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# ASEM DF Workshop on Building an Inclusive Information Society

Kuala Lumpur  
1 & 2 December 2009

Support for the Establishment of Harmonized Policies  
for the ICT in the ACP

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# ITU in brief

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- Leading United Nations Agency for ICTs
- 191 Member States, 580 Sector Members
  - 38 Member States and 125 Sector Members in Asia Pacific (60 ITU-D)

## ITU-D: Your Partner for ICT Development

- ITU-D is a catalyst for multi-stakeholder projects & partnerships
- Mobilize human, technical and financial resources
- Neutral broker between government and industry
- Executing agency for project implementation and expert assistance to countries



# ITU World Telecommunication Development Conference (2007-2010)

## Six Operational Programmes

### Programme 1: Regulatory reform

Programme 2: Information and communication infrastructure and technology development

Programme 3: E-strategies and ICT applications

Programme 4: Economics & financing, including costs and tariffs

Programme 5: Human Capacity Building

Programme 6: Least developed countries (LDC) and Small Islands Developing States (SIDS), and emergency telecommunications

## Special Initiatives

Gender, Children and Youth, Indigenous people and communities, Persons with disabilities, Communities living in Remote/Underserved areas

## 5 Asia-Pacific Regional Initiatives



Asian Development Bank



Servei de Telecomunicacions d'Andorra



MIC

Japan



European Commission



Australian Government  
Department of Broadband,  
Communications and the Digital Economy



NTC

Thailand



IDA

Singapore

Delivery Mechanisms



Seminars & Workshops

Direct Country Assurances

Human Capacity Building Trainings / Fellowships

Deployment of Infrastructure



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# ITU D: 5 Asia-Pacific Regional Initiatives (2007-2010)

ASP Regional Initiative 1  
Telecommunication/ICT policy and regulatory cooperation in the Asia-Pacific region

ASP Regional Initiative 2  
Rural Communications - Infrastructure development

ASP Regional Initiative 3  
Next Generation Networks (NGN) planning

ASP Regional Initiative 4  
The unique telecommunication/ICT needs of Pacific islands and small island developing states (SIDS) in the Asia-Pacific region

ASP Regional Initiative 5  
Strengthening the collaboration between ITU-T and ITU-D

## Funding

*Doha Action Plan (DAP)*  
*ITU-D Annual Operational Plan*

*RI Linked Projects (RI & External Funds)*

*ICT Development Fund*

## Delivery Method

*Seminars & Workshops*

*Country Specific Human Capacity Building Trainings / Fellowships*

*Deployment of Infrastructure*

*Study Questions*

Through PPP



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# ITU-D and EC Project: a new transversal approach<sup>5</sup>

ITU and the EC signed in December 2007 a **global project** which aims at providing “*Support for the establishment of harmonized policies for the ICT market in the ACP states*”

Sub-projects	Acronym	Duration
Project global management (Mr. Sandro Bazzanella)		4 years
1. Support for harmonization of the ICT Policies in <b>Sub-Sahara Africa</b> (Mr. Jean-François Le Bihan)	<b>HIPSSA</b>	3 years
2. Enhancing competitiveness in the <b>Caribbean</b> through the harmonization of ICT Policies, Legislation and Regulatory Procedures (Ms. Kerstin Ludwig)	<b>HIPCAR</b>	3 years
3. Capacity Building and ICT Policy, Regulatory and Legislative Frameworks Support for <b>Pacific Island Countries</b>	<b>ICB4PIS</b>	2 years



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# ITU-EC Project Objectives

- **Global objective:** to provide support towards creating harmonised policies for ICTs and an efficient regulatory environment, conducive to massive investments required by ICT infrastructures and applications in the ACP countries;
- **Detailed objectives:**
  - Developing and promoting ICT market policies and guidelines for individual ACP Countries
  - Supporting the regional organizations and *creating a regional policy, legal and regulatory dynamism taking into account regional specificities and benefiting from international best practices*
  - Building human as well as institutional capacity in the field of ICT through a range of targeted training, education and knowledge sharing measures
- The methodology facilitates and consolidates the **ownership** of the project by the beneficiary countries;
- In general terms, this project will pay specific attention to **link** the substance of policy and regulation to **Capacity Building**.



# Methodology

- **Scope** of the Action: address at the same time a region, its sub-regions and its countries;
- **Ownership**: demand driven/bottom up approach:
  - A **launching meeting (Kick Off)**: convene all stakeholders: validate (i) the project's global approach, (ii) the priorities and (iii) its operational structure;
  - A **Regional Steering Committee** (depending on the complexity of the Action and the view of the Stakeholders): adopt a detailed work programme & plan of action.
- **Mapping the other on-going programs** in the region - avoid duplication, ensure complementarities and coherence;
- **ITU Neutrality** in the debates;
- Creation of a **regional dynamic** (large scale projects with transversal approach, coherence, continuity, impact and visibility);



# Project Implementation at Regional Level

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Topic by Topic:

- **Assessment** current situation;
- Review of **regional best practices**;
- Comparison with **international best practices**;
- open discussion on the **pros and cons of each model**  
(stakeholders deciding on the best model suited for their region)
- Definition of **Policies** (building blocks);
- Legislative and regulatory **guidelines**
- A first raw of **institutional and human capacity building**



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# Project implementation at National level

Further to the completion of the Regional activities:  
**in-country support**

- **Appropriation** of harmonized regional framework by stakeholders in each beneficiary country
- **Transposition of regional guidelines** into the national legislative and regulatory frameworks of beneficiary countries in coherence with the national strategies of each of them
- A second row of institutional & human capacity building at national level (with **national experts**)



# Sub Project 1: HIPSSA (Sub Sahara Africa)

Adoption of a **common list of priorities** articulated around eight (8) main subjects:

- Licensing;
- Universal Service and Access;
- Frequency management;
- Numbering management;
- Interconnection;
- Cyber-security;
- Statistics Collection/Monitoring (Implementation Report);
- Analog to Digital Broadcasting Migration;

**Modular implementation** of these priorities based on four (4) geographical sub regions - West, Central, Eastern and Southern Africa in order to reflect the heterogeneity between the sub regions;

**Incorporation** of all past and current sub-regional initiatives & international organisations programmes in order to increase efficiencies and avoid duplications/overlapping



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# Sub Project 1: HIPSSA - Template

Geographical Region Coordinating REC		CONTINENTAL POLICY ( C )							CONTINENTAL	
		REGIONAL HARMONIZATION ( R )				NATIONAL IMPLEMENTATION ( N )				REGIONAL
		POL	LEG	REG	HCB	ADV	TEC	VAL	HCB	MON
		POLICY FRAMEWORK	LEGAL FRAMEWORK	REGULATORY GUIDELINES	TRAINING	ADVOCACY	TECHNICAL ASSISTANCE	VALIDATION / ADOPTION	TRAINING	MONITORING / EVALUATION
LIC	LICENSING									
USO	UNIVERSAL SERVICE / ACCESS									
FREQ	SPECTRUM MANAGMT									
	CROSS-BORDER PLANNING (HCM)									
NUM	NUMBERING									
INTERCO	NATIONAL INTERCO.									
	INTERNATL INTERCO.									
	COST MODEL / FINANCIAL AUDTING									
	ROAMING									
CYB	CYBERSEC.									
	CERT									
STAT	ICT INDICATORS DATABASE									
ADBIM	ANALOG TO DIGITAL BROADCASTING MIGRATION									



Already fully implemented and organisations involved are metnionned.



Partially implemented but some supplementayr actions are planned



Partially implemented or under process supplementayr actions are to be planned



To be implemented by the project in collaboration with mentionned organisations but on a subset of the listed subjects

Beneficiary countries are offered to chose two out of the five first main subjects or combined some into two seperae sessions.



To be implemented by the project in collaboration with the mentionned organisations



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## Sub Project 2: HIPCAR (Caribbean)

Adoption of a list of a **common list of priorities** grouped in three working groups:

- **ICT Policy:**
  - data protection;
  - eEvidence;
  - eTransaction;
  - Cybercrime;
  - freedom of information and interception of communication;
  
- Revision of various **Telecommunications Acts:**
  - Universal Service Framework;
  - Licensing Guidelines in a convergent environment;
  - Interconnection Guidelines.
  
- **eGovernment** (in collaboration with CARICAD)



## Sub Project 3: ICB4PIS (Pacific Islands States)

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- **Kick of Meeting** on 26-27 November 2009 (Nandi, Fiji).
- Adoption of a **common list of priorities**;
- **Light government/management structure** (no steering committee but intensive use of national focal points)



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# Thank you for your attention

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[http://www.itu.int/ITU-D/projects/ITU\\_EC\\_ACP/index.html](http://www.itu.int/ITU-D/projects/ITU_EC_ACP/index.html)



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# ANNEX

## ITU ASIA PACIFIC Agenda



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# ITU Asia-Pacific: Major Events (2009)

EVENTS	DATE	VENUE
Pacific ICT Ministerial Forum: Connecting the Unconnected	17-20 Feb	Tonga
NGN Workshop	7-10 Apr	Sri Lanka
ITU Asia-Pacific Regional Meeting (RPM) for World Telecommunication Development Conference 2010	5-7 May	Malaysia
ICT Measurement Issues, Challenges and Way Forward	12-14 May	India
ITU/MIC Strategic Dialogue on Safer Internet Environment for Children	2-3 Jun	Japan
ITU Workshop on New Technologies and Applications	14-18 Jun	Iran
ITU Regional Development Forum (RDF) for Asia-Pacific	27-29 Jul	Indonesia
ITU/IDA Executive Training Programme for Enabling ICT Frameworks	3-7 Aug	Singapore
ITU-ABU Regional Workshop on Digital Radio Implementation for Developing Broadcasters	4-7 Aug	Malaysia
ITU-ASEAN Mobile Commerce Forum	12-13 Aug	Indonesia
ITU-ESCAP Workshop on ICT Accessibility for People with Disabilities	25-27 Aug	Thailand
ITU-MCIT Regional Cybersecurity Forum for the Asia-Pacific	23-25 Sep	India
ITU-MIIT High-level Seminar on Interdependence between industrialization & ICT	19-20 Nov	China PRC
ITU-ACMA International Regulatory Training Programme	30 Nov – 4 Dec	Australia
ITU Workshop on Telecommunication/ICT Policy and Regulations for Newly Established Regulators	8-9 Dec	Vietnam
ITU Subregional Telecommunication Ministerial Forum for CLMV Countries	10-11 Dec	Vietnam
ITU Regional Forum on Human Capacity Development in Asia-Pacific Region	14-17 Dec	Brunei



# ITU Asia-Pacific: Country-Specific Actions (2009)

Country Specific Actions	Beneficiary
Spectrum Management	Brunei
Development of ICT Applications for Rural Areas	Nepal
Establishment of the PacificCERT	Pacific
Costing Model for ICT Facilities and Services	Bhutan
Assistance in Policy and Regulation to ANPT	Lao PDR
Establishment of National Internet Exchange & AfCERT	Afghanistan
MIS and Statistical Tools	Bangladesh
NGN Access Network Planning: A Case Study of TOT's Network	Thailand
Study of Determination of Significant Market Power	Bangladesh
Study on Technology & Options for Connectivity	Maldives
Spectrum Management and Policy	Cambodia
Frequency Monitoring	Timor Leste
Spectrum Management	Papua New Guinea
NGN Policy & Regulation	Mongolia
Telecom/ICT Policy Advice	Samoa
Training Facilities in DPR Korea	DPR Korea



# ITU Asia-Pacific CoE Programmes (2009)

## Part of ITU Academy

Trainings	Dates (2009)	Node	Fees (USD)	Location
Broadband Technologies for Rural ICT Development	21 Jan - 26 Feb	UUM	Free	Online
NGN Planning and Migration	2 - 5 March	PNU	300	PNU, Pusan
Fundamentals of M-Wi-Max/ WiBro Technologies (2 editions)	22 June - 31 July 13 July - 21 Aug	PNU	Free	Online
Spectrum Management and National Frequency Allocations Table (3 editions)	4 July - 7 Aug 1 Aug - 11 Sep 14 Sep - 24 Oct	MICT, I.R. Iran	Free	Online
Network Cost Modeling for Pacific Islands Countries	20 - 24 July	ITU/PITA	Free	Auckland
Strategic HR Management	1 Sept - 9 Oct	MICT Thailand	Free	Online
4G Mobile (IMT Advanced) System and applications	tbd	PNU	400	PNU, Pusan
Spectrum Pricing for IMT Services	29 Sept - 2 Oct	MICT, I.R. Iran	400	TCI, Esfahan
QoS Parameters for CMT Service	5 Oct - 14 Nov	PTA	Free	Online
Universal Service Policies and Practices	20 Aug - 3 Oct	UUM	Free	Online
Universal Service & Access and Rural Broadband	12 -15 Oct	UUM/NTC	Free	Bangkok
ICT Statistics on Households and Individuals	19 - 23 Oct	MICT Thailand	400	ToT Academy, Bangkok
Interconnection & Cost Modeling	9 - 13 Nov	PTA/ MICT Thailand	Free	ToT Academy, Bangkok
Interconnection & Cost Modeling	23 Nov - 25 Dec	PTA	Free	Online
Efficient Utilization of Spectrum for Cellular Mobile	28 Nov - 1 Dec	MICT, I.R. Iran	400	TCI, Esfahan
Best Practices of Collective Rural ICT Initiatives	1- 4 Dec	UMM	400	UUM, Keddah



# ITU Asia-Pacific CoE Programmes (2009)

## Part of ITU Academy

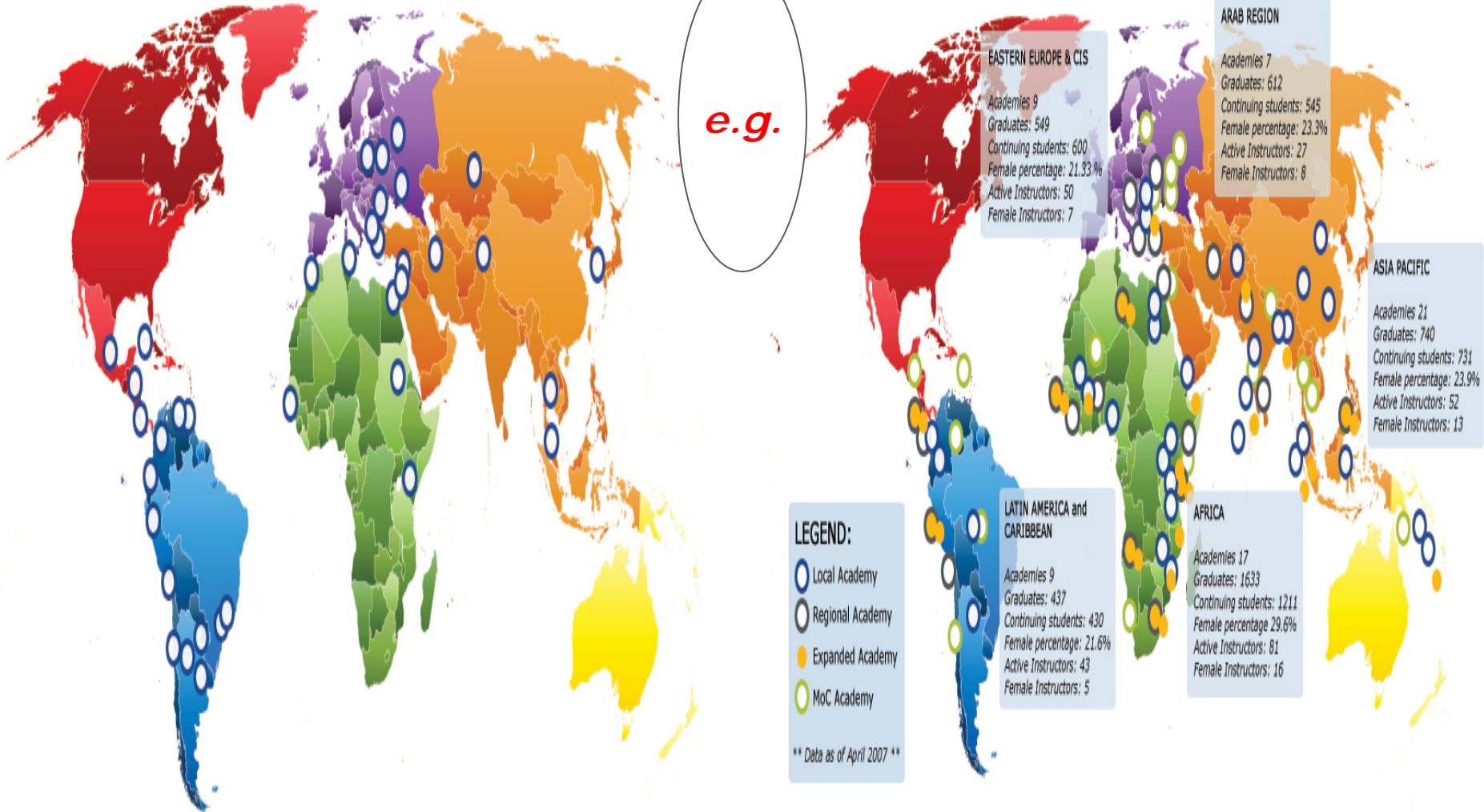
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## ITU Centres of Excellence

## Internet Training Centres

*e.g.*



*world-wide networking & platform*



# ITU Asia-Pacific Country Specific Actions Planned 1: (2010)

Direct Country Assistance	Beneficiary
Numbering Plan	Cambodia, Tonga, Solomon Islands
Assistance on Establishment of TRA	Vietnam
Universal Service Obligation	Tonga
Assistance in Telecom/ICT Regulations	Solomon Islands
Pilot project on broadband over power lines	Bhutan
Broadband Infrastructure Master Plan	DPR Korea
IPTV Services	Nepal
Spectrum Management	Nepal, Tonga, Solomon Islands
E-Government Network and Applications	Vanuatu, F.S. Micronesia, Solomon Islands
Cybersecurity Legislation	Thailand
Capacity Building in ICT	Afghanistan, Myanmar, Maldives
National ICT Strategic Plan	Lao PDR
Disaster Mitigation e.g. Tsunami alert system	Tonga
Conducive and Enabling ICT Legal Framework	Kiribati
Rural Internet Connectivity Systems (RICS)	Pacific Countries



## ITU Asia-Pacific Country Specific Actions Planned 2: (2010)

Direct Country Assistance	Beneficiary
Establishment and Maintenance of ICT Indicators Database	Philippines
ICT Policy Roadmap for Persons with Disabilities	Thailand
Rural Communication Development (2009-2010)	Cambodia, Mongolia, India, the Philippines, P.R. China, Rep. of Korea, Sri Lanka
Universal Service Obligation (2009-2010)	Thailand
NGN Planning and Migration	Sri Lanka India
Quality of Service of telecom networks	Bangladesh
Unified Licensing Framework	Bangladesh
Pacific CERT	Pacific
Pacific Regional Resource Centre	Pacific



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