

THE SUMMARY UNDER THE PROJECT OFFERED FOR REALIZATION IN FRAMEWORKS IN ICT. PROGRAMS OF TEMPUS FOR 2014-2016

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Abstract. This report discusses the generation competence in sphere ICT, working out and introduction of an information portal under the account of places an expert in vocational training sphere, preparation of experts, creation and conducting registers of the certificated places an expert and the accredited organizations, communication of training with manufacture. Working out and introduction of programs of modernization of systems of vocational training of subjects of Moldova, Romania and Russia in sphere ICT Development of regional systems of vocational training, strengthening of base establishments of initial, average, higher and continuous vocational training of Moldova, Romania and Russia in sphere ICT. Perfection of complex regional programs of development of vocational training, taking into account experience of their realization in Moldova, Romania and Russia in sphere ICT. Creation and development educational clusters on the basis of establishments of the higher vocational training in Moldova, Romania and Russia in sphere ICT. Maintenance of conditions for development and introduction of independent system of an estimation of quality of formation at all levels of education systems.

1. Introduction

The project name.

Partnership of education and business in sphere ICT (EDUCOM) Generation competence in sphere ICT, working out and introduction of an information portal under the account of places an expert in vocational training sphere, preparation of experts, creation and conducting registers of the certificated places an expert and the accredited organizations, communication of training with manufacture

Number and the name of action and sub action.

Problem 1. "Reduction of the maintenance and vocational training structure in conformity with requirements of a labor market"

1. Working out and introduction of programs of modernization of systems of vocational training of subjects of Moldova, Romania and Russia in sphere ICT.

1.1. Development of regional systems of vocational training, strengthening of base establishments of initial, average, higher and continuous vocational training of Moldova, Romania and Russia in sphere ICT.

1.2. Perfection of complex regional programs of development of vocational training, taking into account experience of their realization in Moldova, Romania and Russia in sphere ICT.

Problem 2. "Development of system of an estimation of quality of formation and a demand of educational services"

2. Support of development of associations of educational institutions of vocational training (clusters type) on the basis of high schools of Moldova, Romania and Russia in sphere ICT.

2.1. Creation and development educational clusters on the basis of establishments of the higher vocational training in Moldova, Romania and Russia in sphere ICT.

Problem 3. "Development of system of generation competences in sphere ICT for educational institutions"

3. Maintenance of conditions for development and introduction of independent system of an estimation of quality of formation at all levels of education systems of Moldova, Romania and Russia in sphere ICT.

3.1. Development of system of an estimation of quality of the general education in Moldova, Romania and Russia in sphere ICT.

3.2. Working out, approbation and introduction of models of independent system of an estimation of results professional and additional education in sphere ICT

4. Development of system of an estimation of quality of vocational training on the basis of creation and introduction of mechanisms of certification of qualifications of experts and graduates of educational institutions taking into account integration of requirements of the Federal State Educational Standard and professional standards into Moldova, Romania and Russia in sphere ICT.

4.1. Working out and approbation of technologies and toolkits of certification of professional qualifications, creation of the expert-methodical centers in Moldova, Romania and Russia in sphere ICT.

5. Creation of uniform information system of an education sphere

5.1. Creation based on ICT control systems of quality of the formation, providing access to educational services and services in Moldova, Romania and Russia in sphere ICT.

5.2. Creation of conditions for reporting minimization at simultaneous increase of responsibility by means of introduction of electronic document circulation, development of system of open electronic monitoring and the obligatory public reporting of educational institutions in Moldova, Romania and Russia in sphere ICT.

5.3. Creation, development and support of the information systems providing managerial processes on separate lines of activity in sphere of control, supervision and an estimation of quality of formation in sphere ICT at federal, regional, municipal levels, at educational institution level in Moldova, Romania and Russia.

Project financing in million euros.

Project financing	Total	First year	Second year	Third year
From off-budget sources	1,9	0,6	0,7	0,6

2. A substantiation of an urgency of performance of the project

“...high school formation has actually lost such component as practice passage, and many students try independently, to the detriment of theoretical preparation, to receive the practical experience claimed by a labor market.” [1]

The project is directed on maintenance of realization of the program of Tempus on a development of education for 2013-2015, the Concept of innovative development of the country till 2020, and also the Concept of long-term social and economic development of the Moldova, Romania and Russia for the period till 2020 [2].

“It is offered to pass to certification of quality of educational programs exclusively through measurement minimum competence within the limits of a subject kernel at the students trained under the program, since a third year”.

“The high educational level of the population, a huge heritage of fundamental science, presence of the engineering schools, the base which has remained in much branches of pilot production — we are obliged to involve all these factors”. [1]

The realization urgency is connected with development of system of communications of vocational training and the organizations, wishing to form new generation of workers. The formed market of services in sphere of a quality assurance of formation is necessary for regulating by means of communication of educational process and firms of workers needing attraction. The decision of this problem will correspond to requirements of The Bologna Process on maintenance of mobility of students not only regarding theoretical development of the basic educational programs, but also in practical preparation as one of the basic components of educational process.

It is offered to develop an information portal of passage for performance of the given problem an expert students of establishments of vocational training, to formulate requirements to vocational training quality assurances, to organize preparation of experts in the field activity and conducting registers of the certificated places an expert and the accredited organizations, support of development of associations of establishments of vocational training (cluster type) on the basis of HIGH SCHOOLS.

Thus, educational institutions and students will have possibility of a choice of places an expert proceeding from own preferences, being guided by registers of the accredited organizations and the certificated places an expert, and also increases in a share of the students trained under programs in which possibility of passage an expert in foreign firms is included.

By working out of model and projects of standard legal maintenance of creation and approbation of national system of certification of places an expert of educational institutions it is necessary to consider foreign experience on the organization an expert, as basic binding element of training and needs of economy.

3. Area of practical use and application of results of performance of the project:

Results of the project can be used the Ministry of Education and Science of the Russian Federation, Rosobrnadzor, controls formation of subjects of the

Russian Federation, the organizations and associations of employers, professional communities with a view of formation of national system of certification of places an expert of establishments of formation for perfection of the national monitoring system and maintenance of quality of vocational training, and also for regulation of the market of services in sphere of a quality assurance of the formation forming now.

Results of work will provide working out of is standard-legal maintenance of creation and approbation of national system of certification of places an expert of educational institutions.

Area of practical use and application of concrete results of performance of the project is the segment of communication of system of educational institutions with the enterprises.

4. The purposes and problems, the short description of the project

The project purpose: Generation competences in sphere ICT, working out and introduction of an information portal on vocational training experts, preparation of experts, conducting registers of the certificated places an expert of educational institutions and the accredited organizations (EDUCOM)

Project problems:

1. To carry out the analysis of the international experience of the organization an expert in educational institutions and the international requirements to the organization an expert of students in vocational training establishments.

2. To develop requirements to the organization and the maintenance an expert for establishments of initial, average, higher and continuous vocational training within the limits of creation of uniform national system of certification of places an expert.

3. To develop the concept of creation and approbation of national system of certification of places an expert for educational institutions, the specialized web portal containing the register of certificated places an expert and the accredited organizations (enterprises).

4. To spend public discussion of the concept of creation and approbation of a federal information portal on vocational training experts, preparation of experts, conducting registers of the certificated places an expert and the accredited organizations (enterprises).

5. To develop models and projects of is standard-legal maintenance of a federal information portal on experts in system of initial, average and higher vocational training, preparation of experts, to conducting registers of the certificated places and the accredited organizations (enterprises).

6. To carry out preparation of the methodical and is standard-legal documentation and recommendations for carrying out of approbation of a specialized information web portal on experts for educational institutions of initial, average and higher vocational training, preparation of experts, to conducting registers of the certificated venues an expert and the accredited organizations (enterprises).

7. To develop system of requirements to quality assurances for system of certification of places an expert of educational institutions of initial, average and higher vocational training in sphere ICT.

8. To spend approbation of model of information support and interaction of educational institutions and the organizations (enterprises) for experts of students, projects of is standard-legal maintenance of national system of certification of places an expert of educational institutions of initial, average and higher vocational training.

9. By results of approbation to finish the project of creation and support of national system of certification of places an expert for educational institutions.

10. To develop methodical materials for preparation and improvement of professional skill of experts of system of certification of place an expert for educational institutions.

11. To prepare experts of system of certification of place an expert of educational institutions.

12. To develop methodical materials of national system of certification of places an expert of educational institutions for placing on a specialized federal information web portal.

13. To create the specialized information web portal containing the register of certificated places an expert and the accredited organizations.

14. To spend analytical supports of monitoring of employment of graduate on the places an expert.

15. To develop and approve methodical recommendations about carrying out an expert.

16. To investigate preconditions and to generate base tools of development educational clusters on the basis of interaction of high schools with firms and educational institutions of other levels.

17. To create conditions for development and integration of results of the state and public estimation of quality of activity of educational institutions into sphere of satisfaction them of requirements of the enterprises.

18. To develop the concept of creation and approbation of national system generation competences in sphere ICT

5. Expected results

First year

1. The report on results of the analysis of the international experience and an expert on creation of national systems of certification of place an expert of educational institutions in volume not less than 2 items of l.

2. The report on results of the analysis of the international requirements to places an expert of educational institutions in volume not less than 2 items of l.

3. Requirements to bodies of socially professional accreditation of place an expert of educational institutions within the limits of creation of system of their national certification.

4. The concept of creation and approbation of national system of certification of places an expert of educational institutions in volume not less than 3 items of l.

5. Model of the specialized information web portal containing the register of certificated places an expert and the accredited organizations (enterprises)

6. The international seminar for discussion of the concept of creation and approbation of national system of certification of places an expert of educational institutions lasting not less than 2 days with quantity of participants to 130 persons.

Second year

7. Model and projects of is standard-legal maintenance of national system of certification of places an expert of educational institutions in volume not less than 5 items of l.

8. The methodical both is standard-legal documentation and recommendations for carrying out of approbation of model and projects of is standard-legal maintenance of national system of certification of places an expert of educational institutions in total amount not less than 5 items of l.

9. The report on approbation of model and projects of is standard-legal maintenance of national system of certification of places an expert of educational institutions. Approved model and projects of is standard-legal maintenance of national system of certification of places an expert of educational institutions.

10. Finished model and projects of is standard-legal maintenance of national system of certification of places an expert of educational institutions.

11. System of requirements to quality assurances of vocational training and preparation of experts for system of certification of places an expert of educational institutions.

12. Methodical materials for preparation and improvement of professional skill of experts of system of certification of place an expert of educational institutions in volume not less than 5 items of l.

13. Working out of courses of improvement of qualification, including: target audience definition; gathering and generalization of materials for courses; working out of educational - methodical and control and measuring materials of courses (76 teacher Hours)

14. The international seminar for discussion of the concept of generation competences in sphere ICT, creations and approbations of national system of generation competences educational institutions lasting not less than 2 days with quantity of participants to 100 persons.

Third year

15. Not less than 100 prepared experts of system of certification of places an expert of the educational institutions that have passed courses of preparation.

16. Methodical materials of national system of certification of place an expert of educational institutions for placing on a specialized portal.

17. The specialized information Internet portal of wide access containing the statistical registers of places an expert; competences in sphere ICT, the certificated experts and the accredited organizations. Filling and support of an information portal.

18. Creation of a command for participation in the European grants of Tempus and the new framework programs of the European Union on scientifically technological and innovative development "Horizon 2020"

19. Database creation competences in sphere ICT.

20. Creation of conditions for generation competences in spheres ICT.

21. Not less than 100 prepared experts of system of generation competences in sphere ICT of the educational institutions that have passed courses of preparation.

6. Main results of the project

Problem 1 “Reduction of the maintenance and vocational training structure in conformity with requirements of a labor market”:

- An indicator № 1 “the Share of students of establishments SPO trained on educational programs in which realization employers (including the organization educational and an industrial practice participate; granting of the equipment and materials; participation in working out of educational programs and an estimation of results of their development, carrying out of studies), from an aggregate number of students of establishments SPO”;

- An indicator № 2 “the Share of graduates of the high schools which have found a job at the innovative enterprises, created by high schools (including in frameworks 217-FZ), from an aggregate number of graduates of high schools”;

- An indicator № 3 “the Share found a job not later than end of the first year after release of graduates day/full-time course of study on the basic educational programs of vocational training (including programs of the higher vocational training), from an aggregate number of graduates day/full-time course of study on the basic educational programs of vocational training of corresponding year”;

- An indicator № 4 “the Share of the students trained under programs, in which possibility to realize a program part (including training) in foreign high schools, from an aggregate number of students of high schools” is included;

- An indicator № 5 “the Share of teachers which work in the high schools participating in interuniversity cooperation, and have possibility to conduct research on the basis of other establishments, from an aggregate number of teachers of high schools”;

Problem 2 “Development of system of an estimation of quality of formation and a demand of educational services”

- An indicator № 6 “the Share of the families having possibility operatively in electronic form to receive the information on progress of children, from an aggregate number of the families having children of teenage age”;

- An indicator № 7 “the Share of the educational institutions openly giving the authentic public information on the activity on the basis of system of automated monitoring, from total number of educational institutions”;

- An indicator № 8 “Quantity of educational levels on which possibilities of an objective estimation of quality of formation” are realized;

- An indicator № 9 “Quantity of the state (functions) rendered in electronic form, integrated with a uniform information-analytical control system of the educational environment”;

- An indicator № 10 “the Share of official bodies of the higher vocational training integrated with a uniform information-analytical control system by the educational environment”;

- An indicator № 11 “the Share of the educational institutions integrated with a uniform information-analytical control system by the educational environment”;

- An indicator № 12 “the Share of controls formation of subjects of the Russian Federation integrated with a uniform information-analytical control system by the educational environment”.

Problem 3 “Development of system of generation competences in sphere ICT for educational institutions”

- An indicator № 13 “the Share of the educational institutions integrated with uniform information-analytical system of generation competences in sphere ICT for educational institutions”.

- An indicator № 14 “the Share of controls formation of subjects of the Russian Federation integrated with uniform information-analytical system of generation competences in sphere ICT for educational institutions”.

References

[1] Kuzminov, Y., Mau, V., Sinelnikov-Murylev, S. *Country, where many bad high schools*, The expert № 37 (674) on September, 28th October, 2009. P. 72 (in Russian)

[2] Putin V. The new economy. Available at: http://www.vedomosti.ru/politics/news/1488145/o_nashih_ekonomicheskikh_zadachah#ixzz112dsV7b8. Accessed: 2012-01-30 (in Russian)