

ITU ASIA-PACIFIC REGIONAL DEVELOPMENT FORUM 2015

21-22 AUGUST 2015, BANGKOK, THAILAND

SESSION 1: ASIA-PACIFIC ICT DEVELOPMENT 2011-2014

Emergency Telecommunications

Mr. Wisit Atipayakoon

Programme Officer, ITU Regional Office for Asia and the Pacific

Direct Assistance in Response to Disasters

[February 2014] ITU deployed emergency telecommunications equipment for mitigation and preparedness in response to possible multi-hazard disasters that threaten the population of Tonga.



[December 2013] ITU deployed satellite telecommunications equipment to be used for relief activities in areas of the Philippines severely affected by Typhoon Haiyan



[May 2011] ITU has dispatched emergency telecommunications equipment to areas severely affected by the tsunami that struck the coastal areas of Japan following Friday's devastating earthquake measuring 9.0 on the Richter scale.



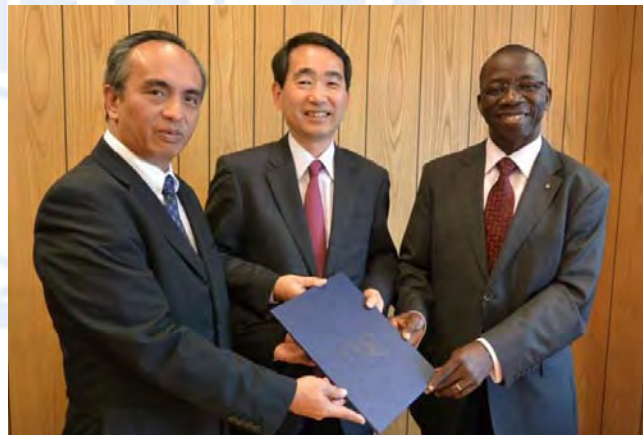
Human Capacity Building

- ❑ Various ITU Centre of Excellence trainings were conducted within the Asia-Pacific Region addressing the important topic of Emergency Communications during the period 2011-14.

- ❑ Improved capacity and awareness of members in addressing issues pertaining to Emergency Telecommunications through activities, as follows:
 - ❖ ITU/NBTC Regional Training on Emergency Telecommunications (2012)
 - ❖ ITU Asia-Pacific Regional Multi-stakeholder Forum on Emergency Telecommunications (2011)
 - ❖ ITU ASP CoE Training on "ICT applications relating to mitigating natural disaster (2013).
 - ❖ Best practices on Emergency Communications , DOT India (2014)
 - ❖ ICT-enabled disaster and emergency management services for marginalized and vulnerable (2014, India)

PROJECTS

- ❑ The Movable Deployable ICT Resource Unit (MDRU) Project was initiated following the disastrous Typhoon Yolanda striking the Philippines in November 2013. The project is implemented in partnership with the Ministry of Internal Affairs and Communications (MIC) of Japan, the Department Of Science and Technology (DOST) and the ICT Office of the Philippines and the ITU. Other engaged partners in the MDRU Project include NTT Japan and CVISNet of Philippines

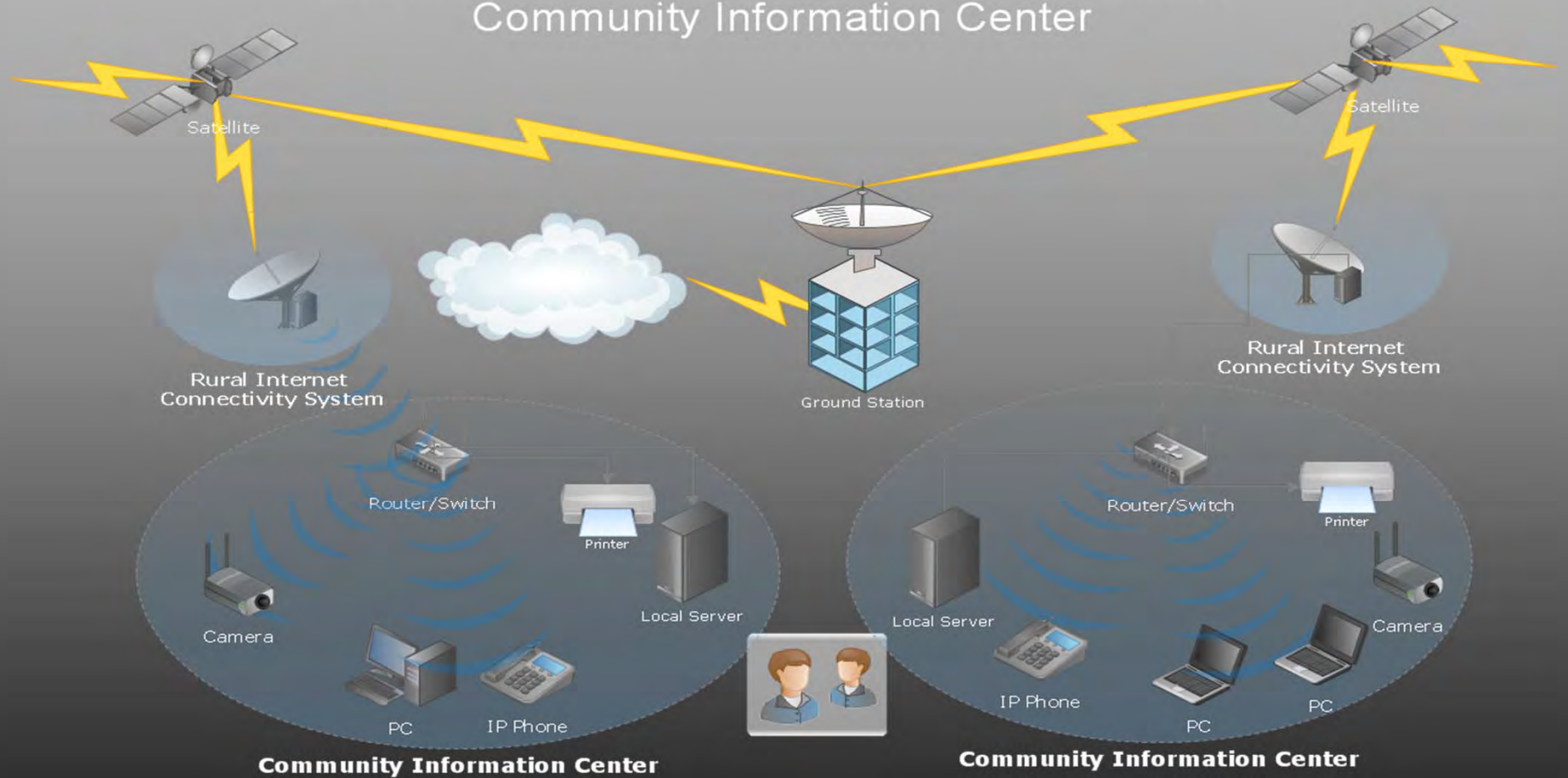




**ICT FOR DEVELOPMENT (ICT4D) +
ICT FOR DISASTER MANAGEMENT (ICT4DM)
=
SUSTAINABLE DEVELOPMENT.**

THE CONNECTIVITY PROJECT FOR SIDS IN PACIFIC

Satellite Communication Network Diagram Community Information Center



PROJECT DELIVERABLES



Climate
Information



Early Warning
and Disaster
Response



Health
Information



Education

.... more

ITU Emergency Telecommunication Assistance

- ❑ During disaster ITU provides assistance with:
- ❑ Satellite Phones
- ❑ Satellite Terminals (BGANs, VSATs, etc)
- ❑ Training on Equipment if needed
- ❑ Airtime Costs
- ❑ Freight Costs to and from the country





REGIONAL INITIATIVES

Asia and the Pacific

Dubai Action Plan

2015-2017

150  1865
2015



Emergency Telecommunications

EXPECTED RESULTS

Objective

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.

- 1 Identification of suitable technologies to be used for emergency communications
- 2 Creation of common databases to share information on emergency communications
- 3 Design of national and sub-regional emergency communication plans, taking into account the impact of climate change
- 4 Development of appropriate policy/regulation and legislative frameworks on emergency communications at national and regional levels
- 5 Availability of a dedicated set of equipment for emergency radio communication in the Asia-Pacific region
- 6 Capacity building in relation to emergency telecommunications and disaster preparedness
- 7 Mechanism for sharing information and best practices on utilizing ICTs for disaster preparedness, disaster response/relief and reconstruction among countries

