

2.7 LEARNING MANAGEMENT SYSTEM “SCORINA”

Implementing agency	UNESCO/ UNEVOC
Focus	Using AI and digital innovations to support learners with disabilities
Geographical reach	National: Republic of Belarus
Target beneficiaries	People with special needs
Monitoring and evaluation	Not available

What – a description of the initiative

This initiative is a distance learning management system that provides inclusive education for people with special needs. The system under development will allow for the implementation of a fully-fledged educational process at any level. The system allows education to be undertaken remotely, for both intermediate and final certification, and provides for expanding educational opportunities for people with special needs.

Who – initiators, supporters and partners

The project is under the UNESCO Chair of Professional Education in the Field of Information and Communication Technologies for Persons with Special Needs at the Institute of Information Technologies of the Belarusian State University of Informatics and Radio Electronics.

Why – the problem addressed

The intention is to improve accessibility of IT education for people with special needs by using ICT and mobile technologies; to scale up IT literacy among youth and adults, taking into account the special needs of people with disabilities, and using their potential to promote social and economic transformation.

How – supporting inclusion

The system contains various modules using innovative solutions, such as a support module implemented through machine learning; a module for the visualization of virtual laboratory layouts and installations; and a performance monitoring module that monitors statistics for passing control tests, analyses these and indicates weaknesses. In parallel, training content in the field of information and communication technologies is being developed.

Results – successes and challenges

The system is currently under development and will be introduced for the education of people with special needs at the Institute of Information Technologies of the Belarusian State University of Informatics and Radio Electronics.

Additional information

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