

ICTD Capacity Development for SIDS

UN-APCICT/ESCAP

United Nations Asian and Pacific Training Centre
for Information and Communication Technology
for Development

Michael Riggs, Programme Officer

WSIS: A Call for Action



**world summit
on the information society**
Geneva 2003 - Tunis 2005

“ Each person should have the opportunity to acquire the necessary skills and knowledge in order to understand, participate in, and benefit from the Information Society and knowledge economy.

... It further calls for ***international and regional cooperation in the field of capacity building.*** ”

A Hub for ICT Capacity Development



APCICT : 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

APCICT Mission

Use of ICT for socio-economic development

*Build ICT human / institutional
capacity of ESCAP member States*

Training

**Research &
Knowledge-
Sharing**

**Assess-
ment
Services**

Training / Workshops

Over **300 Capacity Building Training/Workshops** involving more than **54,000 participants** *and online enrolments* from over **150 countries** representing government officers, policymakers and academia

**Gender
and ICT**

e-Gov

e-Business

**Production
of Statistics**

**Information
Security**

**ICT Accessibility for
People with Disabilities**

**Academy
of ICT Essentials for
Government Leaders**

Flagship Programme I: Academy of ICT Essentials for Government Leaders

*Developing government official and policymaker capacity
to leverage ICT for socio-economic development*



Academy Modules

M1- The Linkage between ICT Applications and Meaningful Development

M2- ICT for Development Policy, Process and Governance

M3- e-Government Applications

M4- ICT Trends for Government Leaders

M5- Internet Governance

M6- Network and Information Security and Privacy

M7- ICT Project Management in Theory and Practice

M8- Options for Funding ICT for Development

M9 - ICT for Disaster Risk Management

M10 – ICT, Climate Change and Green Growth

M11 – Social Media for Development

Localization and Customization

➤ Modules available in print and online (15 languages):



**Armenian Azeri Chinese English Indonesian
Khmer Mongolian Myanmar Pashto Persian
Russian Spanish Tajik Turkmen Vietnamese**

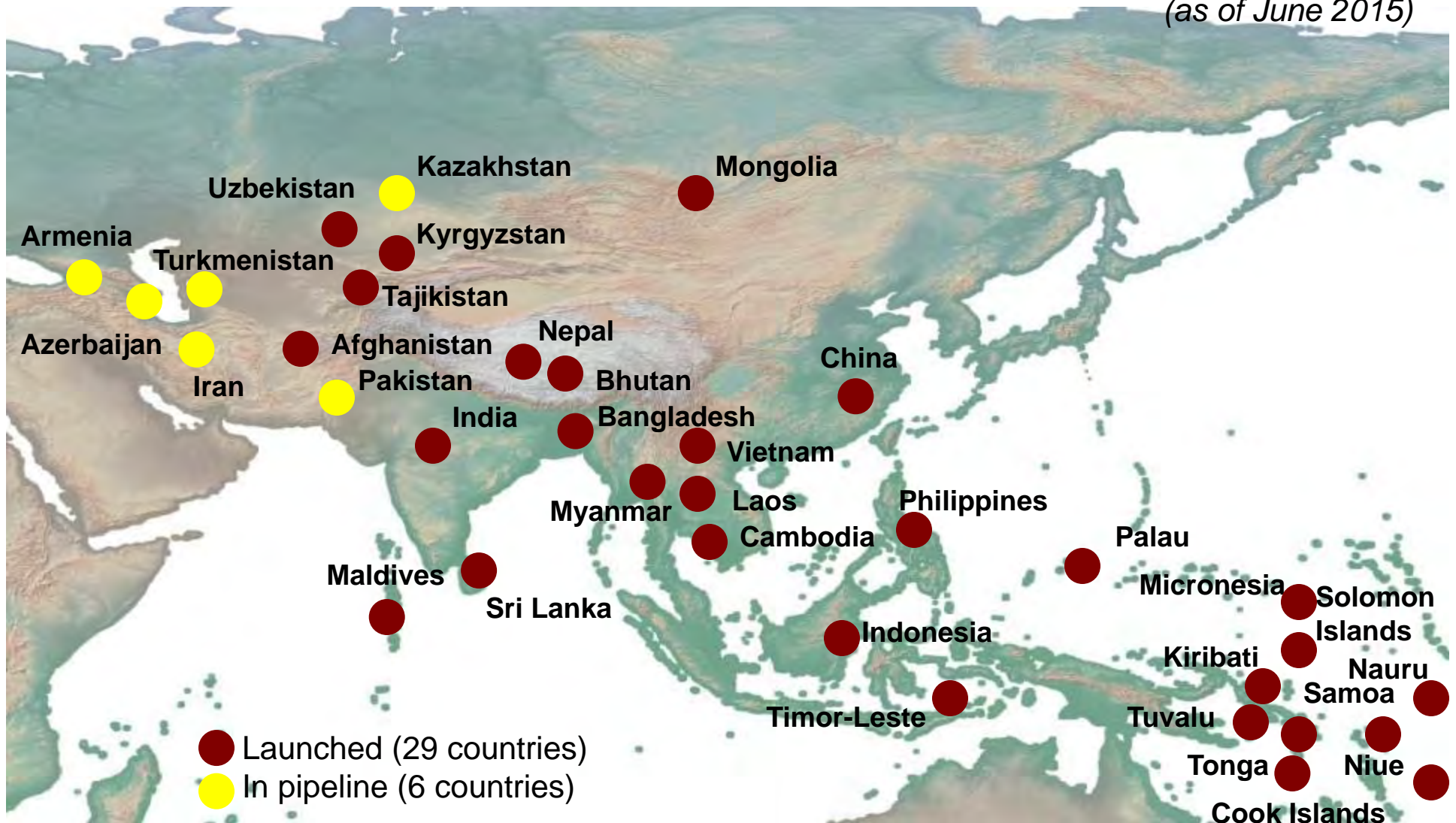
➤ Collection of local case studies and customization

Academy in Asia and the Pacific



Academy in Asia and the Pacific

(as of June 2015)



- Launched (29 countries)
- In pipeline (6 countries)

Map from <http://www.shadedrelief.com>

Impact of the Academy

(as of June 2015)

PROGRAMME REACH	PROGRAMME ADOPTION	POLICY INFLUENCE
<ul style="list-style-type: none">• Launched in 29 countries; utilized in Africa, Middle East, Latin America and the Caribbean• Distance learning platform with over 10,000 enrolments from 152 countries• Over 22,000 participants reached face-to-face	<ul style="list-style-type: none">• Integrated in national HRD frameworks and civil service training• Utilization by partners in regional, sub-regional and national activities• Partner driven localization of Academy Modules in 15 languages	<ul style="list-style-type: none">• Academy serving as a platform to discuss national ICTD policy issues• Academy alumni making changes in the ICTD landscape from local to national government

Reaching beyond Asia and the Pacific

Responding to global demand for a unique capacity building programme:

➤ Africa

- African version of Academy launched by ECA
- Co-organize series of workshops with KOICA and other institutions for African officials



➤ Latin America and Caribbean

- Supported ECLAC Caribbean office in training with Academy
- Supported MSIP and IADB establishment of “Centre for Advanced Studies in Broadband Development” in Nicaragua



➤ Middle East

- Supported ESCWA in resource mobilization and utilization of Academy; “AIGLE” localization of Academy launched in June 2015

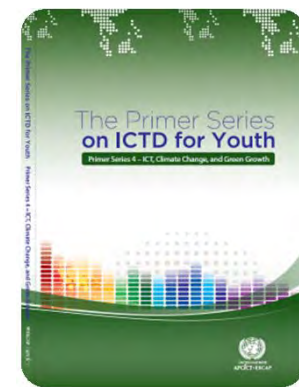
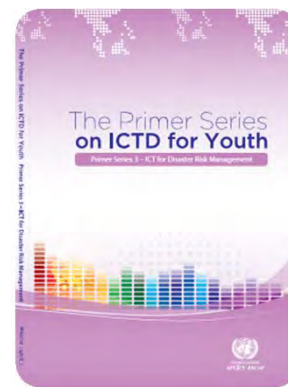
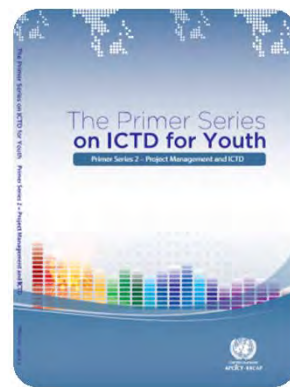
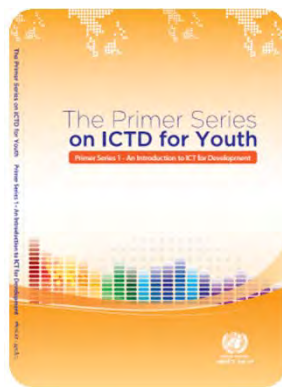




- Launched in **29 countries**; utilized in Africa, Middle East, Latin America and the Caribbean
- Over **32,000 participants** reached

Flagship Programme II: Turning Today's Youth into Tomorrow's Leaders

*Imparting ICTD Knowledge and empowering
students and youth*



Youth Programme

- Imparts key ICTD knowledge to students and youth who are the leaders of tomorrow
- Main Activities:
 - “Primer Series on ICTD for Youth” as a learning resource for universities
 - Internships & work exposure



Expanding the ICTD Curriculum for Youth

➤ Primer Series Issues

- Primer 1: An Introduction to ICT for Development
- Primer 2: Project Management and ICTD
- Primer 3: ICT for Disaster Risk Management
- Primer 4: ICT, Climate Change, and Green Growth
- Primer 5: Social Media for Development (forthcoming)



Impact of the Youth Programme

(as of June 2015)

PROGRAMME REACH	PROGRAMME ADOPTION	ICTD LEARNING
<ul style="list-style-type: none">• Rolled-out in 14 countries and introduced in 2 sub-regions• ICTD education strengthened in over 130 universities• 22,000+ students reached	<ul style="list-style-type: none">• Academic institutions adopt Primer content in curriculum• Partner driven localization of Primer Series in 6 languages• Serves as platform for dialogue and collaboration among educational institutions	<ul style="list-style-type: none">• Primer Series filling the gap of ICTD education at institutions of higher learning• Students and youth enhancing understanding on ICTD

Research and Knowledge Sharing

ICTD Case Study Series



- *ICT Human Capacity Building*
- *ICT for Disaster Risk Reduction*
- *Open and Distance Learning in Asia and the Pacific*

Knowledge Sharing Series



- *ICTD Institution Building*
- *Cyber Security*
- *GCIIO Programme Development in Developing States*

APCICT Briefing Note Series



Brief on ICT Trend



- *Big Data*

Online Learning & Knowledge Platforms

(as of June 2015)

- APCICT Virtual Academy (AVA)
 - Over 10,000 course enrolments from 152 countries
- E-Collaborative Hub (e-Co Hub)
 - More than 900 resources with 309,000+ pageviews
- Academy Partners Resource Centre
 - 72 registered partners from 55 APCICT partner institutions



Multilateral Cooperation Mechanism

- Promote dialogue, knowledge sharing and mutual cooperation through regular regional fora on ICT and human capacity development
- Regional dialogue and Annual Partners Meetings
- Regional Forums on ICT Human Capacity Development “*Where are we, where are we going and what will it take to fill the gap?*”



The Pacific and APCICT

- Introduce and institutionalize the Academy and Primer Series with SPC and USP
 - 2008 subregional Academy workshop with SPC in Cook Islands
 - 2009 EU funded “ICT Access for the Poor” uses Academy in 14 countries
 - 2012 Academy Partnership Agreement with USP
 - 2012 subregional workshop with SPC in Fiji
- Pacific representatives participate in APCICT workshops, TOT, partners meetings and regional dialogues

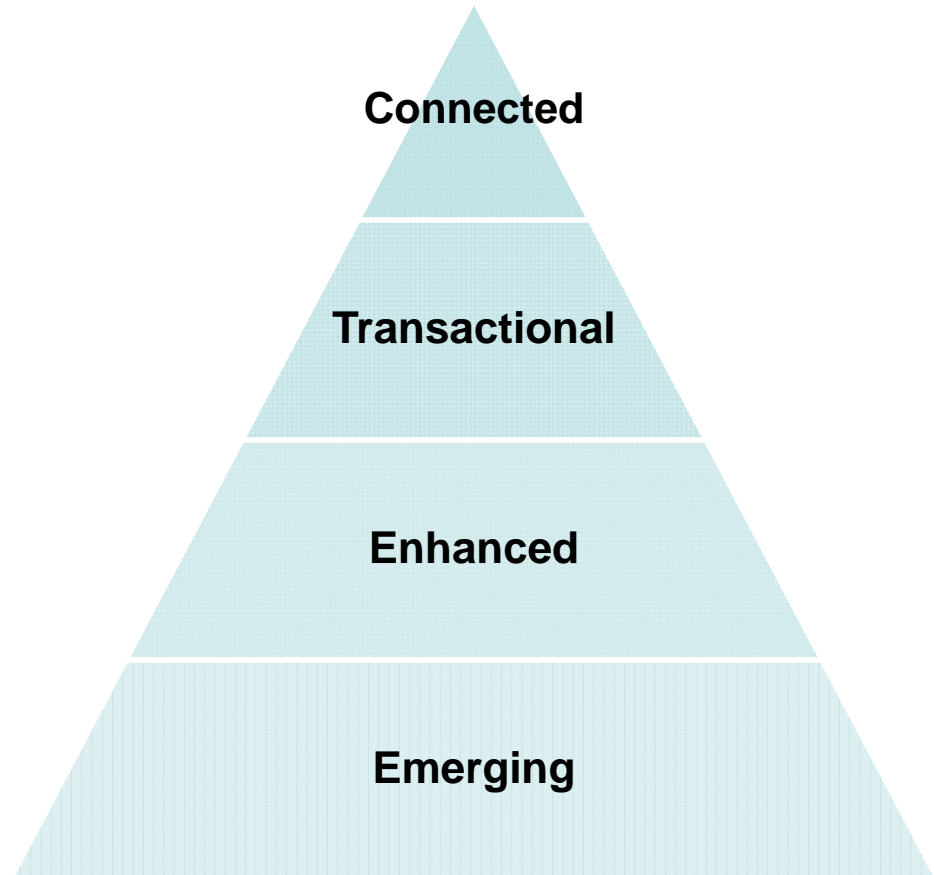
ICT for Sustainable Development

- Rio+20 (June 2012)
 - “...to achieve our sustainable development goals we need institutions at all levels that are effective, transparent, accountable and democratic. E-government holds tremendous potential to improve the way that governments deliver public services and enhance broad stakeholder involvement in public service.”

(Source: UN E-Government Survey 2014)

Wide Disparity in E-Government

- Majority Asia-Pacific countries remain at low or intermediate levels of e-government development, termed “**emerging**” or “**enhanced**” stages in the UN four-stage online service model
- Among 14 countries surveyed in Pacific:
 - 2 countries – very high EGDI
 - 1 country – high EGDI
 - 9 countries – middle EGDI
 - 2 countries – low EGDI



The four stages of online service development
(Source: UN E-Government Survey 2014)

Module 3: e-Government Applications

- This module provides background knowledge on the basic concepts and key elements of e-government. It gives an overview of the evolution of e-government, its content and its applications, with particular reference to best practices.
- Topics include:
 - Overview of e-Government
 - Planning and Assessment of e-Government (Strategy, CSF, CFF, e-Gov. Models)
 - Types of e-Government Applications, Citizen Centric Services (G2C Applications)
 - Business Centric Services (G2B) Applications
 - G2G Services Applications, Common Infrastructure, and Other Applications
 - Trends and Future Directions for e-Government, including m-Government

Expanding e-Government Themes

- Increasing demand for e-government capacity building across Asia-Pacific
- APCICT plans to:
 - Expand from module 3 “e-Government Applications”
 - Develop series of thematic e-government modules for in-depth capacity development
- Is there demand for “e-Government for Small Island Developing States” module?

ICT for Sustainable Development

- Asia-Pacific Forum on Sustainable Development (APFSDII, May 2015)
 - Participants highlighted “gender equality and the empowerment of women as major factors in ensuring sustainable development. In relation to the centrality of gender equality to sustainable development, the increased participation of women in the labour market...”

(Source: E/ESCAP/FSD(2)/3)

Women Entrepreneurs and ICT

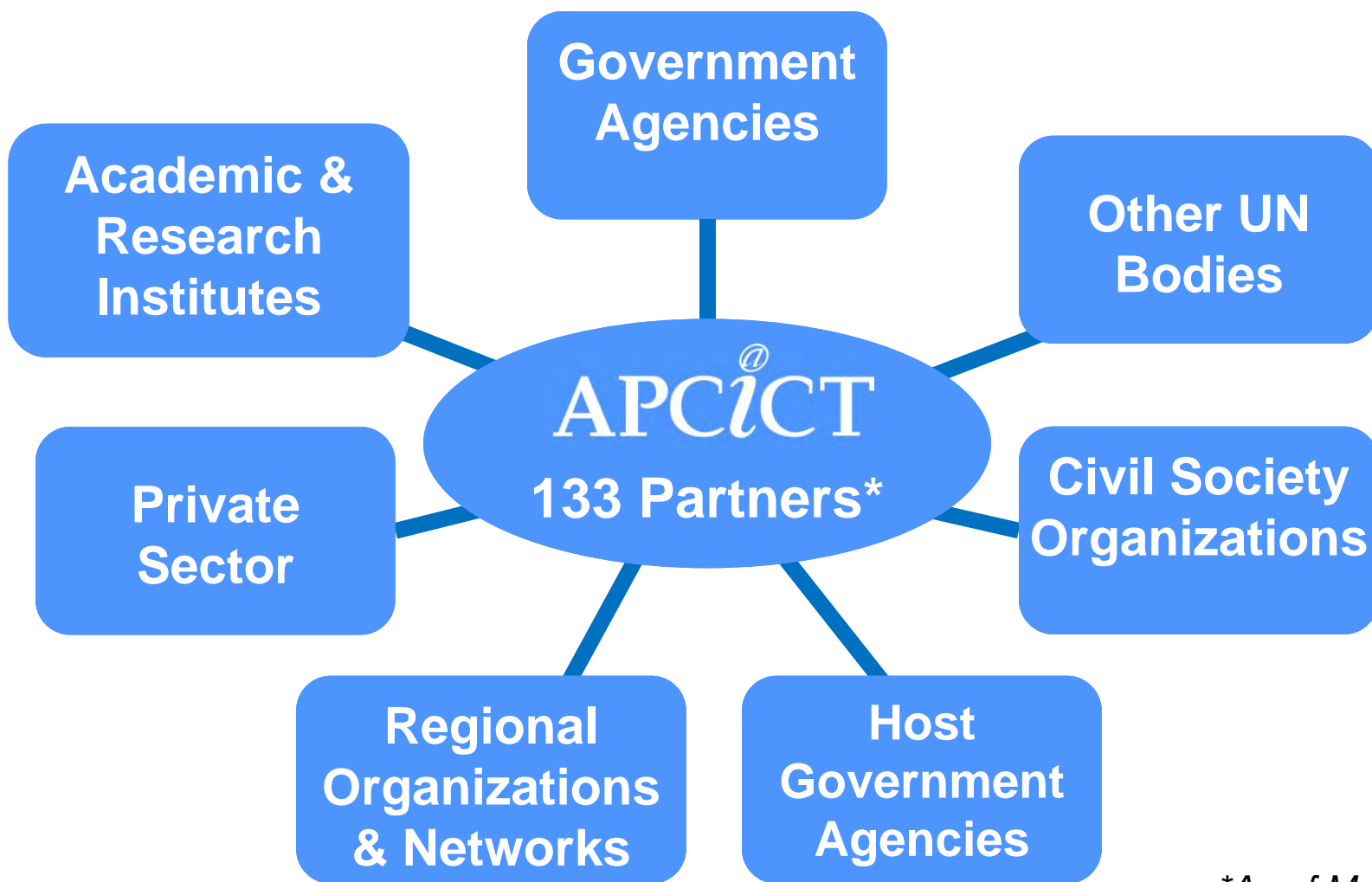
- Background
 - Lack of structured interventions for women entrepreneurs in using ICT
 - “Very few efforts to support women entrepreneurs using ICTs” (DCED 2012)
 - Women entrepreneurs continue to be excluded from the opportunities and benefits that ICT offers (UNCTAD 2014)

Women Entrepreneurs and ICT

- ICT capacity development for women entrepreneurs is needed to address the gap identified
- APCICT aims to fill this gap through the Women and ICT Frontier Initiative (WIFI)



We "D.I.D." it in Partnership



**As of May 2015*

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



Thank you!



UNITED NATIONS
APCⁱCT – ESCAP

**We develop human capacity.
We build tomorrow together!**

www.unapcict.org