

Report
of ITU Regional Workshop for CIS on
Optimal Solutions to the Provision of Broadband Access
in Small and Medium-sized Settlements
Moscow, Russian Federation, 17-19 February 2015

The ITU Regional Workshop for CIS on Optimal Solutions to the Provision of Broadband Access in Small and Medium-sized Settlements, organized by the Telecommunication Development Bureau in cooperation with Moscow Technical University of Telecommunications (MTUCI), the ITU-D Sector Member and with support of Ministry of Telecom and Mass Communications of the Russian Federation, was held from 17 to 19 February in Moscow.

The Workshop was attended by representatives of communication administrations, regulators, telecommunication providers, scientific and research institutions and ICT-specialized universities of 8 Member States of the CIS region (Republic of Armenia, Republic of Belarus, Republic of Kazakhstan, Kyrgyz Republic, Republic of Moldova, Russian Federation, Republic of Uzbekistan, Ukraine) and Romania. Also, the Workshop was attended by representatives of the Regional Commonwealth in the field of Communications (RCC). The International Telecommunication Union was represented by Mr. Orozobek Kaiykov, Head, ITU Area Office for CIS; Mr. Andrei Untila, Programme Officer, ITU Area Office for CIS; Mr. Evghenii Sestacov, Engineer, Broadcasting Division, Terrestrial Services Department, Radiocommunication Bureau, (BR/TSD/BCD).



Total number of participants made 62.

Within the framework of official opening, the participants were greeted by Mr. Nurudin Mukhitdinov, Director General, RCC Executive Committee; Mr. Artem Adzhemov, Rector, MTUCI; Mr. Orozobek Kaiykov, Head, ITU Area Office for CIS.

The Workshop, which continued 3 days, consisted of 6 Sessions, which covered following issues:

- *Broadband Access for Sustainable Development; ITU Activities and Prospects of Telecommunications Development; Activities of ITU-D SGs in the field of Broadband Development;*
- *National Strategies of the Countries of the CIS Region in the field of the Provision of Broadband Access in Small and Medium-sized Settlements: Strategic Aspects;*
- *Technical Aspects of the Provision of Broadband Access in Small and Medium-sized Settlements; Use of Radio Access and Satellite Communication Technologies;*
- *Technical Aspects of the Provision of Broadband Access in Small and Medium-sized Settlements; Use of PON Technologies;*
- *Economic and Organizations Aspects of the Provision of Broadband Access in Small and Medium-sized Settlements;*

- *Human Capacity Building in the field of Development and Operation of the Broadband Access Networks, as well as Provision of the Population with the Access to Social Service, using Broadband Access.*

National strategies/solutions in the field of the provision of broadband access in small and medium-sized settlements were presented by the speakers from Kyrgyz Republic, Republic of Kazakhstan, Republic of Moldova, Russian Federation, and Republic of Armenia.



Session 3, covering technical aspects of the broadband access provision, presented 5G, OFDM, PON technologies. Also, 2 presentations, on *Modern Technologies and Broadband Satellite Communication Systems; Advances and Troubles of the Satellite Communication Use for the Broadband Access Provision and Mobile Broadband Access Systems* were presented by Mr. Evghenii Sestacov, Engineer, Broadcasting Division, Terrestrial Services Department, Radiocommunication Bureau, (BR/TSD/BCD), who also

moderated Session 6 covering Human Capacity Building in the field of Development and Operation of the Broadband Access Networks.

Economic and organizational aspects of the *of the Provision of Broadband Access in Small and Medium-sized Settlements* were highlighted by Mr. Vadim Kaptur, Pro-rector for Scientific Work, Odessa National Academy of Telecommunications n.a. A.Popov (Ukraine) in the presentations on *Methods of Evaluation of Economic Viability of the Broadband Access Deployment in Small and Medium-sized Settlements* and on *Implementation of Social Projects in the field of Education and Medicine on the basis of Broadband Access* and by Mr. Anatol Neumiarzhytski, Head, Scientific and Research and Information and Analytical Centre, OJSC Giprosvya (Republic of Belarus) in the presentation on *Projects of Broadband Access Provision using Non-traditional Approach*.

Within the 6 Session, **19 presentations** were delivered.

The Workshop was concluded with a roundtable on *Broadband Access for Sustainable Development*.

Thanks to a truly creative atmosphere of cooperation between the speakers and the audience, the Workshop was a good platform for exchange of opinions and experiences between representatives of different institutions and countries and furthered new cooperative relationships.



The successfulness of the event could be evaluated based on following KPIs:

- Number of participants;
- Number of participating countries;
- Number of presentations on the subject;
- Positive feedback from the participants confirming the usability of the event;
- Information and experiences shared.

The Workshop was successful and achieved the objectives fixed in the OP-15:

1. The Workshop participants (62 representatives of 8 CIS countries and Romania) listened to 19 presentations; obtained useful information on the provision of broadband access in small and medium-sized settlements; exchanged their opinions and experiences in the field. Therefore, they enhance their knowledge in the field, and this will practically further the broadband access development in the CIS countries.
2. The workshop was very topical, since 80 percent of the population of the CIS countries live in small and medium-sized settlements. In this light, presentations covering technologies, such as 5G, OFDM, PON, as well as broadband satellite communication systems and mobile broadband access systems, were essential for the audience. The positive feedback of the participants, who appreciated the presented information as practically useful, also evidences the topicality of the event.

The participants expressed gratitude to the ITU Area Office for CIS, the Communication Administration of the Russian Federation, and the MTUCI Institute of Upgrade Qualifications for the organization of the event. Also, the participants expressed thanks to the speakers for the topical and interesting presentations.

The ITUA Area Office for CIS, in its turn, expresses thanks to the participants and to the Communication Administration of the Russian Federation, and the MTUCI Institute of Upgrade Qualifications for cooperation and support.