COMMENTS OF TURKEY ON REVIEW OF ISSUE PERTINENT TO THE SUBSIDIARY STRUCTURE OF THE COMMISSION/ (E) INFORMATION AND COMMUNICATIONS TECHNOLOGY

Believing that information and communication technologies are a key pillar of sustainable and inclusive development, Turkey has initiated a transformation in the process of the information society.

Turkey appreciates the works of the Committee on Information and Communication Technology aiming at achieving a seamless regional information space at the ESCAP region.

Turkey recognizes the vital role that broadband technologies play in creating a knowledge-based society and launches ICT projects. Below, there is a summary of the important ICT projects initiated by Turkey to contribute to the creation of an inclusive information society, which is also the main aim of the Committee. Turkey is ready to share its experiences and best practices regarding ICT Projects within the framework of ESCAP.

E-Government Gate

Perhaps, the most important project is "e-Government ". In the era of information society, the steps for well-functioning online public services have be taken strongly in Turkey. As of today, from education to health, from social security to agriculture in many areas a total of 334 public service is served over 13 million registered users through 41 public institutions.

Through the E-Government Gate, citizens can benefit from information technologies and can easily carry out their transactions online. Besides, state has gained faster and more transparent structure.

FATIH Project

Turkey has initiated FATIH Project ("Movement of Increasing Opportunities and Technology Improvement Project") with the aim enabling equal opportunities in education and improving technology in our schools for the efficient usage of ICT tools in the learning-teaching processes by appealing to more sense organs in all 620.000 schools that are in the preschool education, the primary education and the secondary education through providing tablets and LCD Smart Boards.

Information Technology Classes

To contribute to the creation of information community, services on disseminating information technologies including computer literacy are promoted.

In this regard, Information Technology Classes have been set up for total number of 20.279 schools, 1798 schools in the year 2007 and 18.481 schools in the year 2008.

Student computers, a teacher computer and peripheral units (laser printer, scanner, delineascope) have been bought and furniture, data and electrical infrastructure have been installed for each Information Technology Class.

The Navigation for Blinds

An R&D Project called "The Navigation for Blinds" has been developed with the aim of supporting the blind citizens to go to the desired destination by bus, metro or walk by the help of voice commands.

The project is a pilot scheme in the cities of Ankara and İstanbul and it is considered as a social responsibility project.

A total 5000 "Seeing Eye Devices" is planned to be distributed to the visually handicapped citizens, currently 3800 of them are distributed.

Villages Without Phone Project

It is aimed to establish a network and provide telephone and internet services to sites that doesn't have any electronic communications infrastructure. Wireless Access is provided over WiMAX(IEEE 802.16e) and IMS technologies. This system is resized by using almost 800 base stations for 50.000 users .

This system is designed to work on 3410-3425/3510-3525 MHz. frequency and the bandwidth is 5 MHz. The coverage is planned to be 90%. The Project has started in April 2011 and installation is still in progress. Subscriptions via system has also started.

The establishment and operation of communication infrastructure on residential areas without mobile coverage

The aim of the Project is to establish and operate the Network on the areas without GSM communication infrastructure with the most economical ways to deliver services at the same time.

The system will be established on GSM based and will support IMT-2000/UMTS Technologies. Besides, this system will be compatible to new mobile Technologies. The mobile network will provide the opportunity for all mobile operators to provide services at the same time on residential areas without mobile coverage.

The Precaution on GSM Network in Emergency Situations Portable Mobile Base Station, Having Satellite Transmission

In emergency situations (floods, earthquakes, road closure, land and air transportation accidents, avalanches, lost, etc.), in order to provide communication at the geographical region not in GSM coverage, portable mobile base stations were settled in 25 regions by the Ministry of Transport Maritime Affairs and Communications of Republic of Turkey.