



Project Report



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Instrument: SUPPORT ACTION	Thematic Priority International collaboration
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Title Telecommunication and Information Technologies in Tajikistan
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PU	Public	X
PP	Restricted to other programme participants (including the Commission)	
RE	Restricted to a group defined by the consortium (including the Commission)	
CO	Confidential, only for members of the consortium (including the Commission)	

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Abstract : This document describes the current situation in Tajikistan regarding Telecommunication and Information Technologies.
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Ensuring country's connectivity with other countries of the world is the vitally important issue of the economic development of the country.

Telecommunication and information technologies are being developed within programs and strategies that have been previously adopted. In this regard, it is scheduled that major telecommunication services, namely local, inter-municipal and international telephony as well as access to the Internet will be ensured in all communities regardless of their geographical situation.

Therefore, the Infrastructural and Telecommunication Network Development Strategy is being implemented step-by- step by the Tojiktelekom national operator.

Cutting-edge digital technologies have been introduced in all telephone stations of the Tojiktelekom OJSC since 2002. Need for modernization of customers' network followed introduction of digital technologies and this goal has been also achieved.

In 2005, the Tojiktelekom O JSC launched implementation of a project on construction of fiber-optic communication lines with outlet into neighboring countries. The project provides for replacing obsolete and outworn interurban network made of copper and aluminum cables by a new fiber-optic.

Implementation of the project in Badakhshoni Kuhi Autonomous Region provided opportunity to link Tajikistan's fibro-optic network up with the network in People's Republic of China and that gave us an alternative outreach to global information society.

It is expected that the construction of connection lines will make it possible to connect the country with all neighbouring countries (in the west-north with Uzbekistan, in the south with Afghanistan, in north-east - with Kyrgyzstan, and in the east - with China).

The 25 km. STM – level connection line between Isfara (Tajikistan) and Batken (Kyrgyzstan) was built in 2009 and currently is under technical assessment.

Construction of the high-speed connection network in Khatlon region allowed connect telecommunication networks of Republic of Tajikistan and Islamic Republic of Afghanistan.

During 20 years of independence a rapid development of telecommunication sphere in the Republic of Tajikistan can be observed. With implementation of new technologies the connection networks have been expanded, which, in turn, contributed into emergence of new forms and methods to restructure activity of the entire connection system.

In 1996 the very first common Tajik-American enterprise Close Joint-Stock company "TojikTel" was established: it offered its mobile connection services based on AMPS standards. During 15 years mobile connection of Tajikistan began from AMPS, and further has achieved to different standards of mobile connection - GSM, CDMA 2000IX, CDMA450 and 3G-UMTS.

In 1998 "Indigo Somoncom" mobile operator started its activity with the GSM-standard in Sughd region and from October 2001 till September 2002 three more mobile operators "Indigo Tojikiston", "TT-Mobile", and "Babilon-Mobile" started offering their services based on GCS-standard, which resulted in reducing of the prices for this type of service. In 2004 "TK Mobile" operator started its activity, offering CDMA-based services.

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Now 15 permissions are given to 8 operators based on the type of service. The quantity of the clients of mobile connection has achieved now 3,8 million people and continues to increase.

In Tajikistan a new WIMAX wireless connection has appeared, the non-mobile network, based on NGN technology is being widened, and within the connection structure system the wireless systems are being developed.