

ITU: PLATFORM FOR PARTNERSHIPS

**14th Meeting of the Regional Interagency Working Group (IWG) on
Information and Communication Technologies (ICT)**

11th August 2010

- ITU Asia-Pacific & MICT/Thailand -

ITU Regional Office for Asia and the Pacific

Agenda

ITU Overview

WTDC-10 and Operational Plan (2011-2014)

Areas of Cooperation

1. Emergency Telecommunications
2. Digital Broadcasting
3. ICT Accessibility & Persons with Disabilities
4. ICT Applications
5. Human Capacity Building

ITU Asia-Pacific: Planned Events (2010 - 2011)

Overview of ITU

ITU Overview

- Founded in 1865
- Leading UN Special Agency for ICTs
- HQs in Switzerland

- Three sectors (ITU-T, ITU-D, and ITU-R)
- 4 Regional Offices & 7 Area Offices
- 192 Member States; and 750 Sector Members

ITU-D

Established to help spread equitable, sustainable and affordable access to ICT.

ITU-T

ITU's standards-making efforts are its best-known - and oldest - activity.



ITU-R

Managing the international radio-frequency spectrum and satellite orbit resources

ITU TELECOM

Brings together the top names from across the ICT industry & ministers and regulators for a major exhibition, a high-level forum & a host of other opportunities

ITU Asia-Pacific Region

ITU Asia-Pacific



- **Regional Office** for Asia and the Pacific: Bangkok, Thailand
- **Area Office** for South East Asia: Jakarta, Indonesia
- The offices serve for 38 Member States and 69 Sector Members

LDCs (13)	
Afghanistan	Kiribati
Bangladesh	Samoa
Bhutan	Solomon Is.
Cambodia	Tuvalu
Lao, PDR	Vanuatu
Maldives	
Nepal	
Myanmar	

Fiji	PNG
Marshall Islands	
Micronesia	
Nauru	
Tonga	
SIDS (11)	

Low-Income States (10)
D.P.R. Korea
India
Indonesia
Mongolia
Pakistan
Philippines
Sri Lanka
Vietnam
Timor Leste

The Rest (10)
Australia
Brunei
China/Hong Kong
Iran
Japan
Malaysia
New Zealand
R.O. Korea
Singapore
Thailand

ITU-D Sector & Associate Members: Asia-Pacific



Committed to connecting the world

1. Afghanistan Information Management Services (AIMS) - Afghanistan
2. Afghan Wireless Communication co.- Afghanistan
3. Asia Pacific Network Information Centre - Australia
4. Axiata (Bangladesh) Limited - Bangladesh
5. Grameenphone (GP) Limited - Bangladesh
6. Orascom Telecom Bangladesh Limited (Banglalink)
7. Bhutan Telecom - Bhutan
8. Telekom Brunei Berhad (TelBru) - Brunei Darussalam
9. China Telecommunications Corporation - China
10. China Unicom (Hong Kong) Ltd. - China
11. Huawei Technologies Co. Ltd.- China
12. ZTE Corporation - China
13. Secretariat of the Pacific Community (SPC) - Fiji
14. Bharat Sanchar Nigam Ltd. - India
15. Bharti Airtel Limited - India
16. Cellular Operators Association of India
17. ITU-APT Foundation of India
18. Luna Ergonomics Pvt. Ltd - India
19. Mahanagar Telephone Nigam Ltd. - India
20. RailTel Corporation of India Limited, India
21. Shyam Telecom Limited, India
22. Telecom Disputes Settlement & Appellate Tribunal - India
23. Telecom Regulatory Authority of India
24. Vihaan Networks Limited (VNL), India
25. PT. INDOSAT Tbk. - Indonesia
26. PT. Telekomunikasi Indonesia Tbk - Indonesia
27. Telecommunication Company of Iran
28. Fujitsu Limited - Japan
29. Hitachi, Ltd. - Japan
30. KDDI Corporation - Japan
31. National Institute of Information and Communications Technology - Japan
32. NEC Corporation - Japan
33. Nippon Telegraph and Telephone East Corporation - Japan
34. Nippon Telegraph and Telephone West Corporation - Japan
35. Nomura Research Institute Ltd.- Japan
36. The ITU Association of Japan
37. Tokai University - Japan
38. Korea Information Society Development Institute (KISDI) - R.O.Korea
39. Korea Internet & Security Agency (KISA) - R.O. Korea
40. KT Corporation _ R.O. Korea
41. National Information Society Agency (NIA) - R.O. Korea
42. Samsung SDS Co.Ltd, R.O. Korea
43. Asia-Pacific Broadcasting Union - Malaysia
44. Asia-Pacific Institute for Broadcasting Development - Malaysia
45. Astronautic Technology (M) Sdn.Bhd., Malaysia
46. Axiata Group Berhad, Malaysia
47. CyberSecurity, Malaysia
48. Global Knowledge Partnership, Malaysia
49. Green Packet Berhad - Malaysia
50. Maxis Mobile Sdn Bhd. - Malaysia
51. MEASAT Satellite Systems Sdn. Bhd. - Malaysia
52. Telekom Malaysia Berhad - Malaysia
53. Communications Regulatory Commission of Mongolia
54. Information Communication Network Company - Mongolia
55. MobiCom Corporation - Mongolia
56. Nepal Telecom Company Limited- Nepal
57. Nepal Telecommunications Authority - Nepal
58. e Worldwide Group - Pakistan
59. National Telecommunication Corporation - Pakistan
60. Pakistan Mobile Communications Limited - Pakistan
61. Pakistan Telecommunication Company Limited - Pakistan
62. Smart Communications, Inc. - Philippines
63. Dialog Telekom Limited - Sri Lanka
64. Sri Lanka Telecom Ltd. - Sri Lanka
65. Asia-Pacific Telecommunity - Thailand
66. Advanced Info Service Public Company Ltd. - Thailand
67. Total Access Communication PLC - Thailand
68. True Corporation Public Co., Ltd. - Thailand
69. Viettel Corporation, VietNam

Membership Application at <http://www.itu.int/members/sectmem/Form.pdf>

WTDC-10 and Hyderabad Action Plan (HAP)

World Telecommunication Development Conferences

- Serve as forums for free discussion by all concerned with the Development Sector. Results are reported and new projects are launched.
- Set the agenda and the guidelines for the following four-year cycle, while the Regional Conferences review "work-in-progress" towards the overall objectives and ensure that goals are met.



World Telecommunication Development Conference 2010 (WTDC-10)

- ITU Fifth WTDC took place in Hyderabad, India from 24 May to 4 June 2010
- Adopted Hyderabad Declaration and Hyderabad Action Plan (HAP) for ITU-D activities to be implemented in the coming 4 years i.e. 2011-2014

For outcomes of the WTDC-10, please visit:

<http://www.itu.int/ITU-D/conferences/wtdc/index.html>

ITU Development Programs (2011-14)



Programme 1

Information and communication infrastructure and technology development

Programme 2

Cybersecurity, ICT Applications and IP-based network-related issues

Programme 3

Enabling Environment

Programme 4

Capacity Building and digital inclusion

Programme 5

Least developed countries, countries in special need, emergency telecommunications and climate change adaptation

Asia-Pacific Regional Initiatives (2011-14)

ASP RI 1

Unique ICT needs of least developed countries (LDCs), small island developing States (SIDS) and landlocked developing countries

ASP RI 2

Emergency telecommunications

ASP RI 3

Digital broadcasting

ASP RI 4

Broadband access and uptake in urban and rural areas

ASP RI 5

Telecommunications/ICT policy and regulation
in the Asia-Pacific region

Areas of Cooperation

1. Emergency Telecommunications

ITU Framework for Cooperation in Emergencies (IFCE)

Eminent Industry Champion

Technology Cluster

- Satellite operators and Land Earth station operators
- Telecom Operators
- GIS/Remote sensing service providers
- Radiocommunications Equipment Providers

Eminent Corporate Champion

Finance Cluster

- Governments
- Private Sector
- Development Banks
- Regional Economic Groups

Eminent Corporate Champion

Logistics Cluster

- Air Transport operators
- International Couriers

ITU Emergency Resources

Satellite terminal: (Voice and data communication)

- Deployable CDMA base stations
- Wi-Fi and WI-MAX equipment
- VSATs
- Handheld satellite phones
- Satellite broadband terminals



Resource deployment

- *Equipment will be dispatched to a disaster-hit area immediately after request*
- *ITU bears costs of airtime and logistics*
- *ITU experts are ready to fly to the area and provide training of equipment*

ITU invites partnerships for the “Asia-Pacific Regional Platform for Disaster Communications Management and Capacities” and the “Regional Training Workshop on the Use of Telecommunications in Emergencies” planned to be held in Mongolia in 2011

2. Digital Broadcasting

Digital Broadcasting Project

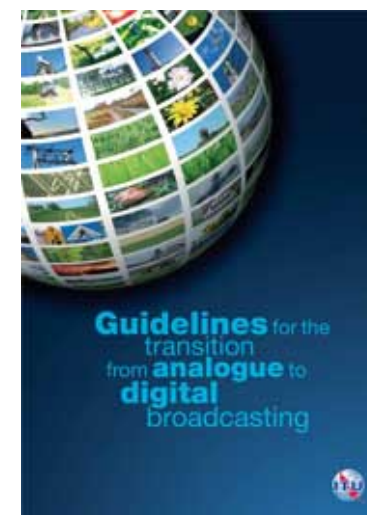
Objectives

To assist the Asia-Pacific countries in making their own roadmap to shift smoothly from analogue to DTTB and to introduce MTV.

- **Funded by ITU and Republic of Korea**

- **Main Activities**

- Survey on broadcasting & transition situation
- Adaptation of Guidelines developed through Roadmap of a project in Africa
- Development of Roadmap for some selected countries in Asia-Pacific
- Workshop to train participants on how to develop Roadmap and share experiences amongst neighboring countries in Asia-Pacific.



The successful Implementation of the project requires cooperation & collaboration from the beneficiaries' governments (government departments, concerned local administrators, etc.)

Why transition is important?

- The transition from analogue to digital will **create great opportunities** for the provision of information and communication technology (ICT) **applications and multimedia services**, including higher quality video and interactivity.



- It will also contribute to the efficient use of spectrum and pave the way for a “**digital dividend**” because the released spectrum can be used for wireless broadband communications and other applications.

Next Steps

- Conduct **Survey** to provide a wider picture of the **current situation and future plan of the Asia Pacific broadcasters** on Policy, regulatory, technical and consumer issues.
 - **Roadmap** to facilitate a coordinated approach to:
 - ✓ Concentrating efforts on areas on greatest strategic impact
 - ✓ Increasing collaboration among stakeholders
 - ✓ Identifying necessary investments
 - ✓ Reducing duplication of resources
 - Initiate **Regional Workshop/training programs** in collaboration with CoE
 - **Promote partnership** with private sector and other parties interested.
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3. ICT Accessibility for Persons with Disabilities (PwDs)

ICT Accessibility for PwDs

“e-accessibility Policy Toolkit for Persons with Disabilities –
<http://www.e-accessibilitytoolkit.org/>



The screenshot shows the homepage of the e-Accessibility Policy Toolkit. It features the ITU, G3ict, and @ID logos. The main title is "e-Accessibility Policy Toolkit for Persons with Disabilities" with a subtitle "A Joint ITU/G3ict Toolkit for Policy Makers Implementing the Convention on the Rights of Persons with Disabilities". Navigation links include Home, Toolkit Contents, Contact the Editor, Case Studies, Country Profiles, and Resource Center. The Toolkit Contents section lists: UN Convention, overview, definitions, accessibility provisions, country assessment and ICT barriers removal, and matrix of applications and technology sectors. Utility links for Search, Site Map, Contact, Tell A Colleague, Login, and Register are also present.

1. ITU provides tools such as e-Accessibility toolkit and expertise in policy making for ICT accessibility for persons with disabilities
2. ITU provides forums for policy makers, regulators, private sector, NGOs and organisations dealing with persons with disabilities to share experiences, case studies, and views on accessibility to ICT
 - 2011: Regional Seminar on Digital Inclusion for Persons with Disabilities and Ageing Societies

ICT Accessibility for Persons with Disabilities

- ITU, ESCAP & various partners including NTC organized the *“Asia-Pacific Regional Forum on Mainstreaming ICT Accessibility for Persons with Disabilities”* on 25-27 Aug 2009 in Bangkok, Thailand
- Some 140 participants from 21 countries e.g. policy makers, regulators, operators, industry representatives, NGOs and disabled persons organizations



- ITU organised *“Workshop on Accessibility to ICTs”* at the 4th International Convention on Rehabilitation Engineering & Assistive Technology (iCREATE-2010) on 23rd July 2010, Shanghai, China
- The Workshop was honourably opened by Her Royal Highness Princess Salote Pilolevu Tuita, Kingdom of Tonga

ITU invites partnerships for the *“Regional Seminar on Digital Inclusion for Persons with Disabilities and Ageing Societies”* planned to be held in 2011

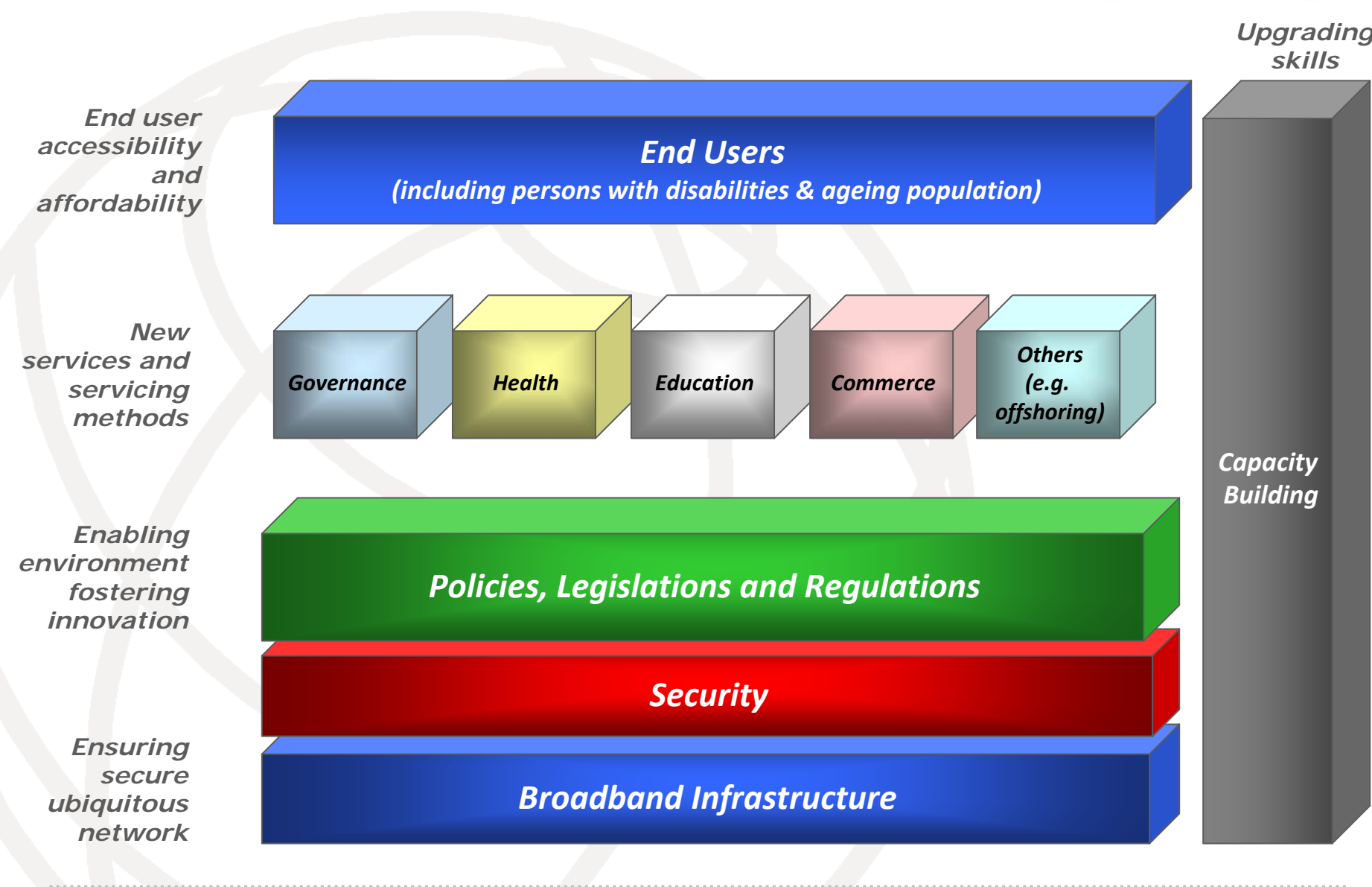
4. ICT Applications

Telecentres & ICT Applications

1. Case Study of telecentre deployment in Asia-Pacific
 - Evaluation
 - Recommendations
2. Regional Knowledge Sharing Platform on telecentres and sustainability
 - Partnerships with member administrations, international organisations, private sector, NGOs such as telecentre.org
 - Seminars and training programmes with a potential of academic programme on telecentres and ICT applications
3. Development of ICT applications

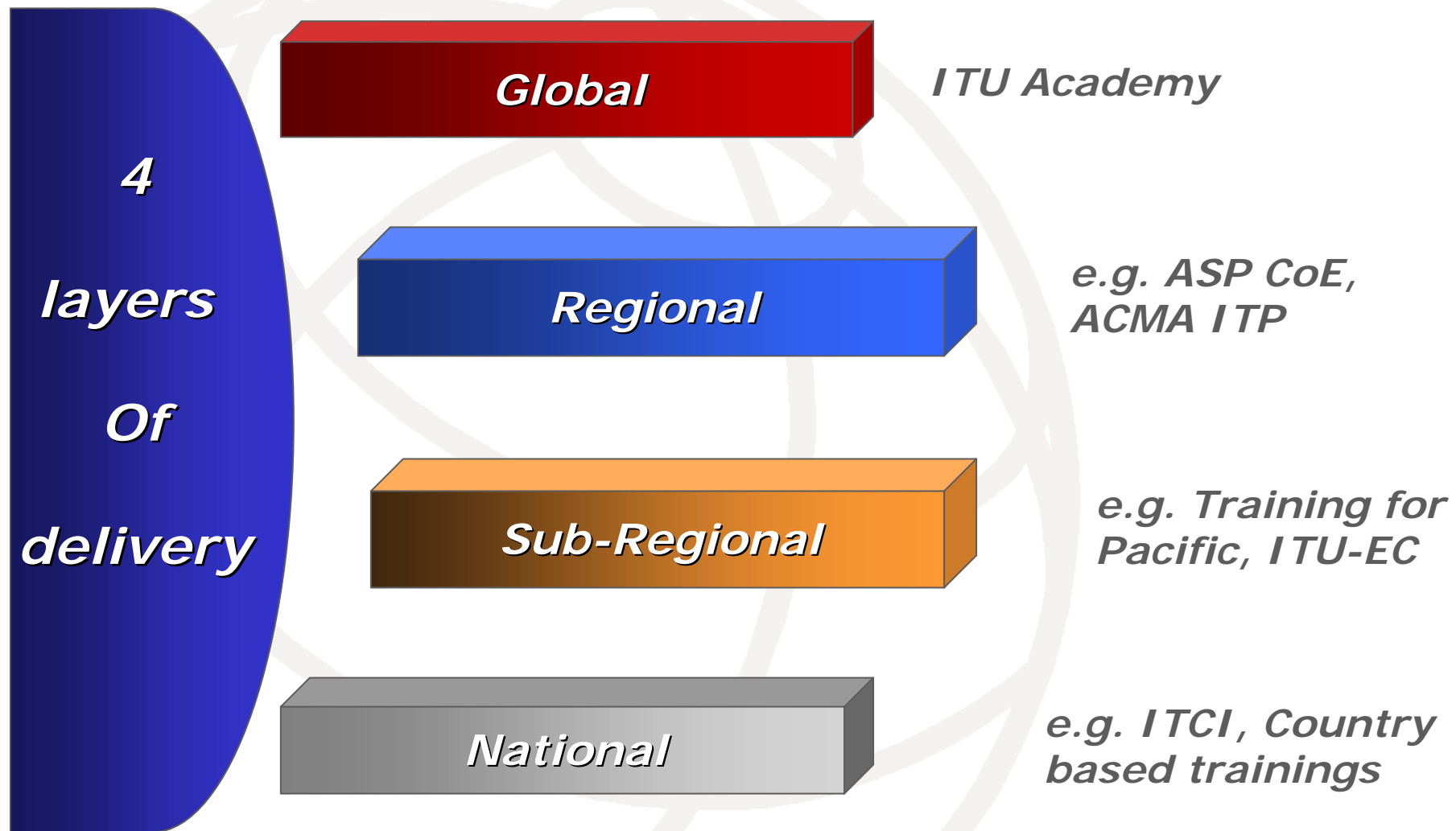
ITU invites for partnerships in developing, promoting and training on ICT applications and those for telecentres

Components to Harness Broadband



5. Human Capacity Building

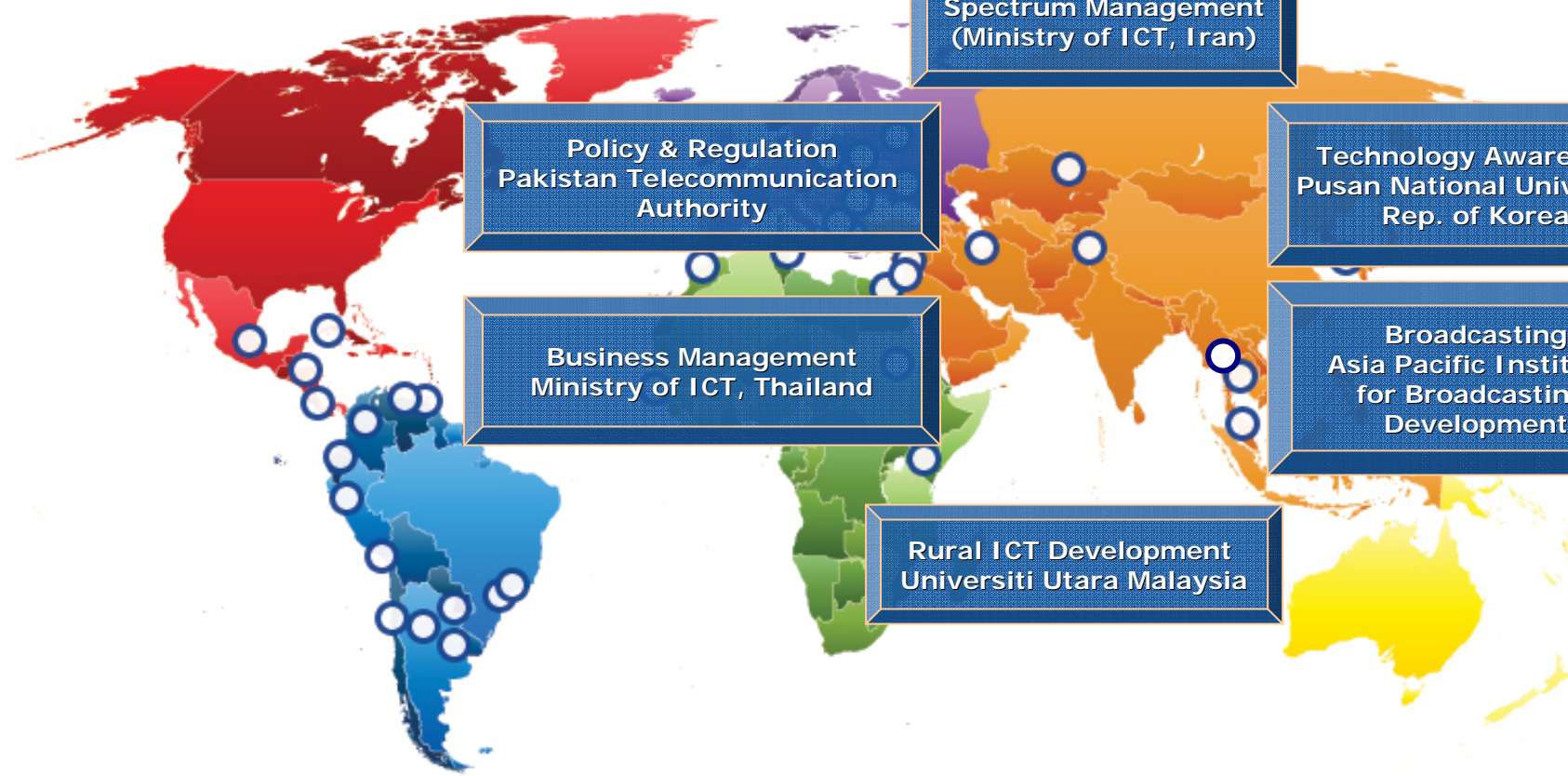
Human Capacity Building: Four layers of delivery platforms



ITU Asia-Pacific Centres of Excellence

Global

Asia Pacific



ITU Asia-Pacific Centres of Excellence: Training Courses in 2010

Training Course	Venue	Date
<i>Improving rural development through Telecentres</i>	<i>Malaysia</i>	<i>26 - 28 Apr</i>
<i>Developing Human Resource Management Skills for Telecom Organizations</i>	<i>Thailand</i>	<i>17 - 19 Aug</i>
<i>Infrastructure Sharing</i>	<i>Thailand</i>	<i>31 Aug -3 Sep</i>
<i>ITU/PITA CoE Competition Issues Workshop</i>	<i>Australia</i>	<i>7-10 Sep</i>
<i>e-Applications and Services</i>	<i>Thailand</i>	<i>20-24 Sep</i>
<i>International Mobile Roaming and Termination Rates</i>	<i>Thailand</i>	<i>5-8 Oct</i>
<i>Migration to NGN: Strategies for Telecom Companies</i>	<i>Iran</i>	<i>11 – 14 Oct</i>
<i>Securing ISP Networks and Services</i>	<i>Malaysia</i>	<i>[October]</i>
<i>4G Mobile (IMT Advanced) Systems and Applications</i>	<i>Rep. of Korea</i>	<i>1-5 Nov</i>
<i>3G Mobile Network Cost Modeling</i>	<i>Thailand</i>	<i>15 - 19 Nov</i>
<i>Migrating to converged licenses</i>	<i>Malaysia</i>	<i>Jan 2011</i>

ITU Asia Pacific Centres of Excellence: Online Training Courses in 2010

Online Training Course	Venue	Date
Universal Service Policies and Practices	ITU Academy Portal	5 April - 14 May
Migration to IPv6	ITU Academy Portal	30 Aug. – 9 Oct.
Digital TV Broadcasting Technologies	ITU Academy Portal	4 Oct - 12 Nov
Radiocommunications for Emergency Services	ITU Academy Portal	TBD
IT Governance	ITU Academy Portal	Nov
Interconnection Cost Modeling	ITU Academy Portal	Nov - Dec

The screenshot shows the ITU Academy website with a navigation bar containing links for Home, News, Courses, Community, My profile, Calendar, FAQs, and Contact us. On the left, there is a 'Global Search' section with a search box and a 'Go!' button, followed by a 'Login' section with fields for Username and Password, and a 'Login' button. Below that are 'Course categories' including Business and Management, Policy and Regulation, Technologies and Services, and Events. A 'Tags' section is also visible. The main content area features the ITU Academy logo with the tagline 'empowering minds', a notice dated June 2009 stating the portal is under development, and a section for 'KEY EVENTS AND ACTIVITIES' featuring the 'ITU Regional Human Capacity Development Forum for the Asia Pacific' with details on dates (14-16 December 2009), location (Bandar Seri Begawan, Brunei Darussalam), and participation fees (No participation fees/free).

<http://academy.itu.int>

ITU invites partnerships for participating and contributing to CoE Training Courses

Planned ITU Events : (2010 – 2011)

ITU & Asia-Pacific Events (2010)

Key Events	Venue	Date
ITU Telecommunication Development Advisory Group (TDAG)	Geneva, Switzerland	24-26 Feb
2nd PacCERT Working Group Meeting	Suva, Fiji Islands	11-12 Feb
ITU-MIC Seminar: Wireless Broadband Networks for Asia-Pacific	Tokyo, Japan	23-25 Mar
ITU Council	Geneva, Switzerland	13-22 Apr
ITU-T SG 3 : Regional Seminar on Cost & Tariffs	Beijing, China	27-30 Apr
ITU-T SG 3 Meeting	R.O. Korea	17-21 May
ITU World Telecommunication Development Conference 2010	Hyderabad, India	24 May - 4 Jun
ITU Regional Workshop on IMT and 8 th Meeting of WP5D on IMT Systems	DA Nang, Vietnam	7-8 Jun/9-16 Jun
ITU-T Workshop on Bridging the Standardization Gap	Malaysia	29-30 Jun & 1 Jul
ITU-iCREATiVe Workshop on Persons with Disabilities	Shanghai, China	22-23 Jul
ITU-ABBMN Ministerial Meeting	Maldives	3-5 Aug
ITU Plenipotentiary Conference (PP-10)	Mexico	4-22 Oct
ITU Global Symposium for Regulators (GSR)/GILF	Dakar, Senegal	10-12 Nov
ITU Global Forum on Human Capacity Development	Busan, R.O. Korea	30 Nov – 3 Dec
ITU-ACMA International Training Program	Sydney, Australia	6-10 Dec

ITU Asia-Pacific: Planned Events (2011)



No	Title	Partners	Host Country
1	Digital Inclusion for Persons with Disabilities and Ageing Societies	MCDYS/IDA, UNESCAP	[Singapore/ Thailand]
2	Regional Training/Workshop on the Use of Telecommunications/ICTs for Emergency Communications	UNESCAP, CTO, TSF, ISDR, PITA/SPC, APT, UNDP	Mongolia
3	Joint Cross-sectoral Ministerial Forum for the Pacific	SPC / PITA / USP / PIFS / ESCAP / WB	4-8 April (tbc) New Caledonia
4	Regional Event for Cyber-security e.g. for prosecutors & judiciary	UNODC / IMPACT	[Thailand / R.O. Korea]
5	Regional Symposium for Digital Broadcasting	ABU/AIBD	[Singapore / Malaysia]
6	Joint ITU/PITA/USP Training Programme for the Pacific	USP / PITA / SPC	Fiji Islands
7	BDT/TSB Joint Meeting (e.g. standardization matters; IPv6)	CTO	tbc
8	[BDT/TSB/BR] Study Group Meeting		tbc
9	ITU/MIIT Seminar (CIS)	MIIT	China
10	Asia Media Summit	AIBD	Viet Nam
11	Cross-regional Seminar on Broadband Access Development	ITU EUR/CIS/ASP	17-19 May, Moldova, Chisinau
12	Partnership Platform for Private Sector	AIFI / COAI / PITA / ITU-AJ	India
13	ITU/[UNESCO] Training Workshop on ICT Applications	[UNESCO /] telecentre.org	[Thailand]
14	Sub-regional Telecommunication Meeting for CLMV	ADB	tbc

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ITU : <http://www.itu.int>

ITU Asia Pacific : <http://www.itu.int/ITU-D/asp/CMS/index.asp>

