**Theory of Change Project NP 24 Measure 4.1 OPE**

**Model of change in project NP 24**

**Project title:** Modernisation of the educational process at secondary schools

**Target group:** secondary school pupils and teaching staff

**Model of action in project NP 24**

**Project title:** Modernisation of the educational process at secondary schools

**Beneficiary:** The Slovak Centre of Scientific and Technical Information

**OUTPUTS 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

Experimental e-content for secondary school teachers‘ training with a focus on modernisation of teaching and learning utilising ICT in selected subjects

Teachers are prepared for the new state educational programme with the support of multi-media and digital content and using ICT to modernise the process of teaching and learning

Teachers actively use the educational portal and multimedia content for further training

Multi-media content for teacher training to modernise education

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

Development of teaching and learning resources for teachers to modernise education

Developed a collaborative educational portal for teachers

Teachers develop their own materials and digital teaching and learning resources using ICT

Teachers and pupils use new methods using digital materials in the process of teaching and learning

Developed manuals in printed and digital form using e-content and ICT to modernise the process of teaching and learning

National and regional conferences and workshops for sharing good practice in modernisation of education

Introduced innovated and modernised methods of teaching and learning for new competences in the Modern school of the 21st century

Implementation of methodologically innovated teachers‘ preparation with a focus on ICT

Pupils with enhanced key competences

Development of 7 innovative manuals for teacher training with a focus on methodological models of education using ICT

Teaching staff with ICT competences actively contribute to the transformation of a traditional school into a modern one

Increased competences and skills of teachers working with digital technologies in the process of teaching and learning

Teaching staff successfully graduated from the educational programme focused on new competences and skills

Ensure institutional quality of schools and school facilities

Accredited study programme ‚Modernisation of education in secondary schools using ICT‘

Teacher training in modernisation of the process of teaching and learning

Teaching staff introduced new project and constructivist methods of teaching and learning including ICT

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Measurable indicators** | Target | Achieved (based on the follow-up monitoring report) |
| V | Number of newly-created/ innovated educational programmes using ICT | 7 | 7 |
| V | Number of newly-created educational programmes | 7 | 7 |
| V | Number of teaching staff involved in the project activities | 260 | 375 |
| V | Number of training courses for teaching staff | 21 | 31 |
| V | Number of schools involved in the project activities | 119 | 112 |
| V | Number of schools involved in the implementation of project activities with pupils from the marginalised Roma communities | 30 | 40 |
| V | Number of schools involved in implementation of project activities using ICT technology in the teaching and learning process | 119 | 112 |
| V | Number of staff members involved in the educational activities of the project | 260 | 317 |
| D | Number of educational programmes used after the end of the project implementation | 9 | 7 |
| D | Number of teaching staff members using the project outputs after the end of the project implementation | 127 | 119 |
| D | Number of staff members successfully graduating from the educational programme | 275 | 229 |

**OUTCOME AND IMPACT INDICATORS**

**BASELINE NEEDS OF THE TARGET GROUPS**

**PROJECT INPUTS**

**Total eligible expenditure:**

45,401.78 EUR

**Spending:**

191,118.21 EUR

(41.69%)

**Implementation period:**

12/2008 – 11/2013

* Preparation of teaching staff for a new state educational programme
* Multimedia and digital teaching resources available electronically
* A need to increase digital literacy of teachers
* Methodological support in introduction of ICT into the process of teaching and learning

* Interest of teaching staff in introduction of innovations into the process of teaching and learning
* Interest of teaching staff in further education and training

**EXTERNAL FACTORS**