**Theory of Change Project NP 26 Measure 4.1 OPE**

**Model of change in project NP 26**

**Project title:** Raising the quality of education at primary and secondary schools utilising electronic testing

**Target group:** primary and secondary school pupils, teaching staff and staff working in education, university students

**Model of action in project NP 26**

**Project title:** Raising the quality of education at primary and secondary schools utilising electronic testing

**Beneficiary:** The National Institute for Certified Educational Measurements

**OUPUTS OF ACTIVITIES**

**ACTIVITIES**

**OUTCOMES OF ACTIVITIES**

**SHORT-TERM IMPACTS**

**EXPECTED LONG-TERM IMPACTS**

**MEASURE 4.1 OBJECTIVES**

Focus the training and continuing education of pedagogical personnel toward acquiring and developing the competences needed to transform a traditional school in a modern one

Innovate content and methods, raise the quality of education for the labour market needs in a knowledge-based society

Improvement of the process of teaching and learning of the educational level ISCED 2 and ISCED 3

Methodological materials and publications

National report PISA 2012

Thematic report PISA 2006

Methodology of development of tasks in line with the State educational programme standard for ISCED 2 and ISCED 3

Expert publication for specialist psychologists and teaching staff

Training for participants of the process of development of tasks and tests

80 school measurements undertaken

Report on school self-evaluation

Report for the decision-making sphere on education

Development of tasks and tests for continuous school testing (school database of tasks) and objective testing processing

Education corresponding to the labour market needs in a knowledge-based society

Testing tools for verification of knowledge and key competences of pupils

Database of 30,000 tasks

Introduction of a set of electronic tools to evaluate monitoring of knowledge and key competences of pupils

Pupils with enhanced key competences

Database of 130 tests

Introduction of electronic testing to monitor the level of knowledge, skills and key competences of pupils, tracking the trends of the school quality development

Electronic system e-Test was used by 770 primary and secondary schools in 2017

Thematic report PISA 2012

10 national testing undertaken

Collection of tasks of study PISA 2012

51,288 pupils took part in electronic testing in 2017

Ensure institutional quality of schools and school facilities

Collection of tasks of study TIMSS 2011 from Mathematics and Sciences

**EXTERNAL FACTORS**

**BASELINE NEEDS OF THE TARGET GROUP**

**PROJECT INPUTS**

**OUTCOME AND IMPACT INDICATORS**

**Total eligible expenditure:**

2,564,829.76 EUR

**Spending:**

2,249,876.38 EUR

(87.72%)

**Implementation period:**

1/2013 – 12/2015

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Measurable indicators** | Target | Achieved (based on the follow-up monitoring report) |
| V | Number of innovated/ newly created learning resources | 5 | 5 |
| V | Number of target group members aged 15-24 involved in the supported projects | 4 700 | 7 974 |
| V | Number of persons involved in the project activities | 14 564 | 13 956 |
| V | Number of schools involved in implementation of project activities using ICT technology in the teaching and learning process | 180 | 169 |
| V | Number of implemented electronic services | 1 | 1 |
| V | Number of pupils involved in the project activities | 14 500 | 13 850 |
| D | Number of schools using the project outputs after the end of the project implementation | 180 | 85 |
| D |  | 900 | 870 |

* Monitoring of level of knowledge, skills and key competences of pupils, tracking the trends of the school quality development
* System of national measurements of the education development in primary and secondary schools in the context of the curricular reform

* Interest of teaching staff in introduction of innovation into the process of teaching and learning
* Interest of schools in collaboration