

**REPORT**  
**Of the ITU Regional Workshop for CIS**  
**on Implementation and Monitoring of DVB-T/DVB-T2 System**  
***Minsk, Republic of Belarus, 25-27 September 2013***

The ITU Regional Workshop for CIS on Implementation and Monitoring of DVB-T/DVB-T2 System, organized by the Telecommunication Development Bureau in cooperation with Ministry of Communications and Informatization of the Republic of Belarus and with the support of OJSC Giprosvyaz under the Ministry of Communications and Informatization of the Republic of Belarus, was held in Minsk, Republic of Belarus from 25 to 27 September 2013. The Workshop was organized as a final stage of the implementation of the CIS Regional Initiative on creation of the Consultancy and Methodical Centre for Assistance in Transition to Digital Broadcasting.

The Workshop was attended by delegations of **10 countries**, including **8 CIS countries** (Republic of Azerbaijan, Republic of Belarus, Republic of Kazakhstan, Kyrgyz Republic, Republic of Moldova, the Russian Federation, Republic of Uzbekistan, and Ukraine), as well as of Georgia and Italy. Among the workshop participants, there were representatives of the Communication Administrations, Regulators, communications providers, scientific and research organizations, and educational institutions. The International Telecommunication Union was represented by Mr. Andrei Untila, Programme Officer, ITU Area Office for CIS, and Mr. Ilkham Ghazi, Radiocommunication Engineer, BDT/ITU. Total number of participants was 52.



At the opening ceremony, feature addressed were delivered by Mr. Ivan Rak, First Deputy Minister of Communications and Informatization of the Republic of Belarus, and Mr. Andrei Untila, Programme Officer, ITU Area Office for CIS, who expressed gratitude on behalf of ITU to Giprosvyaz for hosting this important event.

During the 3-day workshop, which consisted of **8 Sessions**, **23 presentations** were delivered.

**Session 1: The Role of State in Organization and Management of the Digital Television Broadcasting** under the chairmanship of Mr. Andrei Untila considered the situation in the Republic of Belarus (presentation by Mr. Viktor Zaitsev, Head, Television, Radiocommunication and Radiobroadcasting Sector, Ministry of Communications and Informatization of the Republic of Belarus). Mr. Ilkham Ghazi, Radiocommunication Engineer, Radiocommunication Bureau, ITU presented *Regulatory Aspects of DVB-T2 Implementation within the framework of GE06 Agreement*.

**Session 2: Specialist Training in the field of Digital Television Broadcasting** chaired by Anatoly Kopylov, Assistant Professor, Institute of Upgrade Qualifications, Moscow Technical University of Communications and Informatics (MTUCI), Russian Federation, covered experience of training and re-training of specialists on implementation and technical operation of digital television.

**Session 3: Legal Framework as a Basis for Successful Implementation of Digital Television Broadcasting** chaired by Mr. Marat Kasienov, Deputy Chief Technical Director on Development, JSC Kaztelradio, Republic of Kazakhstan considered experience of Ukraine and the Republic of Belarus in creation of legal framework for implementation of digital broadcasting (presented by Mr. Oleg Gofaizen, Vice Chairman of SG 2/ITU-R from Odessa National Academy of Telecommunications n.a. A.Popov and Mr. Alexander Grachek from OJSC Giprosvyaz correspondently).

**Session 4: Planning of Terrestrial Digital Television Broadcasting Systems** chaired by Mr. Andrei Untila covered the issues of frequency planning in implementation of digital television broadcasting in Ukraine, Republic of Belarus (presented by Mr. Sergei Dudarev from Republican Unitary Enterprise BELGIE) and the Russian Federation. Within the framework of the Session, Mr. Ilkham Ghazi presented experience of digital dividend use in African Region.

**Session 5: Technological Solutions for Digital Television Broadcasting Systems Implementation. Experiences of the CIS Countries** chaired by Mr. Oleg Gofaizen considered experience of digital broadcasting implementation in the Republic of Kazakhstan (presented by Mr. Marat Kasienov from Kaztelradio), the Russian Federation (presented by Mr. Viktor Dvorkovich from OJSC Scientific and Production Company SAD-KOM), Kyrgyz Republic (presented by Mr. Ishenbek Sadykov from ICT Centre under the Ministry of Transport and Communications of Kyrgyz Republic), Republic of Belarus (presented by Mr. Leonid Voiteshonok from Republican Unitary Enterprise BRTPC and Mr. Yevgeny Lapko from Beltelecom).

**Session 6: Solutions Offered by the Digital Broadcasting Equipment Manufacturers** was dedicated to solutions for digital broadcasting implementations offered by equipment manufacturers. Their solutions presented OJSC Promsvyz, OJSC MART, and Profkon Private Unitary Enterprise from the Republic of Belarus, Screen Service Broadcasting Technologies S.p.A. from Italy and Net Insight AB, Sweden.

**During Session 7: Consultancy and Methodical Centre for Assistance in Transition to Digital Broadcasting** under the chairmanship of Mr. Andrei Untila, Mr. Alexander Sokolovsky, Head, Scientific and Research Laboratory of Communications Systems and Devices, OJSC Giprosvyaz, Republic of Belarus presented the results of the Regional Initiative implementation. In particular, he told of the process of Creation of the Centre and of the assistance already provided to the CIS countries, and of further prospects of the Centre. Also, practical exercise on equipment testing on the basis of the centre was carried out.

**Session 7** consisted of a **roundtable** discussion of the problems related to the transition to the digital broadcasting and possible solutions.

In conclusion of the workshop, Mr. Andrei Untila expressed gratitude to OJSC Giprosvyaz for excellent organization of the workshop. The host, in their turn, thanked the participants for active work during the workshop.



After the workshop, the host carried out a survey among the participants, which, in partucila, showed, that:

- the workshop was interesting for 95 % of participants;
- the workshop fully met expectations of 90 % of participants;
- 90 % of participants find the presentations delivered fully corresponding to the workshop topic;
- 100 % of participants find that the workshop was organized at a high level;
- the most interest was attracted by presentations by Viktor Dvorkovich, Ilkham Ghazi, Sergei Dudarev, Viktor Zaitsev, and Oleg Gofaizen.

The survey did not discover any negative evaluations.