

**ABSTRACT OF PRESENTATION OF ALBERTO A. ZETINA V. AT THE ITU SEMINAR “NGN AND BROADBAND OPPORTUNITIES AAND CHALLENGES”, SANTO DOMINGO (DOMINICAN REPUBLIC), 25 – 27 NOVEMBER 2009**

**SESION 1: NEW TELECOMMUNICATION TECHNOLOGIES: PROMISE AND POTENTIAL FOR LEAPFROGGING DIGITAL DIVIDE**

**TITLE OF PRESENTATION:** *IMPLEMENTATION OF NGN AND BROADBAND FOR RURAL AND REMOTE AREAS. BEST PRACTICE BASED ON EXPERIENCES OF DEVELOPED AND DEVELOPPING COUNTRIES.*

**ABSTRACT:**

Many countries have decided on actively develop their telecom networks to guarantee the UNIVERSAL ACCESS and UNIVERSAL SERVICES in their Rural Areas and far away areas.

In this presentation we will analyze the main concerns from the developed and developing countries on the best decisions for:

- Their current and future needs
- The best use of their resources
- The best and more suitable equipments and terminals
- The services to provide and how
- The future growth and migration paths more suitable for their development.

We will also see how the ITU-D has supported the better decision making for the developing countries.

The economies of scale, the most advanced services and applications must be available for all? Or we should consider the Rural Areas in the traditional way and decide the access for them based on old technologies and solutions? Are the Rural areas not prepared for the state of the art services, solutions and technologies? Are they are already prepared to enter full speed the new telecom world. At what price, with which benefits?

The developing and developed countries are using their broad band networks and NGN networks for the “no traditional services and applications” taking advantage of their already / planned installed networks?

The National Security and Public Safety are part of the new services and applications? How they can be implemented? Benefits for developing countries mainly in rural areas?.