Report of the ITU Regional workshop for CIS
Shift of the Modern Infocommunication Paradigm in the Post-NGN Networks: New Technical, Economical, Legal, and Political Aspects
Saint Petersburg, Russian Federation, 23-25 June 2014

The ITU Regional workshop for CIS «Shift of the Modern Infocommunication Paradigm in the Post-NGN Networks: New Technical, Economical, Legal, and Political Aspects», organized in cooperation with in cooperation with the Ministry of Telecom and Mass Communications of the Russian Federation and the Saint Petersburg-based Leningrad Branch Central Scientific Research Institute of Communication (LO ZNIIS), was held in Saint Petersburg, Russian Federation, from 23 to 25 June 2014.

The Workshop was attended by representatives of communication administrations, regulators, telecommunication providers, scientific and research institutions and universities of **7 ITU Member States of the CIS region** (Republic of Belarus, Republic of Kazakhstan, Kyrgyz Republic, Republic of Moldova, Russian Federation, Republic of Uzbekistan, and Ukraine). The ITU was represented by the Head of the ITU Area Office for CIS Mr. Orozobek Kaiykov. The number of the Workshop participants totaled **50 persons**, including remote participants.

The workshop was held during 3 days and in 5 sessions and covered following topical issues:

- *Fundamental system and network aspects of the shift of the modern inforcommunication paradigm;*
- *Technical and economic aspects of the transition from the existing networks to NGN;*
- *Main principals of the general theory of infoevolution and their implementation in the interests of the consolidation of the transnational unions;*
- *The issues of telecommunication network management at the stage of transition to the NGN; some aspects of the provision of quality, information security and functioning reliability.*

Thanks to topicality of the issues discussed and the interest of the audience, the workshop become a good platform for exchange of information and experiences between representatives of different bodies and countries and furthered striking up useful working contacts.

The success of the workshop can be measured based on following KPIs:
1. Number of participants
2. Number of participating countries
3. Number of presentations
4. Fine comments of the workshop participants, confirming its usefulness
5. Information and knowledge obtained by the workshop participants.

During 3 days of the workshop, **26** presentations were delivered on different issues relating to post-NGN networks.

The workshop participants noted:

- Topicality and practical significance of the presentations delivered for the communication administrations, telecommunication providers, research and educational institutions and other stakeholders of the ITU Member States of the CIS. The materials of the event can be used by the participants in their professional activities;

- Importance of the research and system approach in the field of transition from existing networks to NGN;

- Importance of the exchange of opinions and experiences;

- High scientific level and practical use of the presentation delivered by the Odessa National Academy of Telecommunications (ONAT) n. a. A.Popov within the framework of the public discussion of the work Technological, Organizational, and Regulatory Principals of the Building of Next Generation Telecommunication Networks, which had been submitted by ONAT for competition on the 2014 State Prize for Science in Ukraine;

- Necessity to strengthen public-private partnership and international cooperation in the transition to post-NGN;

- Necessity to continue the works for coordination of the activities in the sphere of the NGN security on both national and international levels;

- Advisability of the further research for creation of cognitive infocommunication networks of general and industrial use;

- Necessity to improve legislative framework for ensuring transition to NGN;

- Necessity of activities aimed at training of specialists for building and maintenance of NGN using the existing potential of the specialized research and educational institutions;

- Necessity of cooperation of research and educational institutions of the CIS aimed at elaboration of interactive training materials for promotion of modern information security solutions for multiservice communication networks;

- Necessity of further development of specialized science telecommunication networks in the CIS region for extension of cooperation between scientific and educational institutions of the region;

- Advisability of further cooperation of the workshop participants as a virtual community using electronic communication methods;

- Necessity to continue organizing workshops, forums, and conferences on the issues of transition to NGN.

The Workshop was completed successfully and reached the objectives fixed in the 2014 ITU Operation Plan.

The successfulness of the workshop can be measured by KPIs, such as significant number of participants (50), great number of meaningful presentations (26), which show topicality of the workshop and importance of the workshop topic for the CIS countries, as well as fine comments of the workshop participants, who appreciated organizational and substantial aspects of the workshop. The high scientific level of the event is indicated by the number of doctors of science (15), who participated in the event.

The workshop participants (70 representatives of 8 CIS countries), listened to 26 presentations and exchanged opinions and experience in the field of post NGN networks, obtained certain information on different aspects of transition to post NGN and, therefore, essentially raised the level of their knowledge in the field. This furthers transition to post NGN in the CIS countries.

The participants expressed gratitude to the ITU Area Office for the CIS and the Communication Administration of the Russian Federation for organization of the workshop, as well as to Saint Petersburg-based Leningrad Branch Central Scientific Research Institute of Communication (LO ZNIIS) for organizing and hosting the event. Also, special gratitude was expressed to a row of speakers for their interesting and topical presentations.

The ITU, in their turn, express gratitude to all the participants and to the host, LO ZNIIS for cooperation and support.