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**TITLE:** Complementary Information to reference document RPM-ASP09/03Rev1-E referred to in the Report on Implementation of Doha Action Plan (DAP) Programmes, Study Groups, Activities and Initiatives in the Asia Pacific Region

## **I Background**

The main objective of this document is to complement the information of reference Document RPM-ASP09/03Rev1-E, considering that several activities were implemented in the Asia Pacific Region after the preparation of the said document (24 April 2009) and after the realization of the Asia Pacific Regional Preparatory Meeting that was held in Kuala Lumpur, Malaysia, from 5 to 7 May 2009.

This document refers to reference document RPM-ASP09/03Rev1-E, respecting its numbering and only provides information on those activities which status differ from the information provided in the reference document.

## **II. DAP Programmes and Study Groups** (page 02 of Document RPM-ASP09/03Rev1-E)

Programme 1- Regulatory Reform (page 2 of Document RPM-ASP09/03Rev1-E)

1.5 Partnerships are paramount to supporting Programme 1 activities in order to have a greater impact and better serve those needing assistance. Notable examples include partnerships with, inter alia, Department of Broadband, Communications and the Digital Economy (Australia), the European Commission, World Bank and ITU *infoDev*.

### **1.6 Activities specific to ASP region** (page 4 of Document RPM-ASP09/03Rev1-E)

Some of the regional activities carried out in areas of Regulatory Reform in Asia Pacific region after the preparation of [RPM-ASP09/03Rev1-E](#) are as follows:

- [Subregional Telecommunication Ministerial Forum](#) for Cambodia, Lao PDR, Myanmar and VietNam was held in VietNam on 11-12 December 2009 with support from the Department of Broadband, Communications and the Digital Economy (DBCDE), Government of Australia. The Forum adopted a Communique.
- [Australian Communications and Media Authority – International Telecommunication Union](#) International Training Programme, was held in Melbourne, Australia from 30 November - 4 December with support from the Department of Broadband, Communications and the Digital Economy (DBCDE), Government of Australia.
- Regional Trainings were also held under the [ITU Asia Pacific Centres of Excellence Network](#) in the areas of regulatory reform.

The following additional national activities were carried out in the Asia Pacific region in 2009 and are mentioned here as an update of information on page 4 in RPM-ASP09/03Rev1-E.

- **Afghanistan:** Assistance on establishment of Internet Exchange and assessment of AfCERT was carried out;
- **Bhutan:** Assistance was provided on Cost Modelling and Interconnection to BICMA. Also, BDT signed a Cooperation Agreement with One Laptop Per Child (OLPC), to connect and educate children in Bhutan in the use of ICT. A comprehensive training was organised, which benefited about 300 students and 20 teachers. OLPC provided 200 XO Laptops to connect 24 schools in rural and remote areas of Bhutan. ITU and the 50x15 Foundation provided additional 44 Laptops under the ITU-AMD Learning Labs project as well as training support for the 20 schools. In addition, UNICEF also provided 25 XO Laptops while ITU facilitated the training for eight school teachers identified by UNICEF;

- **Bangladesh:** Assistance was provided to the Bangladesh Telecommunication Regulatory Commission (BTRC) on Determination on Significant Market Power and Development of MIS and ICT Statistical Indicators;
- **Brunei Darussalam:** Assistance was provided to the Authority for Info-communications Technology Industry (AITI) on Policy, Regulatory and Institutional Frameworks on Spectrum Management;
- **Sri Lanka:** Assistance on Interconnection Determination for TRCSL;
- **Thailand:** Trainings on Universal Access and Rural Broadband, Competition Issues and NGN Policy & Regulatory issues were organized in 2009 under projects with the National Telecommunications Commission. Out of these, the training on Universal Access and Rural Broadband was open to other Members of the Asia Pacific region as well.

**Programme 2 – Technologies and telecommunication network development** (page 4 of Document RPM-ASP09/03Rev1-E)

The following additional activities were carried out in the Asia Pacific region in 2009 and are mentioned here as an update of information on page 6 in RPM-ASP09/03Rev1-E.

**2.7 Activities specific to ASP region** (page 6 of Document RPM-ASP09/03Rev1-E)

**- Spectrum**

- Training courses (two face-to-face and three online) on Spectrum related issues were held under the ITU Asia Pacific Centres of Excellence Spectrum Management Node.
- **Papua New Guinea:** Assistance was provided to Papua New Guinea in the area of spectrum management
- **Bhutan:** Assessment on Digital Broadcasting Migration for migration from analogue to digital technologies in Bhutan was carried out.

**- Network Planning**

- **[ITU Regional Development Forum on NGN and Broadband: Opportunities and Challenges](#)** (27-29 July 2009, Yogyakarta, Indonesia): The ASP RDF was organized with an objective to inform participants of the latest developments in telecommunication/ICT especially developments in NGN and Broadband and to become familiar with ITU activities, in particular those of the Study Groups. The RDF was conducted by all Sectors in the ITU jointly by sharing in-depth knowledge on various aspects of NGN relating to the development, standardization and radiocommunication aspects which are integral part of NGN. It was attended by 110 delegates from 17 countries.
- **[Workshop on Next Generation Network Planning, Migration and Applications](#)** (14 - 18 June 2009, Tehran, I.R. Iran): The regional workshop was attended by 54 delegates from 13 countries. It addressed issues pertaining to NGN Planning, Migration and Applications as well as the need for capacity building in the Asia-Pacific region from the perspectives of policy makers / regulators and operators.
- **ITU-ASEAN Mobile Commerce Forum** (12-13 August 2009, Jakarta Indonesia): In partnership with ASEAN, the Forum was organized to discuss the technical, legal/policy and banking aspects of mobile commerce. 105 delegates from ASEAN countries, Japan, Rep. of Korea and Russia participated in this Forum.
- **Technical study and business case on NGN Access Network Planning** for TOT Public Company Limited, Thailand was carried out and published on ITU-D Website and the outcome was also submitted to the ITU-D Study Group Q.19-1/2.

- **Training Course on NGN Planning and Migration** was held in Republic of Korea (2009) in partnership with the Pusan National University, the ITU ASP CoE Technology Awareness Node.
- **Mongolia:** Assistance was provided to Mongolia in the area of NGN policy and regulatory development.
- **Maldives:** Technical assistance was provided to the Communication Authority of Maldives on Study on Technology & Options for Connectivity.
- **Nepal:** Technical assistance was provided on IP CDMA Radio and Core Network Planning to Nepal Telecom, Nepal

#### - Mobile terrestrial communications

- Together with the ITU ASP CoE Technology Awareness Node, a **Training Workshop on 4G Mobile (IMT Advanced) Systems and Applications** was held while online courses were carried out on "Fundamentals of Mobile Wi-Max / WiBro Technologies" which raised technical awareness of participants in the area of mobile terrestrial communication technologies.

### Programme 3 – E-Strategies and ICT Applications (page 7 of Document RPM-ASP09/03Rev1-E)

The following additional activities were carried out in the Asia Pacific region in 2009 and are mentioned here as an update of information on page 10 in RPM-ASP09/03Rev1-E.

#### 3.6 Activities specific to ASP region (page 10 of Document RPM-ASP09/03Rev1-E)

- [ITU Regional Cybersecurity Forum for Asia-Pacific](#) was held in Hyderabad, India from 23-25 September 2009. The Forum, which was hosted by the Department of Telecommunications (DOT), Government of India and supported by the DBCDE, Government of Australia.

### Programme 4 – Programme 4 – Economics and finance including costs and tariffs (page 10 of Document RPM-ASP09/03Rev1-E)

The following activities were carried out in the Asia Pacific region in 2009 and are mentioned here as an update of information on page 12 of Document RPM-ASP09/03Rev1-E.

#### 4.6 Activities specific to ASP region (page 12 of Document RPM-ASP09/03Rev1-E)

- The Regional [ITU Expert Level Training on Network Cost Modelling](#) was held in Bangkok from 9-13 November 2009, which trained more than 60 participants.
- **Bhutan:** Assistance was provided to Bhutan in the area of cost model development in coordination with BICMA.

### Programme 5 – Human Capacity Building (page 12 of Document RPM-ASP09/03Rev1-E)

The activities pertaining to Asia-Pacific region including those carried out after the preparation of RPM-ASP09/03Rev1-E are as follows:

#### 5.5 Activities specific to ASP region (page 14 of Document RPM-ASP09/03Rev1-E)

Activities undertaken by Programme 5 are generally global in nature and benefit all regions. However, during the 2007 – 2009 reporting period, five ITU Centres of Excellence nodes were functional in the ASP region, targeting specific telecommunications/ICT themes including policy and regulation (PTA, Pakistan); spectrum management (MICT, Iran); rural ICT development (UUM, Malaysia); technology awareness (PNU, Rep. of Korea); and business management (MICT/ToT Academy, Thailand) while a sixth Node on Broadcasting was approved by the ITU ASP CoE Management Committee in December 2009. Twenty (20) face-to-face and sixteen (16) e-learning courses were held in that period for over 1000 participants.

In addition, regional training programs such as the ACMA/ITU International Training Programme, was held in Melbourne, Australia (30 November-4 December) and supported by the Department of Broadband, Communications and the Digital Economy. Workshops on human resource management issues and network cost modelling for the Pacific region were also held in partnership with PITA, who in February

2009 has become a partner in the CoE-ASP network. It can be noted that human capacity building emerged as a major theme (particularly with regard to policy and regulatory issues) at the [Pacific ICT Ministerial Forum](#) held in February 2009 in the Kingdom of Tonga, where an ITU Internet Training Centre was also inaugurated. The Forum was attended by 13 ministers from Pacific Island Countries, including two prime ministers. In a Ministerial Communiqué, participating governments called for greater coordination among partners to minimize overlap and maximize the impact of investments in ICT development projects.

[ITU Regional Human Capacity Development Forum for Asia-Pacific](#) was held from 14-16 December 2009 in Brunei Darussalam. The Forum, hosted by the Authority for Info-communications Technology Industry of Brunei Darussalam (AITI), was attended by 84 participants from 40 entities (Members, Secor Members, UN Agencies, Other Observers and ITU Secretariat). The Forum was followed by the 3<sup>rd</sup> ITU Asia Pacific Centres of Excellence Management Committee Meeting on 17<sup>th</sup> December 2009.

**DPR Korea:** Assistance was provided to DPR Korea in terms of technical resources, i.e., training equipment and study materials for the Telecom Centre in DPR Korea.

**Programme 6 – Special programme for least developed countries, small island developing states, and emergency telecommunications** (page 14 of Document RPM-ASP09/03Rev1-E)

Some of the activities carried out in Asia Pacific region under Program 6 after the preparation of document RPM-ASP09/03Rev1-E are given below.

**6.4 Activities specific to ASP region** (page 17 of Document RPM-ASP09/03Rev1-E)

*Least Developed Countries and Small Island Developing States*

- **Lao PDR:** In 2009, Lao PDR received assistance in connection with the preparation of its draft National ICT Law and support in the public consultation process.
- **Afghanistan:** Afghanistan received assistance in establishment of National Internet Exchange in Kabul in 2009 along with training on operational aspects of Internet Exchange organised in Indonesia.

*Emergency Communications*

Upon request from Member States that were hit by disasters, ITU deployed communications equipment in the South Pacific which was hit by a tsunami on 29 September 2009, and in Indonesia (Padang) following a very strong earthquake in September 2009.

**III. DAP Activities** (page 20 of Document RPM-ASP09/03Rev1-E)

**1 Activity 1 – Statistics and information on telecommunication/ICT**

**1.6 Activities related to the Asia-Pacific Region** (page 21 of Document RPM-ASP09/03Rev1-E)

**Regional Training Course on “Measuring ICT Access and Use by Households and Individuals”** was held from 19-23 October 2009 jointly by ITU and LirneAsia under ITU ASP CoE framework and was hosted by the Ministry of ICT, Thailand.

**IV Special initiatives** (page 23 of Document RPM-ASP09/03Rev1-E)

**2.7 Activities specific to ASP region** (page 26 of Document RPM-ASP09/03Rev1-E)

– Gender Initiatives:

**Philippines and Bhutan:** ICT Training Tools to promote the livelihood of rural women have been developed and delivered in the Philippines in Dec 2009 while training in Bhutan scheduled in March 2010.

This Action which is undertaken in partnership with the Asia Pacific Women's Information Network (APWINC) and with support from the Department of Broadband, Communications and the Digital Economy (DBCDE), Government of Australia. is also linked to the ITU Special Initiative on Connect a School, Connect a Community.

– Persons with Disabilities Initiatives:

**Asia-Pacific Regional Forum on Mainstreaming ICT Accessibility**: In August 2009, BDT jointly with UNESCAP organized the Regional Forum on Mainstreaming ICT accessibility for persons with disabilities in Bangkok, Thailand sharing experiences and best practices that raised awareness among members and other stakeholders to meet the ICT needs of persons with disabilities in accordance with the UN Convention on the Rights of Persons with Disabilities<sup>1</sup>. The forum was successfully attended by about 140 participants from 21 countries and follow-on actions have been planned in the following years.

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<sup>1</sup> <http://www.itu.int/ITU-D/sis/PwDs/>