**Theory of Change Project NP 32 Measure 4.2**

**Model of action in project NP 32**

**Project title:** Further Informatics training of teachers at primary and secondary schools

**Beneficiary:** The National Institute for Education

**Model of change in project NP 32**

**Project title:** Further Informatics training of teachers at primary and secondary schools

**Target group:** teaching staff at 1st and 2nd level of primary school and teaching staff in secondary school

**OUTPUTS OF ACTIVITIES**

**ACTIVITIES**

**OUTCOMES OF ACTIVITIES**

**Short-term impacts**

**long-term impacts**

**MEASURE 4.2 OBJECTIVES**

Adapt higher education to the needs of a knowledge-based society

Accredited training programme for teaching of Informatics

Accredited training programme is included in further education of teaching staff

Training of Informatics teachers at 1st stage of primary schools

Increase the quality of and develop human resources in research & development

Methodological and training materials, specialised literature for teaching of Informatics

Established and verified infrastructure of continuing education for teaching of Informatics

Improved competences of teaching staff in Informatics and its teaching methods

Teaching staff successfully completed the continuing education programme and acquired certificate of the completion of accredited programme

Support the cooperation between HEIs, research & development organisations and the private sector on the national and international level

Accredited study programme for Informatics

Developed system of continuing education programmes for teaching staff

Enough qualified teachers for teaching of Informatics

Accredited study programme is included in further education of teaching staff

Teaching staff successfully completed the continuing education programme and acquired certificate of the completion of accredited programme

Training of teachers not qualified for teaching of Informatics at the 2nd stage of primary and secondary school

Series of study programmes at Slovak faculties at HEIs corresponding to continuing education programme

Created conditions for successful implementation of the State Educational Programme with compulsory subject Informatics at the 1st stage of primary school

Methodological and training materials, specialised literature for teaching of Informatics

Application of newly created study materials into training of university teachers

Increase quality of continuing education programmes and institutions, including development of compatibility and permeability system between formal, non-formal and informal education sectors and increase the share of economically active inhabitants participating in continuing education programmes

Development of digital literacy of primary and secondary school

Accredited training programme is included in further education of teaching staff

Accredited training programme for teaching of Informatics

Further training of teachers qualified for teaching of Informatics at the 2nd stage of primary and secondary school

Methodological and training materials, specialised literature for teaching of Informatics

Teaching staff successfully completed the continuing education programme and acquired certificate of the completion of accredited programme

Purchase of notebooks, data projectors, USB and software for the training participants

ICT utilising in teaching process

Training participants are using technical equipment in teaching process

Project facilities and equipment

**BASELINE NEEDS OF THE TARGET GROUPS**

**OUTCOME AND IMPACT INDICATORS**

**PROJECT INPUTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Measurable indicators** | Target | Achieved (based on the follow-up monitoring report) |
| V | Number of newly created / innovated training and study programmes | 3 | 3 |
| V | Number of schools participating in implementation of the project activities | 60 | 122 |
| V | Number of employees participating in the project training activities | 199 | 195 |
| V | Number of implemented electronic services | 3 | 3 |
| D | Number of newly created / innovated training programmes that are used after project completion | 3 | 3 |
| D | Number of schools that use project outcomes after the project completion | 60 | 104 |
| D | Number of employees using project outcomes after the project completion | 199 | 191 |
| D | Number of employees who successfully completed training programme | 175 | 191 |

**Total eligible expenditure:**

1,053,171.81 EUR

**Spending:**

503,602.61EUR

(47.82%) based on the follow-up monitoring report

**Implementation period:** 10/2008 – 09/2011

* Informatics is often teaching by teachers who are not qualified for that
* Insufficient number of teachers qualified for Informatic teaching at primary and secondary schools in line with approved new reform that introduced subject Informatic at the 1st stage of primary school
* Innovated educational methods with focus on ICT utilising

**EXTERNAL FACTOR**

* Interest of teaching staff in continuing education