

**ITU-D Regional Development Forum for
the Asia Pacific Region
“NGN and Broadband, Opportunities and Challenges”
Yogyakarta, Indonesia, 27 – 29 July 2009**

Outcomes of the Asia Pacific RPM for WTDC 2010

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Agenda

- Asia Pacific RPM for WTDC 2010
- Report on Implementation of DAP Programmes, Activities and Asia-Pacific Regional Initiatives (2007-2009)
- Proposals for BDT Future Work from the Asia Pacific RPM
- Ways Forward: Getting Closer to WTDC 2010

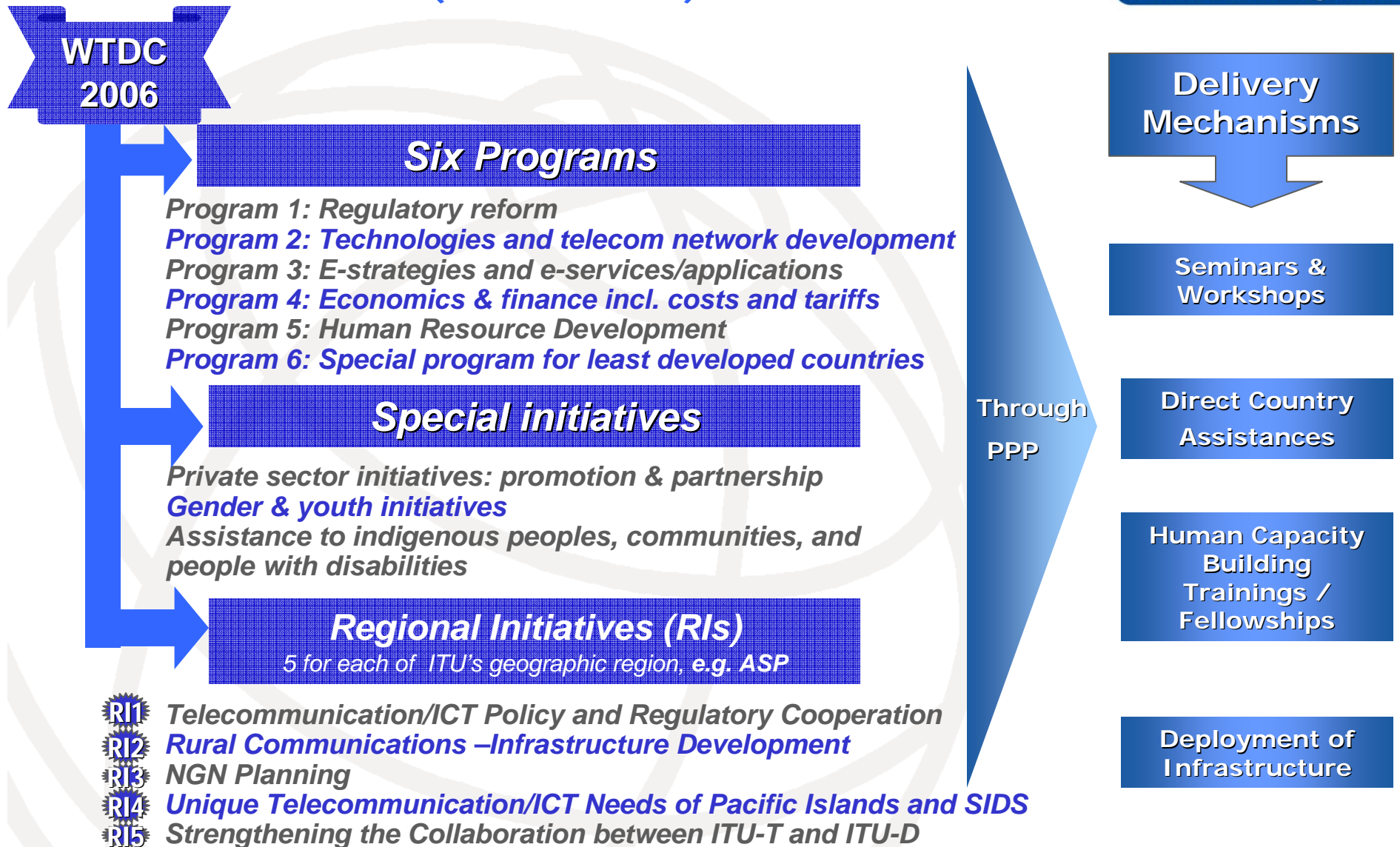
Asia Pacific RPM for WTDC 2010

- **Objective:** To identify priorities, at the regional level, for the promotion and development of information and communication technologies (ICTs), taking into account the expression of pressing issues facing the Member States and Sector Members of the region.
- **Date and Place:** 5-7 May 2009; Kuala Lumpur
- **97 participants** representing 25 countries, 4 operating agencies, 5 regional and international organizations and 3 observers
- **44 Contributions** received
- **General outcomes:** set of proposals on priority areas to serve as a basis for the formulation of contributions to the World Telecommunication Development Conference 2010 (WTDC-10) on the BDT future work.
- **Other RPMs**
 - ✓ Africa (Kampala, Uganda, 13-15 July 2009)
 - ✓ Americas (Place and date to be determined)
 - ✓ CIS (Minsk, Belarus, 23-24 November 2009)
 - ✓ Europe (Andorra, 1 to 3 December 2009)
 - ✓ Arab States (Damascus, Syria, 17-19 January 2010)



ITU regional preparatory meeting for the Asia-Pacific Region (RPM-ASP) for the World Telecommunication Development Conference (WTDC-10), held in Kuala Lumpur, Malaysia, on 5–7 May 2009

Review of ITU Global Development Agenda (2007-2010)



Review on Implementation of DAP Programmes and Activities in Asia Pacific Region (2007-2008): Summary

- 39 Country-Specific Actions
- 52 trainings/seminars/workshops, including 13 face to face and 8 e-learning CoE courses.
- 3 high level regional meetings
- Deployment of emergency telecom equipment to 3 countries during disasters.
- Joint collaborations with partners

Review on Implementation of DAP Programmes in Asia Pacific Region (2007-2008) (Con't)

General Outcomes, Challenges and Lessons Learned (1)

Outcomes

- *Developed/improved planning, analytic and operational skills on policy and regulation, spectrum management and monitoring, ICT Indicators and Statistics, new technologies including NGN, migration from analog to digital terrestrial television broadcasting, etc. ;*
- *Improved access to rural areas through deployment of telecenters, capacity building and drafting policies and regulations on accelerating rural communications development;*
- *Increased awareness on gender equality and empowerment of women, youth and people with disabilities through ICTs;*
- *Facilitated introduction/promotion of competition in the telecom sector through assistance on drafting legislations, policies, regulations, guidelines etc.;*
- *Facilitated institutional strengthening through capacity building programmes and expert advice;*
- *Developed and executed successful public private partnerships (PPP).*

General Outcomes, Challenges and Lessons Learned (2)

Challenges

- *Increasing number of requests with limited resources in the Asia-Pacific Regional Presence;*
- *Raising cross-sectoral awareness on the development role of ICT for policy makers and macro-economic planners to make ICT as a priority in national programs, whilst our State and Sector Members are limited to telecom/ICT; and*
- *A number of national, sub-regional, regional and global events in a year, despite efforts to coordinate with various partners and regional organizations.*

Lessons Learned

- *Commitment, maintaining good working relationship with Administration, partners and other stakeholders are key to successful and sustainable projects; and*
- *Efforts should be made to collaborate regional activities with other regional and international organizations to improve synergies and ensure non-duplication of efforts/resources.*

Asia Pacific Regional Initiatives: Summary

- After adoption of the Resolution 17, BDT developed **16 projects for Asia-Pacific region** ;
- ITU ASP RI is an effective tool to serve for intended purposes defined by WTDC-06 in Resolution 17 (Rev. Doha, 2006) ;
- Implementation of the ITU ASP RIs has been at a commendable level: e.g.,
 - **USD 5.2 million mobilized** for ASP RI projects (Dec 2008)
 - **USD 1 million raised** to support the RIs (Feb 2009)
- Provision of external support from Member States, Regulators and Industries through PPP effectively enabled project implementation.

For more information, please go to <http://www.itu.int/md/D06-DAP1.2.2-C-0002/en>

Outcomes of ITU Asia Pacific Regional Preparatory Meeting for WTDC 2010

Proposals for BDT Future Work

- 44 contributions/documents and ensuing interventions considered by the Meeting
- The RPM-ASP identified the priority areas for BDT future work on:
 - programmes
 - regional initiatives, and
 - Study Group Questions

Global Programmes

- The Members' contributions to the RPM-ASP include a number of topics requiring the provision of training, expertise and information sharing.
- The proposals, which are global in nature, could be operationalized through programmes.
- Programme implementation may supported by the following four modes of delivery:
 - the creation of tools
 - development of training materials,
 - information dissemination through workshops and seminars
 - direct assistance.
- Grouping is based on the linkages or similarities between and among proposals



Information and Communication Infrastructure

- Broadcasting
- Backbone networks
- NGN and broadband
- Rural telecommunications
- Disaster Early warning and Emergency communications
- Access
- Mobile communications
- Resources such as spectrum, numbering and electronic addressing
- *18 contributions in this Programme*



Cybersecurity and ICT Applications

- Cybersecurity initiatives
- Combatting Spam
- E-governance, E-health
- Cybersecurity and ICT applications
- Climate change, environment protection and green telecommunications
- Internet related policy issues
- Multilingualism for ICT applications
- *10 contributions in this programme*

Enabling Environment

- Costing methodologies used in telecom regulation
- Guidelines for telecoms regulators
- Benchmarking
- Enabling environment
- Telecommunication national Master Plans
- Telecommunications regulation and Interconnection
- *7 contributions in this programme*

Capacity Building and other initiatives

- Training in new technologies
- ICT and Gender equality
- Young professionals
- Human capacity building
- *4 contributions in this programme*



Regional Asia Pacific Initiatives

- Intended to address the specific ICT priority areas of the region
- Partnerships and resource mobilization are encouraged
- Small-, medium- and large-scale projects to be developed and implemented under each RI to meet countries' needs.



Unique Needs of LDCs, SIDS and landlocked countries

- **Objective:**
Provision of special assistance to LDCs, SIDS and landlocked countries to meet their priority ICT requirements
- **Expected results**
 - Improved infrastructure and enhanced access to affordable ICT services
 - Improved enabling environment to facilitate the ICT development
 - Appropriate national, sub-regional and regional frameworks for cybersecurity
 - Enhanced skills of relevant human resources

Emergency Communications

- **Objective:**

To provide the 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

- **Expected results**

- Identification of suitable technologies to be used for emergency communication
- **Creation of common databases to share information on emergency communication**
- Design of national and sub-regional emergency communication plans taking into account the impact of climate change
- **Development of appropriate policy, regulatory and legislative frameworks on emergency communication at national and regional level**
- Enhancing the skills of concerned human resources



Digital broadcasting

- **Objective:**
To assist ITU Member States and Sector Members towards a smooth transition from analogue to digital broadcasting
- **Expected results**
 - Policy and regulatory framework for digital terrestrial broadcasting including mobile television;
 - Digital broadcasting master plan for transition from analogue to digital broadcasting including Mobile TV and IPTV
 - Appropriate mechanism for conversion from analogue to digital archives
 - Provision of assistance in the field of interactive multimedia services to broadcasters of the Asia-Pacific region
 - Enhanced skills on digital broadcasting technologies of relevant human resources
 - Comprehensive guidelines on transition from analogue to digital broadcasting

Broadband access and uptake in urban and rural areas

- **Objective:** To assist Member States in the development of broadband access in urban and rural areas
- **Expected results**
 - National ICT master plan in meeting the requirements of developing countries
 - Improved broadband infrastructure and access to affordable ICT services in urban and rural areas
 - Development of ICT applications that can support multilingualism and address local needs
 - Enhanced skills on broadband communication network for the relevant human resources

Telecommunication / ICT policy and regulation in Asia-Pacific region

- **Objective:**
To assist Member States in the development of appropriate policy and regulatory frameworks, enhanced skills, increased information sharing and strengthened regulatory cooperation.
- **Expected results**
 - Development of appropriate policy, regulatory and legislative frameworks to improve ICT penetration
 - **Enhancing the skills of relevant human resources**
 - Promote regulatory cooperation and information sharing

Proposed ITU Development Agenda (2011-2014)

Proposals made at the ITU Asia-Pacific Regional Preparatory Meeting
for WTDC-2010
At Kuala Lumpur, May 5-7 2009

Global Development Programmes

1. Programme 1: Information & Communication Infrastructure
2. Programme 2: Cybersecurity & ICT Applications
3. Programme 3: Enabling Environment
4. Programme 4: Capacity Building & Other Initiatives

Asia-Pacific Regional Initiatives

1. Unique ICT Needs of LDCs, SIDSs, & Landlocked Countries
2. Emergency Communication
3. Digital Broadcasting
4. Broadband Access & Adoption in Urban & Rural Areas
5. Telecom/ICT Policy & Regulation in Asia-Pacific Region

WTDC 06 vis-à-vis ASP RPM Priority Areas

**WTDC
2006**

Six Programs

Program 1: Regulatory reform
Program 2: Technologies and telecom network development
Program 3: E-strategies and e-services/applications
Program 4: Economics & finance incl. costs and tariffs
Program 5: Human Resource Development
Program 6: Special program for least developed countries

Special initiatives

Private sector initiatives: promotion & partnership
Gender & youth initiatives
Assistance to indigenous peoples, communities, and people with disabilities

Regional initiatives

Telecommunication/ICT Policy and Regulatory Cooperation
Rural Communications –Infrastructure Development
NGN Planning
Unique Telecommunication/ICT Needs of Pacific Islands and SIDS
Strengthening the Collaboration between ITU-T and ITU-D

**Asia Pacific RPM
Priority Areas
For WTDC 2010**

Four Programs

Program 1: Enabling Environment Information and Communication Infrastructure
Program 2: Information and Communication Infrastructure
Program 3: Cybersecurity and ICT Applications
Program 4: Capacity Building and other Initiatives

Regional Initiatives

Enabling Environment
Broadband Access and Uptake in Urban and Rural Areas
Unique Needs of PICs, SIDS and Landlocked countries
Digital Broadcasting

Study Group Questions

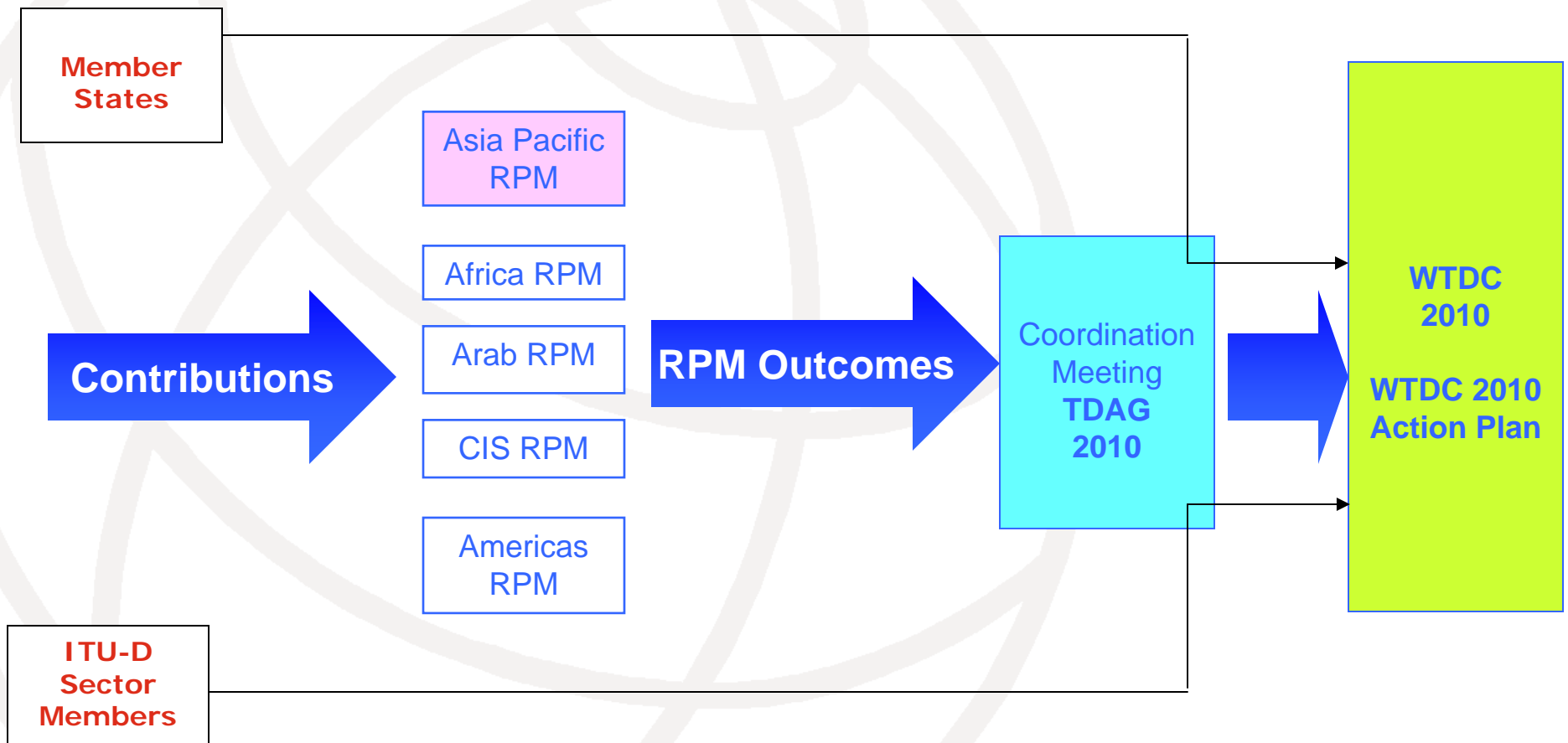
- Combating spam
- Costing methodology in a converged environment
- Compilation of experiences and case studies on NGN migration
- Framing of standard guidelines for Regulatory Impact Analysis to improve the quality of regulatory decision-making
- **4 contributions for SG Questions**

World Telecommunication Development Conference (WTDC) 2010

- Will take place in Hyderabad, India from 24 May to 4 June 2010 (consultation of Member States is underway)
- ITU's fifth World Telecommunication Development Conference
- Previous WTDCs
 - WTDC 2006 in Doha, Qatar (Doha Action Plan)
 - WTDC 2002 in Istanbul, Turkey (Istanbul Action Plan)
 - WTDC 1998 in Valetta, Malta (Valetta Action Plan)
 - WTDC 1994 in Buenos Aires, Argentina (Buenos Aires Action Plan)
- It will be an opportunity to review the programmes and activities of ITU-D as well as to set the agenda for the following four-year cycle.
- Further refinements on the ITU-D priority programmes, regional initiatives and other activities expected at WTDC 2010



From RPM to WTDC 2010



Looking forward to your continued support, contributions and active participation in WTDC 2010

Also looking forward to partnerships in:

ITU's global initiatives, e.g. Climate Change, Emergency, & Cybersecurity

ITU Asia-Pacific Regional Initiatives

ITU global and regional events such as TELECOM World 2009

ITU Membership for full cooperation and participation.



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

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

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