ITU Activities 2012

15th Regional Interagency Working Group on ICTs

UNCC, Bangkok, Thailand
2 December 2011

Eun-Ju Kim Ph.D.

Regional Director

ITU Regional Office for Asia and the Pacific

ITU Structure & Functions

- **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
- 193 Member States; and 700 Sector Members

ITU-T
Efficient, right-time production of international telecommunication standards

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

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 – Among World's Top Ten most Enduring Institutions", says Booz Allen

ITU in 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 over 71 Sector Members

LDCs (14)			Low-Income States (9)	The Rest (10)
Afghanistan			D.P.R. Korea	Australia
Bangladesh	Kiribati	Fiji	PNG India	Brunei
Bhutan	Samoa	Marshall Islands	Indonesia	China/Hong Kong
Cambodia	Solomon Is.	Micronesia	Mongolia	Iran
Lao, PDR	Tuvalu	Nauru	Pakistan	Japan
Maldives	Vanuatu	Tonga	Philippines	Malaysia
Nepal			Sri Lanka	New Zealand
Myanmar	SIDS (11)		Vietnam	R.O. Korea
Timor Leste				Singapore
				Thailand

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ITU-D Sector & Associate Members: Asia-Pacific Region

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

ITU Academia Members: Asia-Pacific Region

China	• Beijing University of Posts and Telecommunications • Nanjing University of Posts and Telecommunications (NUPT) • Tsinghua University
India	• Sinhgad Technical Education Society
Japan	• Waseda University
Malaysia	• Universiti Sains Malaysia

ITU Development Programs (2011-2014)

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

ITU Activities in Asia-Pacific 2011 - 2014

ITU Asia-Pacific Regional Initiatives & Projects (2011-2014)

ASP RI 1

Unique ICT Needs LDCs, SIDSs and Landlocked Developing Countries

→ To provide special assistance to LDCs, SIDS and landlocked developing countries in order to meet their priority ICT requirements.

ASP RI 2

Emergency Telecommunications

→ To provide assistance to Member States at all phases of disaster management, i.e. disaster preparedness including early warning, disaster response/relief and rehabilitation of telecommunication networks.

ASP RI 3

Digital Broadcasting

→ To assist ITU Member States in making a smooth transition from analogue to digital broadcasting.

ASP RI 4

Broadband Access and Uptake in Urban and Rural Areas

→ To assist Member States in the development of broadband access in urban and rural areas.
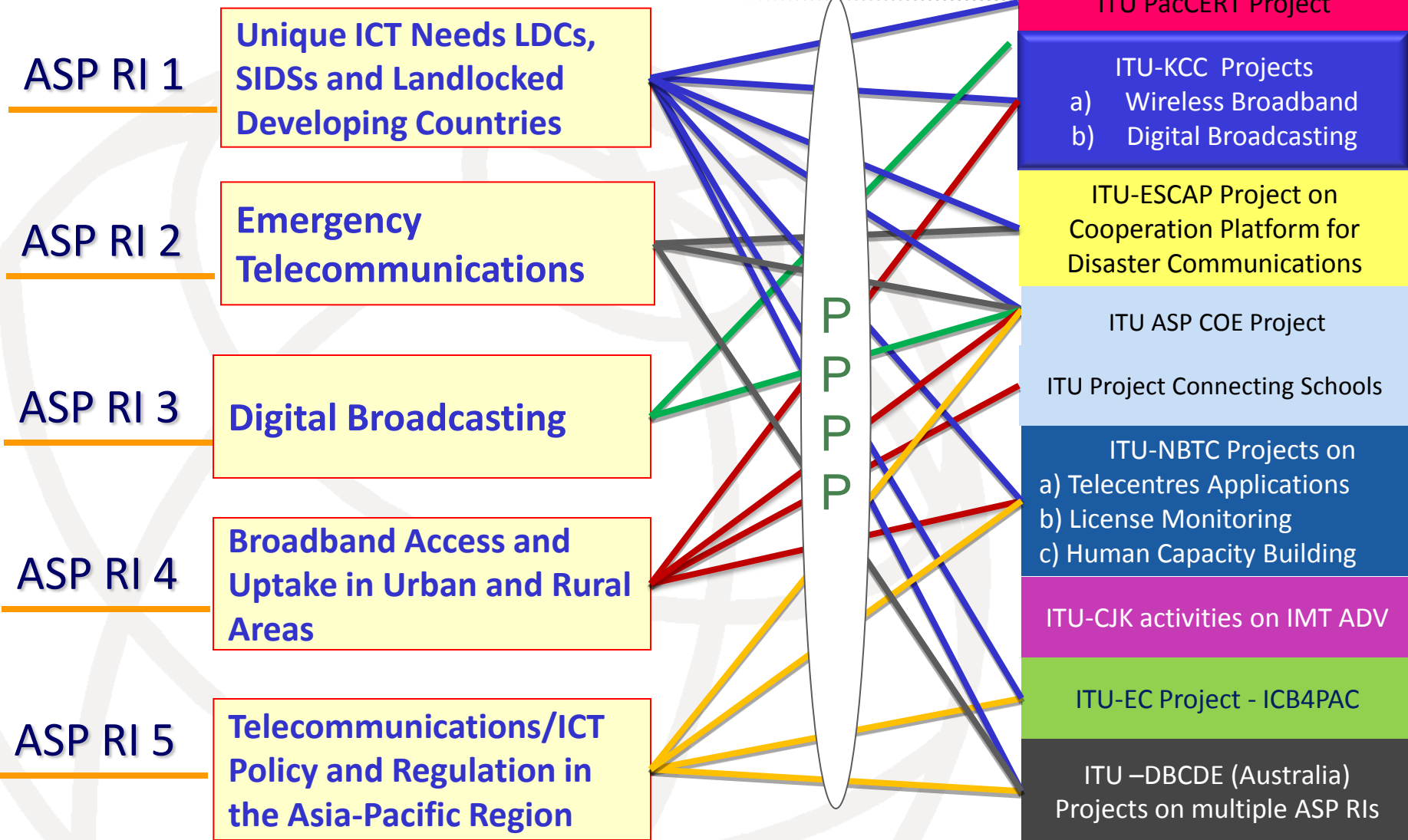
ASP RI 5

Telecommunications/ICT Policy and Regulation in the Asia-Pacific Region

→ To assist Member States in developing of appropriate policy and regulatory frameworks, enhancing skills, increasing information sharing and strengthening regulatory cooperation. .
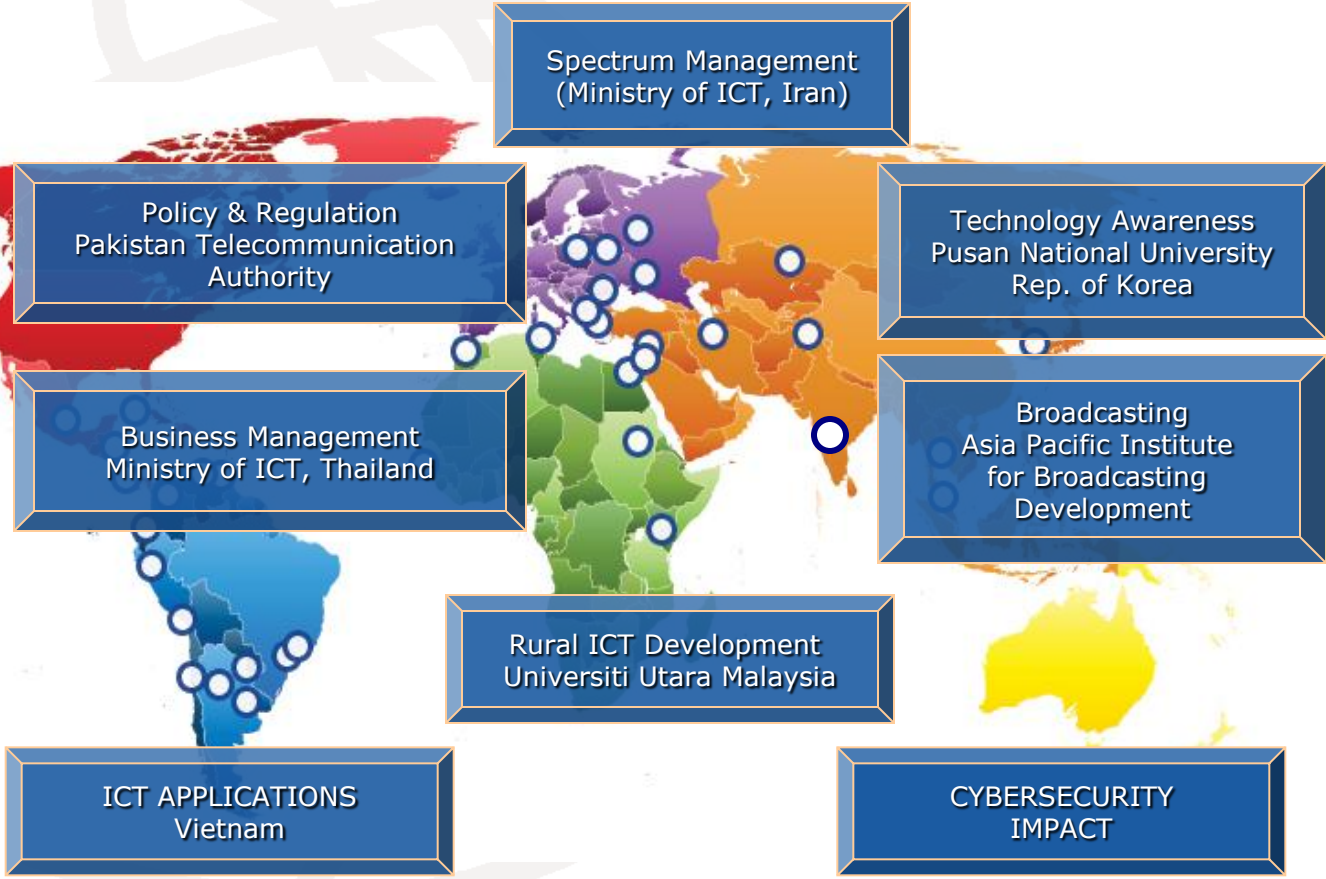
ITU Asia-Pacific Centres of Excellence offers
specialized training opportunities at low or no fees

2010-2011

✓ **11 Trainings/ Workshops,**

✓ **4 Online Trainings,**

✓ **Over 500 trainees,**

✓ **2 additional Nodes**

Asia-Pacific

Spectrum Management
(Ministry of ICT, Iran)

Policy & Regulation
Pakistan Telecommunication
Authority

Technology Awareness
Pusan National University
Rep. of Korea

Business Management
Ministry of ICT, Thailand

Broadcasting
Asia Pacific Institute
for Broadcasting
Development

Rural ICT Development
Universiti Utara Malaysia

ICT APPLICATIONS
Vietnam

CYBERSECURITY
IMPACT

2012 Planned Activities in Asia-Pacific

ITU Asia-Pacific Events in 2012

Title	Date	Venue	Potential Partners
ITU Training on Satellite Filing & Launching	[February]	Thailand	MICT
ITU Training and Regional Workshop on Transition from Analog to Digital Terrestrial TV Broadcasting	27 Feb – 2 March	Thailand	NBTC
Asia-Pacific Preparatory for WTSA & WCIT	Mar	Australia	APT/TSB
Regulators' Roundtable & ITP 2012	26-30 March	[India]	TRAI, DOT, DBCDE
Asia-Pacific Development Forum	TBD	TBD	BST/TSB/BR
ABU-AIBD-ITU IPTV Applications	26-28 May	Thailand	ABU, AIBD
Pacific Forum on Broadband Access and Applications	[Jun]	[Fiji]	CTO, PITA, SPC
ITU/IDA Training on Policy and Regulations	[Aug]	Singapore	IDA
10th World Telecommunication/ICT Indicators Meeting (WTIM) 2012	[Sep]	Thailand	MICT
UNESCO/ITU High-level on ICT for Education	[Sep]	[Thailand]	UNESCO
ITU/ABU Forum on Gender and ICTs	14-17 Oct	R.O.Korea	ABU
Regional Forum on ICT applications & security	TBD	Malaysia	MCMC

ITU Asia-Pacific Direct Country Action (2012)

Title	Beneficiary Countries	Potential Partners
Development of a "National Broadband Master Plan"	Iran, Indonesia, Pakistan, Philippines, Bhutan	DBCDE
Assistance in Spectrum Management and Policy	PNG, Cambodia, Myanmar, Lao	DBCDE
Roadmap on migration to "Digital Broadcasting"	ASP countries	DBCDE
Review/Development of Cybersecurity Strategy	ASP countries	DBCDE
Impact Study of the Common Services Centre Scheme	India	
Assistance in Enacting Telecom Laws	Cambodia	DBCDE
ICT accessibility for Persons with Disabilities	Afghanistan, Nepal	
Development of Universal Service Policy and Fund	Myanmar, Philippines, ASEAN	ASEAN
ITU/PITA capacity building on strategic management for telecommunication	Pacific Islands Countries	PITA
Train the Trainers Course on ICTs for local government officials of ASEAN	Cambodia & ASEAN	ASEAN, NIA
ICT applications and services for local communities	Pacific Islands Countries	DBCDE
Assessment framework and assistance in national emergency telecommunication plan development	Asia-Pacific countries	DBCDE
Assistance in Early Warning System	Mongolia & Land-locked countries	DBCDE

ITU Asia-Pacific Centres of Excellence (2011)

Training Workshops	Dates	Node	Partners	Venue
Workshop on Human Resource Management Skills for telecom organizations in the Pacific	15-17 March		PITA	Fiji
Migrating licenses in a converged environment	5-8 April	PTA	MCMC, DBCDE	Malaysia
IMT Advanced	25-28 April	PNU	China, Japan, Rep of	Rep of Korea
Sustainability of Telecentres	23-25 May	UUM, Viettel	Telecentre.Org, Intel,	Thailand
Spectrum Management in Converged Environment	14-17 June	MICT-Iran	NBTC	Thailand
IPv6 Migration Strategy	25-28 July	MICT - Thailand	APNIC, NAv6, TOT	Thailand
Broadband Policy & Regulation	2-5 August	PTA	NBTC	Thailand
Mobile Value Added Service	10-11 October	Viettel / MIC		Vietnam
Securing Networks	1-4 November	IMPACT	DBCDE	Malaysia
Rural Broadband Infrastructure Funding	14-17 November	UUM	DBCDE	KL, Malaysia
Quality of Service for Mobile Networks	28-30 November	PTA	CAM	Maldives

Online Training Courses	Dates	Node	Partner	Venue
Interconnection Cost Modeling	21 January - 4 March	PTA		ITU Academy Portal
Spectrum Charging Mechanism	12 September - 20	PTA		ITU Academy Portal
Migration to IPv6	28 November - 25	PNU	NAv6	ITU Academy Portal

ITU Asia-Pacific Centres of Excellence (2012)

Training Workshops	Dates	Node	Partners	Venue
NGN Business Planning	17-20 January	MICT - Thailand		Thailand
Migration to Digital Terrestrial TV Broadbcasting	27 Feb - 1 March	AIBD	NBTC	Thailand
Converged IP Network Technologies	February /March	PNU	TRAI	Rep of Korea / India
Regulating Value Added Services	February / March	PTA		Vietnam/Thailand
Complying with security conditions and procedures in Telecom Services		PTA		
Strategic Telecommunication Management for Pacific Islands Countries	April		PITA	Pacific
Certified Network Engineer in IPv6	April	MICT, Thailand , UUM	NAv6	Penang, Malaysia
Spectrum Management	April / May	MICT Iran		
IPTV Applications and Business	26-28 May	MICT, Thailand / AIBD		Bangkok, Thailand
Applications on Cloud Computing	June	MIC/Viettel, UUM	TRAI / BSNL	Vietnam
SecurityCore	June	IMPACT	NAv6	Malaysia
IPv6 network migration strategy for telecom service provider	23 - 27 July	MICT, Thailand	APNIC	Bangkok, Thailand
Wireless Broadband Network Planning	August	PNU / MICT Thailand / MICT Iran		Thailand
International Mobile Roaming	September /October	PTA		
Broadband Quality: Technical Standards and Measurements	September /October	PNU	TRAI	Rep of Korea / India
Developing creative content for Rural Community"	24-26 September	UUM	AIBD	Malaysia
New value chain in mobile application services	November	MIC/Viettel		Vietnam

Online Training Courses	Dates	Node	Venue
DTTB Technologies	30 January - 9 March	AIBD	ITU Academy
Consumer Protection from UCE, Spamming	February	PTA	ITU Academy
Digital Media Broadcasting Technologies	1 October - 11 November	AIBD	ITU Academy
Universal Access to Broadband	5 November - 16 December	UUM	ITU Academy

Potential Areas for Cooperation

Areas for Cooperation

- **Emergency Telecommunications and Disaster Management**

- **Broadband Policy and Plan**

- **Cyber Security, Child Online Protection**

- **Digital Broadcasting**

- **ICT Services and Applications**

- **Rural ICT Development**

- **Human Capacity Building on ICT-related matters**

- **etc**

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Thank

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