REPORT
of the ITU Regional Workshop
"Organizational and technical development of broadband access"
27-29 September 2017, Odessa, Ukraine

ITU Regional Workshop "Organizational and Technical Development of Broadband Access", organized by the International Telecommunication Union (ITU) in cooperation with A.S. Popov Odessa National Academy of Telecommunications (ONAT) of the Ministry of Education and Science of Ukraine, was held in Odessa from 27 to 29 September 2017. The ONAT partner of the Workshop was the Ukrainian telecommunications operator – «Kyivstar».

The Workshop was attended by **51 participants** representing **10 countries** (Republic of Azerbaijan, Republic of Belarus, Kyrgyz Republic, Republic of Moldova, Oman, Saudi Arabia, the United States of America, Republic of Uzbekistan, Ukraine and the Swiss Confederation).

The Workshop covered following topical issues:

- world trends in the elaboration strategy and policy aimed at broadband access (BBA) development;
- analysis of broadband access infrastructure for affordable high-quality ICT services in urban, rural and remote areas;
- legal regulation of organizational and technical development of broadband access;
- technical aspects of design and construction of broadband access networks;
- organizational and economic aspects of building broadband access networks;
- modern trends in the development of BBA networks-based services.

The Workshop was attended by representatives of communication administrations, telecommunications operators, higher education institutions, scientific and research institutes, telecommunications equipment manufacturers, software developers. The ITU was represented by Mr. Farid Nakhli, Programme Officer, Area Office for CIS and Désiré Kiryabwite, Internet Protocol Coordinator, BDT.

Within the framework of official opening, greetings were delivered by Mr. Petr Vorobiyenko, Rector, A.S. Popov ONAT; Mr. Farid Nakhli, Programme Officer, ITU Area Office for CIS; Mr. Sergey Petrovsky, Chair, Odessa Regional Council Permanent Commission on Transport, Communications, and Marine Sector Complex; Mr. Alexander Dyrda, Deputy Director of Department/Head, Division of Thematic and Forensic Studies of Cryptographic Information Protection and Special Communication Means, State Service of Special Communications and Information Protection of Ukraine; Mr. Vadym Kaptur, Pro-rector for Scientific Work, A.S. Popov ONAT.

The work of the 3-day event, was divided into 6 sessions, within the framework of which **19 presentations** were delivered. In particular, 8 presentations were dedicated to *World trends in the elaboration strategy and policy aimed at BBA development* and *BBA infrastructure for affordable high-quality ICT services in urban, rural and remote areas;* other 8 presentations were dedicated to *Legal regulation of organizational and technical development of broadband access; Technical aspects of design and construction of broadband access networks;* and *Organizational and economic aspects of building broadband access networks*. 3 presentations were delivered during the 3rd day of the event, which covered *Modern trends in the development of BBA networks-based services*.

The workshop was conducted in Russian and English with simultaneous interpretation.

The workshop was completed with a roundtable, which summed up the results of the event. In particulars, the workshop participants noted:

- relevance of the workshop;
- the practical value of the presentations delivered for communication administrations, ICT-specialized universities, telecommunication providers, and software developers – the workshop materials can be used by the participants in their professional activities;
- the key role of international cooperation and state support in broadband access development;
- the importance of providing broadband connection not only to large cities, but also to remote and rural areas as a key condition for the development of information society;
- the necessity to ensure transparent interaction between telecommunications regulators and operators in order to create an enabling environment for providing broadband services at affordable prices;
- importance of creating demand for broadband services through implementation of initiatives related to electronic and mobile government, local content, and electronic and mobile banking services;
- expediency of promotion campaigns to raise the user awareness of the opportunities of modern e-services provide in BBA networks and further improve computer literacy of the population;
- importance of implementation of national programs aimed at the BBA development and creating administrative and organizational conditions for the development of e-services;
- advisability of developing recommendations on the interaction of operators of broadband access networks with central and local authorities;
- necessity to develop mechanisms of legal control over quality of services provided by telecom operators;
- importance of further research aimed at the development of telecommunication network design methods;
- expediency of preserving information on the telecommunication technologies evolution in order to minimize possible mistakes in the future;
- importance for the region of the work carried out by ITU within the framework of implementation of the RI "Broadband access development and introduction of broadband in the CIS" approved by WTDC-14 (Dubai, United Arab Emirates);
- advisability of creating a single repository with documents that positively influenced the rating upgrade of ITU Member States in the field of information and communication technologies;
- necessity to more actively involve educational institutions of the region in the activities of ITU, including the work of Study Groups and Centers of Excellence;
- feasibility of continuing study of Question 1/1 "Policy, regulatory and technical aspects of the transition from existing networks to broadband networks in developing countries, including next-generation networks, m-services, OTT services and IPv6 implementation" of ITU-D Study Group 1.

Upon completion of the workshop, participants expressed their sincere gratitude to the workshop moderators and speakers, as well as to ITU and the ONAT for the excellent organization and conduction of the Workshop.