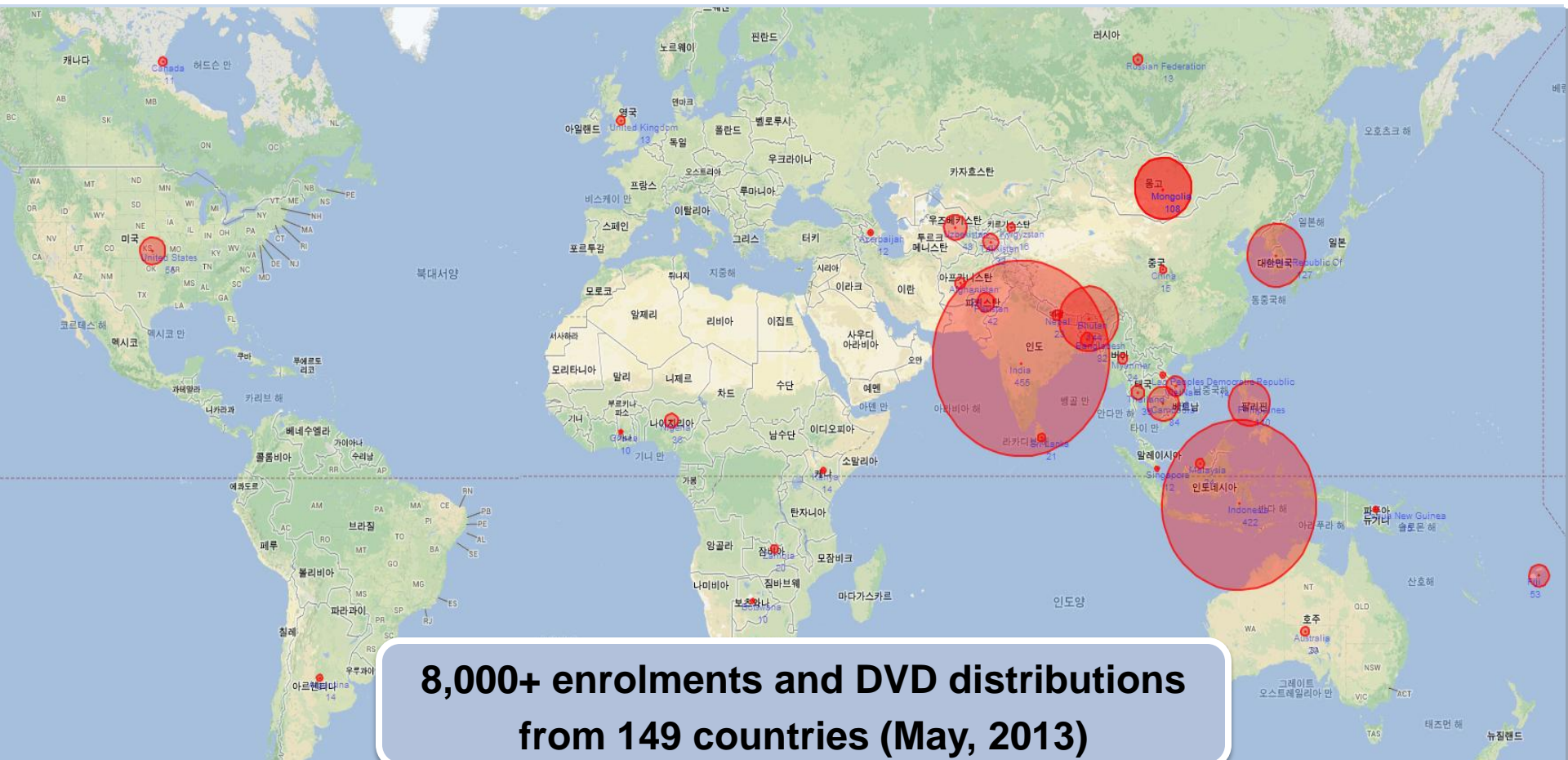
Primer 1	An Introduction to ICT for Development
Primer 2	Project Management and ICTD ( <i>upcoming</i> )
Primer 3	ICT for Disaster Risk Management ( <i>upcoming</i> )
Primer 4	ICT, Climate Change and Green Growth ( <i>upcoming</i> )



## Knowledge Sharing Series

KSS 1	ICTD Institution Building
KSS 2	Cybersecurity





# Overview of Services

**Session 1: Technological Evolution: Broad Developments**

## The Digital Divide

**Introduction**

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.

**Cybersecurity** click

As critical national infrastructures are increasingly dependent on ICT, a thorough understanding of cybersecurity threats and effective countermeasures is necessary for policy makers and other relevant stakeholders. To this end, the Cybersecurity module was developed as part of the APCICT Knowledge Sharing Series with the support of the Ministry of Strategy & Finance. This forum serves to encourage knowledge-sharing and discussion based on this module.

**ICTD Institution Building** click

ICTD Institution Building module was developed as part of the APCICT Knowledge Sharing Series, with the support of the Ministry of Strategy & Finance, to enhance capacities of policy makers and other relevant stakeholders in the Asia-Pacific region to formulate and execute policies for ICTD. This forum serves to contribute to this effort through knowledge-sharing and discussion among the learners of the Institution Building module.

**The Primer Series on ICTD for Youth** click

The Primer Series is an ICTD capacity building resource that aims to equip the next generation of leaders with the capacity to use ICTs for achieving development goals through enhanced coverage of ICTD in undergraduate and graduate programmes. This forum serves to encourage knowledge-sharing and discussion among learners on the contents covered in the Primer Series.

**Discussion Forum:**

Re: What are the critical success factors of the cybersecurity strategy?  
by harun sethi - Tuesday, 4 September 2012, 03:10 PM

what is a good way to increase awareness of public and/or end-users?  
Show parent | Edit | Split | Delete | Reply

Re: What are the critical success factors of the cybersecurity strategy?  
by Prof. Youm / Prof. Paik - Monday, 10 September 2012, 10:56 PM

That is a very difficult problem.

I think that one of the weakest links is a link related to the human or users.

I would like to introduce some use cases in Korea. In Korea, many ways to increase the awareness are being used. We have produced many special TV program to increase awareness of users: informing users of how his computer is infected. We also use various programs including advertisements provided in the train by the subway company in Korea.

Many organizations are requesting all the employees to participate in an awareness program by the organization periodically.

Many media has made and broadcasted programs on letting them know the how computers are infected, how the infected computers are used for attack, how to set up a strong password, and how to make the security program to protect his computer.

Many security-relevant workshops and seminars have been held for the end users frequently.

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Re: What are the critical success factors of the cybersecurity strategy?  
by Prof. Youm / Prof. Paik - Tuesday, 11 September 2012, 03:54 PM

As one of awareness programs, public organizations, like KISA(Korea Internet & Security Agency), are operating various information security curriculums classified low-level and/or high-level. These Programs are open to office workers, general public, college student, and educational expense is free because of government support.

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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

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# 3. Challenges

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## ➤ 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

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APCICT Virtual Academy Website:

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





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**APC<sup>i</sup>CT - 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





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**We develop human capacity.**

**We build tomorrow together!**

[www.unapcict.org](http://www.unapcict.org)