

13th Meeting of the Interagency Working Group (IWG) on ICT

November 20, 2009, UNCC, Bangkok

APT Initiatives on Disaster Communication, Prevention & Management Using ICT in the Asia-Pacific Region

by
Asia-Pacific Telecommunity



Introduction

Presentation of APT's present and past activities and initiatives through:

- ▣ Meetings ▪▪ AWF, Workshops, etc
- ▣ Pilot Projects ▪▪ Extra-Budgetary Contribution
- ▣ Statements/Declaration from Regional Ministerial Summits and Strategic Plans
- ▣ Technical Recommendations to the Global Events

A. Meetings/Workshop:

1. Asia-Pacific Wireless Forum(AWF) Regularly held 2 Meetings a year

- To promote new wireless applications
- To add value, and not duplicate, the work being undertaken by other relevant APT programs, and to work closely with other APT programs promoting a harmonized vision of wireless communications systems and services in the Asia-Pacific region to meet the emerging digital convergence era
- To provide cost effective and timely radiocommunications solutions;
- To facilitate the transfer of technology.

Spectrum Working Group(WG-SPEC)

Sub-Working Group 2:

▣ **The focus of the work for this group:**

1. To consider the use of frequency bands (other than 4940-4990MHz) included in WRC-03 Resolution 646 to develop technical parameters and channeling plans for harmonized use of these bands for PPDR
2. To consider and make proposals on frequencies for harmonized PPDR use in Pacific island countries.

** PPDR: Public Protection & Disaster Relief

A. Meetings/Workshop:

1. Sub-Regional Workshop on ICT for Disaster Prevention and Management for ASEAN, September 30 to October 2, 2008 in Manila, Philippines

- hosted by the Government of the Republic of the Philippines Department of Transportation and Communications (DOTC) and supported by the Extra Budgetary Contributions from Japan (EBC-J) to the APT.

The workshop brought the benefits of ICTs in the disaster prevention and management to the ASEAN member countries and develop their ICT skills to this field. It also provide interim and long term recommendations and inputs on similar services and applied towards enhancing current policies and practices in public safety and emergency response in the region.
- The meeting was attended by 80 participants consisting of APT Members and Affiliates members from 9 countries with different background in the sector of the Telecommunication and ICT from the Asia-Pacific region including, High Officials, Director Generals, Senior Officials and ICT telecom policy, broadcasting and disaster relief experts from ITU, NHK, KBP and other ICT industry stakeholders.

Meetings/Workshop (cont..)

2. APT-PITA-CTO Workshop on Disaster Communication and Network Development (DCND) for the Pacific, 4-6 June 2007, Nadi, Fiji

- The Asia-Pacific Telecommunity (APT), Pacific Islands Telecommunications Association (PITA) and Commonwealth Telecommunications Organizations (CTO) jointly organized
- to share practical experiences in the occasion of the recent disaster in the Asia-Pacific.
- to discuss the various topics which included other supports to the affected countries in the region and recent development in disaster management , disaster communications in recently affected countries,
- current situation of disaster preparedness in each Pacific country, regulatory framework and management for ensuring the disaster communication, rules of telecom operators and broadcasters in disaster communication and international activities related to disaster communication.
- attended by technical experts on early warning systems for tsunami and other natural hazards and disasters, communication network developers, experts from space agencies and information service provider, service/solution providers and policy/regulatory government officials and telecom/ICT operators from Fiji, Japan, Micronesia, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Thailand and Tonga. Also attended the workshop were representatives from CEASA , FSPI, ITU, JICA, NHK, PIFS and SOPAC.

Meetings/Workshop (cont..)

3. APT Symposium on Telecommunications for Disaster Relief (TDR), Islamabad, Pakistan, 18 to 20 April 2006.

- organized by the Asia-Pacific Telecommunity (APT) and hosted by the Ministry of Information Technology (MoIT) of the Government of Pakistan and supported under by the Extra Budgetary Contribution of Japan brought governments, private sector, international organizations and other regional stakeholders together
- shared their experiences, created awareness on the importance of telecommunication and ICT applications for disaster relief and discussed matters on common strategies and coordination within the Asia-Pacific region specifically the South Asian Sub-region.
- Other topics included were Disaster Prevention and Recovery, Disaster Management Network Systems, Development of Warning Systems for the Asia-Pacific Region and real time situations in handling and management of the disaster.
- The three day symposium was attended by 80 participants from APT Members. International bodies including UNDP, UNESCO, UNICEF, WHO, Mercy Corps, and other Experts on Disaster Management and Relief efforts in the region. The symposium recommended the establishment of a study group to develop and refine comprehensive framework for cooperation among APT member countries for sharing telecommunication resources to mitigate the effects of natural disasters.

Meetings/Workshop (cont..)

4. APT-ITU MEETING ON ROLE OF ICT FOR DISASTER REDUCTION 28 February 2005, BANGKOK, THAILAND

Based on this recognition and experiences the meeting confirmed the following:

- ❑ Recognized that ICT can play a significant role in disaster management including communicating and transmitting information for disaster relief, early warning, risk reduction.
- ❑ Acknowledged the importance of cooperation for disaster relief between national and local governments, disaster management using ICT such as disaster relief telecommunication network system.
- ❑ Recognized the importance of cooperation among the member countries to work together to tackle disaster management in the Asia Pacific region
- ❑ Building a disaster relief telecommunications system appropriate to the characteristics of each country.
- ❑ Taking into account the effectiveness of ICT for disaster relief, cooperation among the members for sharing information on regional and international level needs to be further promoted.
- ❑ Recognized that telecommunications systems must be accompanied by a high level of community awareness in order to stimulate a culture of disaster resilience, efforts to develop disaster relief telecommunication systems that are integrated into the broader process of developing and strengthening risk reduction institutions and capacities at all levels, in particular at the community level should be promoted.

Pilot Projects

and Implementation Emergency Medical Care System (EMCIS) for Disaster Area in Indonesia

es were:

for medical care system in disaster area.

medical care system which can be implemented as soon as disaster happened.

S system in Garut Area – West Java.

mpetency, and experience, as well as sharing information and knowledge for medical
pecially the implementation of ICT in emergency medical care system.

and set up a trial of “the emergency medical care information system” for
sia

ted as a model of the implementation of the emergency medical
disaster area in Indonesia. Related to this purpose, TELKOMRIS-TI have
a symposium with theme “Development of Emergency & Disaster
formation System” in Jakarta on March 7, 2006.

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