

Implementation of the CIS Regional Initiatives

THE FUTURE: The WTDC-14 Dubai Action Plan and the Regional Initiatives (2015-2018)

CIS2: Ensuring access to telecommunication/ICT services for persons with disabilities

Status: situation by today

<u>Country</u>	<u>Status</u>
For all CIS countries	<p>According to the World Health Organization, as of 1 January 2014, persons with disabilities made approximately 10 percent of the global population. In Kyrgyz Republic, 155,893 people are persons with disabilities, of whom 26,672 are children under 18 years of age. While, just 18,380 people were initially acknowledged to be people with disabilities in 2010, of whom 3,943 were children under 18 years of age; 18,659 people, of whom 4,663 were children under 18 years of age, were acknowledged to be people with disabilities in 2012; and 16,687 people, of whom 4,342 children under 18 years of age, were acknowledged people with disabilities in 2013. Referring to the statistical data above, number of people with disabilities grows progressively: about 3,000 to 4,000 persons are initially acknowledged people with disabilities in Kyrgyz Republic each year.</p> <p>Most of them cannot gain necessary qualification, allowing them to find employment. Only 7,442 children in Kyrgyz Republic (or 28 percent, of all persons with disabilities under 18 years of age) are covered by the services of basic education. In the Republic of Kazakhstan, psychological, medical and pedagogical consultations, conducted in 2013, educed 138,500 children with disabilities, of whom 44800 are children from 0 to 6 years and 93700 - children from 7 to 18 years. The number of educed children with disabilities in 2012 made 151200 persons. Currently, 118,200 children (or 85.3%) are educated with correction and pedagogical support, including 83,500 children of school age and 34,700 children of preschool age. Of them, 6,210 children are taught under special programmes, including 14,000 children taught in special organizations and 8,500 in special classes; 30,000 children are covered by inclusive education and 8,400 are taught at home; 1,200 are taught in private educational institutions.</p> <p>Of 7,000,000 of current population of the Republic of Tajikistan, 146,000 people are persons with disabilities, including 12,500 children under 16 years of age.</p> <p>The number of persons with disabilities living in the Republic of Uzbekistan makes 740,000, including 97,000 children under 16 years of age. Republic of Uzbekistan was first of the CIS countries, which passed a law of social rehabilitation of persons with disabilities. 14,627 persons with disabilities, including 1,528 children completed rehabilitation in rehabilitation centres of the Republic of Uzbekistan.</p>

In the Republic of Azerbaijan, the number of children with disabilities makes 60,000, of whom 1,105 are taught in special schools, 2,664 are taught in special boarding schools, 7,750 are taught at home, 268 are covered by inclusive education.

In Turkmenistan, according to data as of 1 January 2011, number of people with disabilities made 89,967, including 10,100 children under 16 years of age.

Upon completion of school, people with disabilities, like other people of the same age, want to continue their education in universities. This could help them to adapt to living in human society.

As is well known, the Internet is the most suitable, while sometimes the only, way for people with disabilities to get education, job, information, keep intercommunication, participate in social life, pursue an active life style. By today, websites of public authorities are still not accessible for people with disabilities, including the websites aimed at provision of public services.

Although inclusive education policy is implemented equally to the professional education in all countries of Central Asian Region, printing textbooks in braille for blind people or in enlarged letter for people with low vision is still a problem.

The right of children with disabilities for gaining high quality education is not fully realized. The existing higher education financing system does not allow to educational institutions to install necessary equipment for work with people with disabilities.

The project which will be implemented in Bishkek, Kyrgyz Republic, is a kind of model education system of persons with disabilities to be further implemented in universities of Central Asian countries. The project which will be implemented in Minsk, Republic of Belarus, will serve as a model education system to be further implemented in European part of the CIS region. Using the experience which will be obtained in the process of creation of the Training Centre in Bishkek, working as inclusive education centre model, a network of educational institutions can be created in the countries of Central Asia. The key events of the project will be held in the countries of Central Asia, aimed at extension covering with education children mainly in rural areas.

Further development of the project will be aimed at study of specifics of relationships between the teachers/trainers and persons living with disabilities, upgrade of qualifications of the staff working with people with disabilities, and search for ways to settle staffing problems.

Objective: To assist ITU Member States of the CIS region in elaboration of regulatory documents and technical solutions, as well as in implementation of special training programmes, aimed at ensuring the ICT accessibility and usability for people with disabilities.

Expected results:

- 1) Recommendations and regulatory documents, setting out requirements to infrastructure and the ICT content in terms of their accessibility and usability for people with disabilities.

- 2) Recommendations for adaptation of web resources to ensure their maximum accessibility for people with disabilities.
- 3) Public Internet access points for people with disabilities, equipped with special hardware and software.
- 4) Information and training centre to provide trainings for people with disabilities in the CIS region.
- 5) Methodologies to train people with disabilities to use telecommunications/ICT and training of teachers to enable them to use the elaborated methodologies.

Project №1: Elaboration of recommendations and regulatory documents setting out requirements to infrastructure and the ICT content in terms of their accessibility and usability for people with disabilities.

Due to inadequacy of legislative framework, attempts to make telecommunications/ICT and web resources accessible for people living with disabilities are insufficient. Websites of public authorities are not accessible for people with disabilities, including public service websites.

In educational institutions of Kyrgyz Republic, there are no regulatory documents, setting out requirements to infrastructure and educational process adapted to people with disabilities.

The Project objective: Elaboration of recommendations and regulatory documents, setting out requirements to infrastructure and ICT content in terms of their accessibility and usability for people with disabilities; adaptation of web resources to ensure their maximum accessibility for people with disabilities.

Expected results:

- 1) Recommendations and regulatory documents, setting out requirements to telecommunications/ICT services and web resources to make them more accessible for people with disabilities;
- 2) Recommendations and regulatory documents, setting out requirements to educational process adapted for people with disabilities.
- 3) Requirements to buildings of educational institutions to make them accessible for people with disabilities; requirements to logistical support of educational process to make it accessible for people with disabilities.
- 4) Methodology and criteria of evaluation of accessibility of web resources for people with disabilities.
- 5) System of education aimed at obtaining qualification by people with disabilities in Kyrgyz State Technical University (KSTU) n.a. I.Razzakov.

Project Expenses (USD):

Description	Total Amount	ITU Contribution	UNESCO Contribution	KSTU Contribution
Analysis of existing regulatory documents, setting out requirements to telecommunications/ICT services and web resources in terms of their accessibility for people with disabilities	3,000			3,000

Development of methodical recommendations to improve regulatory documents, setting out requirements to process of education of people with disabilities	10,000	6,000		4,000
Development of requirements to buildings of educational institutions to make them accessible for people with disabilities; development of requirements to logistical support of process of education of people with disabilities.	8,000	5,000		3,000
Development of methodology and criteria of evaluation of accessibility of web resources for people with disabilities.	5,000	3,000		2,000
Development of teaching and learning aids for the subjects to be studied by people with disabilities.	5,000			5,000
Education of people with disabilities at KSTU n.a. I.Razzakov	20,000			20,000
Development of information and education web portal for people with disabilities	8,000			8,000
Conducting of trainings and workshops (recruitment of experts, organization of coffee-breaks etc.)	9,000	-	7,000	2,000
Publication of the materials	1,000			1,000
Total	69,000	14,000	7,000	48,000
Total for the Project	69,000			

Potential partners:

1. Education Ministries of the CIS countries
2. Institute of Electronica and Telecommunications under Kyrgyz State Technical University n.a. I.Razzakov (Kyrgyz Republic)
1. State Communication Agency under the Government of Kyrgyz Republic
2. Equal Opportunities Social Centre (Kyrgyz Republic)
3. UNESCO Institute for Information Technologies in Education (IITE)

Countries involved:

1. Kyrgyz Republic
2. Republic of Belarus

Note: Results of the Project implementation can be used in all CIS countries.

Activities to be implemented in 2015

1. Study of international documents relating to the rights of people with disabilities, such as Un Convention on the Rights of Persons with Disabilities, the Global Initiative for Inclusive ICTs, and others.

2. Development of recommendations to improve accessibility of ICT for people with disabilities in terms of regulations.
3. Development of recommendations and regulatory documents, setting out requirements to telecommunications/ICT services and web resources to make them more accessible for people with disabilities.
4. Development of recommendations and regulatory documents, setting out requirements to the process of education of people with disabilities.
5. Development of requirements to buildings of educational institutions, as well as to logistical support of the process of education to make them accessible for people with disabilities.
6. Development of methodology to train people with disabilities using telecommunications/ICT. Training of teachers to enable them to use the elaborated methodologies.
7. Publication of the materials.
8. Organization and conducting of trainings, roundtables on the issues of training of people with disabilities.
9. Conducting of trainings for teachers to enable them to using the methodology of training people with disabilities to use telecommunications/ICT.
10. Conducting of professional orientation work with young people with disabilities.
11. Organization of educational process for people with disabilities in Kyrgyz State Technical University n.a. I.Razzakov.

Activities to be implemented in 2016

1. Study of standards, recommendations of experts in the field of Internet technologies, of the World Wide Web Consortium (www.W3C.org) and Web Content Accessibility Guidelines (WCAG 2.0) to carry out a survey on accessibility of web resources of public authorities.
2. Development of methodology and criteria of evaluation of web resources accessibility for people with disabilities.
3. Conducting of training and workshops for developers of public authority websites.
4. Conducting of a survey on public authority website accessibility for people with disabilities aimed at taking measure for improvement of the web content accessibility.
5. Testing of public authority websites in terms of their accessibility for people with disabilities.
6. Publication of the materials.
7. Matriculation and education of people with disabilities at the selected courses in Kyrgyz State Technical University n.a. I.Razzakov.
8. Development of teaching and learning aids for the subjects of study by people with disabilities.

Activities to be implemented in 2017

1. Development of information and education web portal for people with disabilities.
2. Conducting of professional orientation work with young people with disabilities.
3. Matriculation and training of people with disabilities in Kyrgyz State Technical University n.a. I.Razzakov.
4. Development of teaching and learning aids for the subjects of study by people with disabilities.

Project №2: Creation of Information and Training Centre for People with Disabilities

Current Situation:

In spite that the opportunity to get higher education for people with disabilities is fixed in the law, quoting for people with disabilities in higher education institutions of Kyrgyz Republic was stated just in 2012. Therefore, the Decree of the Government of Kyrgyz Republic of the Introduction of Changes and Addendums to Some Laws and Regulations of Kyrgyz Republic No 255, dated 29 December 2011 foresees changes of the procedure of entrance to universities on grant education basis by applicants from among people with disabilities of the first and second groups.

Within the framework of the quota, 42 applicants from people with disabilities were accepted into universities in 2012, and 60 persons from people with disabilities in 2013. But in the universities, they encounter new difficulties. People with disabilities have troubles with getting to the university building and with moving inside the building. Motivation of people with disabilities decreases for fear of unadapted environment, lack in the universities of special equipment, special software and accessible teaching and learning aids.

Objective of the Project: Creation of Information and Training Centre for People with Disabilities.

Expected Results:

1. Information and Training Centre equipped with special equipment for training of people with disabilities.
2. Methodologies of training of people with disabilities to enable them using telecommunications/ICT devices and training of specialists to enable them implementing the methodologies.
3. Information and education portal, equipped with special software for people with disabilities.

Necessary Expenses:

Description	Total Amount	ITU contribution	UNESCO contribution	IET contribution
Initial contribution	7,000			7,000

Preparation and improvement of the premises	21,830			21,830
Basic infrastructure facilities	19,299.9			19,299.9
Special equipment and software	49,412.88	49,412.88		
Expenses for the project implementation	21,000.0			21,000.0
Recruitment of experts for selection and adaptation of software and hardware	5,000.0	5,000.0		
Selection of special equipment for the centre; elaboration of documents for selection of special equipment	2,000.0		2,000.0	
Development of information and training portal through extension	8,000.0			8,000.0

of the education opportunities; creation of the database of job opportunities for graduates of the centre; help in recruitment and further support of the graduates of the centre				
Total	133,542.78	54,412.88	2,000.0	77,129.9
Total for the project	133,542.78			

Potential partners:

1. Education Ministries of the CIS countries
2. Institute of Electronics and Telecommunications under Kyrgyz State Technical University n.a. I.Razzakov
3. State Communication Agency under the Government of Kyrgyz Republic
4. Equal Opportunities Social Centre (Kyrgyz Republic)
5. UNESCO IITE

Countries involved in the project:

1. Kyrgyz Republic
2. Republic of Belarus

Note: Results of the Project implementation can be used in all CIS countries.

Activities to be implemented in 2015

1. Preparation and improvement of the premises in accordance with the elaborated recommendations and regulatory documents, which set out requirements to process of education of people with disabilities; to the buildings of educational institutions and logistical support of educational process, to make them accessible for people with disabilities.
2. Preparation and improvement of the premises.
3. Selection of special equipment; development of documents on selection of special equipment.
4. Training of teachers for further work with people with disabilities.
5. Matriculation and education of people with disabilities at the KSTU n.a. I.Razzakov in accordance with the chosen professions.
6. Conducting of works for organization of process of education for people with disabilities (development of training materials, profession oriented modules, multimedia training aids, monitoring and test materials etc.). Provision of text books and courseware.
7. Development of the report of the work of the Centre.

Activities to be implemented in 2016

1. Conducting of professional orientation work with people living with disabilities.
2. Matriculation and education of people with disabilities at the KSTU n.a. I.Razzakov in accordance with the chosen professions.
3. Conducting of works for organization of the process of education of people with disabilities (development of training materials, profession oriented modules, multimedia training aids, monitoring and test materials etc.). Provision of text books and courseware.

4. Creation of database of people with disabilities, trained at the Centre.
5. Development of the report of the work of the Centre. Publication of the materials.

Activities to be implemented in 2017

1. Conducting of professional orientation work with people living with disabilities.
2. Matriculation and education of people with disabilities at the KSTU n.a. I.Razzakov in accordance with the chosen professions.
3. Conducting of works aimed at organization of the process of education of people with disabilities (development of training materials, profession oriented modules, multimedia training aids, monitoring and test materials etc.). Provision of text books and courseware.
4. Provision of methodological assistance to educational institutions working with people with disabilities.
6. Conducting of workshop aimed at professional training of people with disabilities to upgrade their professional competence.
7. Development of the report of the work of the Centre. Publication of the materials.