

PORTFOLIO

OF JOINT EDUCATIONAL PROJECTS OF IGOR SIKORSKY KPI

*Presentation for the foreign partners of the potential
opportunity of cooperation with Igor Sikorsky KPI in the
area of education: benefits, types, forms and content of
the advanced design arrangements*

Foreign Economic Activity Office
International Collaboration Department
Igor Sikorsky KPI

forea@kpi.ua

www.forea.kpi.ua

+38 (044) 236-62-81

PORTFOLIO

OF JOINT EDUCATIONAL PROJECTS OF IGOR SIKORSKY KPI

STRUCTURE

- EDUCATIONAL PROJECT IN THE FORM OF «PREPARATORY DEPARTMENT»
- EDUCATIONAL PROJECT IN THE FORM OF «TRAINING CENTER»
 - ON THE BASIS OF IGOR SIKORSKY KPI
 - ON THE BASIS OF THE FOREIGN PARTNER
- EDUCATIONAL PROJECT IN THE FORM OF «BACHALOR'S PROGRAMME / MASTER'S PROGRAMME»
- EDUCATIONAL PROJECT IN THE FORM OF «NETWORK EDUCATION PROGRAMME»
- EDUCATIONAL PROJECT IN THE FORM OF «ACADEMIC MOBILITY OF THE SCIENTISTS»
- EDUCATIONAL PROJECT IN THE FORM OF «JOINT UNIVERSITY»

Complex of joint educational projects, prospective for implementation by the Igor Sikorsky KPI and a foreign partner in Ukraine and abroad

EDUCATIONAL PROJECT IN THE FORM OF «PREPARATORY DEPARTMENT»

PROJECT OBJECTIVES

- Joint launching into the market of a new educational product on providing the services directly to the listeners of preparatory training courses in country of their residence
- Obtaining the real economic results
- Achievement of a positive social impact

PROJECT CONTENT

- «Preparatory Department» is a joint educational project of Igor Sikorsky KPI and a foreign partner which is realized as a franchise with the assignment of rights to distribute the educational services of the university through the creation of the joint centers of preparatory training in the country of the student residence with the utilization of partner's resources
- In the case of successful completion of training, students receive the relevant certificate that allows enrolling to any higher education institution of Ukraine.

PROJECT ADVANTAGES

- Project solution can be easily adapted to the educational systems of the world countries
- The project has a more effective cycle of the transfer of the educational services of the preparatory training, as compared with the traditional scheme
- The main form of the project realization that provides a mutually advantageous cooperation is the partnership without the creation of separate legal entities and allocation of separate subdivisions of partners with clearly definite stages of implementation and separation of the partner's resources
- Preparatory department, organized on this model, is the least expensive source of educational services for their end-user, it is the clear market advantage

EXPECTED RESULTS OF THE PROJECT

- Creation of a joint center of preparatory training of students as a new educational product for regional markets
- Improving the access of foreigners to the Ukrainian higher education
- Building of effective network of partnerships with the prospects of implementation of other types of joint educational projects (joint educational projects of training the bachelors, masters, and Ph.D.'s, as well as the creation of training centers for the advanced training of teachers, engineers, and technicians)

EDUCATIONAL PROJECT IN THE FORM OF «TRAINING CENTER»

ON THE BASIS OF THE IGOR SIKORSKY KPI

PROJECT OBJECTIVES

- A joint launching in the market a new educational product on the providing the education services of the expert training in the selected field on the basis of Igor Sikorsky KPI
- Obtaining the real economic results
- Achievement of positive social impact

PROJECT CONTENT

- «Training center» is a joint educational project of Igor Sikorsky KPI and a partner company on the organization of the training centers in the chosen professional field on the basis of the university, which will allow connecting the fundamental traditions of the higher technical education with the actual practical developments and market solutions
- The center will provide educational services in the form of 1-2-week specialized training courses for individual specialists of the companies for the Ukrainian/foreign market, providing economic benefits from the project realization
- The center shall be the teaching and laboratory base for the acquisition of relevant practical skills of students promoting the positive changes in the classical university courses
- The center can ensure the elaboration of a comprehensive educational and methodical base for training employees of companies based on specified criteria
- The center can offer additional unique co-developed with partners highly specialized educational programme for students in their selected field. The best graduates of the programme will be able to qualify for a partnership with a company that will be a significant advantage of the program in the education market
- Training of specialists at the Center will be completed by the issuance of the relevant certificate

FUTURE DEVELOPMENT OF THE PROJECT

- In future, centers of such kind could be created in other countries on the basis of local universities to prepare the specialists by means of network training, providing them by the country recognized diplomas of higher education in the specialties that are demanded by the labor market specialties. At the same time, the company will get the highly skilled specialists with relevant practical experience
- Igor Sikorsky KPI Center can be served as a representative office, which coordinates the further cooperation and implementation of joint educational and scientific projects of any company in Ukraine

ON THE BASIS OF A FOREIGN PARTNER

PROJECT OBJECTIVES

- Joint launching into the market a new educational product on the providing the education services of the expert training in the selected field on the company's request or according to the existing developed courses and programs on the basis of a partner
- Obtaining the real economic results and achievement of positive social impact

POTENTIAL PARTNER

- educational institution
- foreign company
- international organization

PROJECT CONTENT

The center will provide educational services in the form of short-term specialized training courses for individual professionals of the foreign companies, international organizations, providing economic benefits from the project. The specialists training at the center will be completed by the issuance of the relevant certificate

CONSUMERS OF THE PROJECT SERVICES

- Mass consumer (mass) is separate expert or group of experts willing to listen to the short-course educational programme in the following areas: computer technology, chemistry, electronics, economics, social sciences
- Corporate consumer (corp) is a company tending to improve the skills of experts with the adaptation of educational courses on the profile of a particular company; developing a comprehensive educational and methodical base for training of company's employees according to the specified criteria
- International consumers (global) are international organizations and programmes that require certification of groups of participants to work in international projects, international procurement tenders of the educational services

PROJECT ADVANTAGES

- The center will join the fundamental traditions of the higher technical education with the actual practical developments and market solutions
- Such a partnership without the creation of separate legal entities and allocation of separate subdivisions of the partners with clearly defined stages of implementation and the separation of partner's resources provides a mutually beneficial cooperation

EDUCATIONAL PROJECT IN THE FORM OF « BACHALOR'S PROGRAMME / MASTER'S PROGRAMME »

PROJECT OBJECTIVES

- Joint launching into the market of a new educational product of the providing the education services on the training of students at the level of baccalaureate/magistracy abroad on the infrastructural basis of the partner's higher educational institution
- Obtaining the real economic results and achievement of positive social impact

PROJECT CONTENT

The project is focused on the provision of educational services on the level of bachelor/master directly in the country of student's residence on the base of the partner university. Educational programmes are implemented and approved jointly by several universities. The result of training of students in joint educational programmes will be the assignment of the appropriate degrees and diploma of partner universities. Types of joint educational programmes, prospective for the realization of the project:

- accredited and validated programmes (recognition by the universities-partners of the program's equivalence with the possibility of issuing of their own diplomas for graduates of the partner university)
- programmes in the form of franchising (Igor Sikorsky KPI will transfer the rights to distribute its educational programme to the university partner while maintaining the right of a training quality control)
- double degree programmes (harmonization of curricula, teaching methods and assessment of students' knowledge, mutual recognition of learning outcomes in the partner institutions, the presence of the general structure of the program management, the issuance of joint diploma)

In the framework of each type of the programmes, students are required to pass the part of studying directly at Igor Sikorsky KPI.

PROJECT ADVANTAGES

- Improving the competitiveness of the partner universities
- Enrichment of existing educational programmes with innovative elements of universities-partners programme
- The main form of the project realization provides a mutually advantageous cooperation is the partnership without the creation of separate legal entities and allocation of separate subdivisions of the party partners with clearly definite stages of implementation and the separation of partner's resources

EDUCATIONAL PROJECT IN THE FORM OF «NETWORK EDUCATION PROGRAMME»

PROJECT OBJECTIVES

- Joint launching into the market of a new educational product of the providing the education services on the training of students at the level of bachelor's programme / master's programme in the network form with the participation of Igor Sikorsky KPI, partner university and the Company (Companies)-partner
- Obtaining the real economic results and achievement of a positive social impact

PROJECT CONTENT

- The project is focused on the provision of educational services at the level bachelor/master in the network form of training directly to the student's country of residence on the basis of the infrastructure of the partner university and the partner company.
- Network training programme is realized and approved jointly by Igor Sikorsky KPI and a partner institution of higher education, which provides theoretical training process.
- The partner company is the basis of testing the theoretical knowledge, acquiring and improving the practical experience and learning skills at the production facilities of the relevant industry.
- The learning outcomes of students according to the network educational program will be the issuance of the relevant document of the partner universities

PROJECT ADVANTAGES

- Improving the competitiveness of partner universities by providing perspective unique educational programmes
- Combining in a single programme of resources of several universities and companies to ensure the quality, innovation and practical orientation in training the professionals
- Adapting practical skills training to the specific production conditions of the project implementation country
- Strengthening the links between universities, industry, and business
- Provision the companies participating in the project by the skilled experts who know the specifics of the work on a concrete production basis of the enterprise

PROSPECTS FOR THE PROJECT DEVELOPMENT

Institutions of higher education and the participant company can develop further cooperation in the frames of the project realization through the implementation of joint research projects of the international grant programmes.

EDUCATIONAL PROJECT IN THE FORM OF «ACADEMIC MOBILITY OF THE SCIENTISTS»

PROJECT OBJECTIVES

- Building of cooperation in the area of education and science between Igor Sikorsky KPI and the university / company-partner
- Obtaining the real economic results and achievement of positive social impact

PROJECT CONTENT

- The project is a part of a cooperation agreement between Igor Sikorsky KPI and a university/company partner – participants of the project
- The project is focused on the bringing together the educational and research capacity of Igor Sikorsky KPI and universities/companies participating in the project for the development of cooperation and resolving relevant scientific and industrial problems in the form of academic mobility of Igor Sikorsky KPI scientists.

Project works may include:

- Research and technical activity on a contractual basis
- Lectures and practical classes on the basis of university/partner company
- Preparation and publication of textbooks and manuals
- Development and implementation of distance learning technologies
- Consulting support of current activities
- Scientific advice on the universities research projects
- Partnership in scientific and technical publications
- Participation of Igor Sikorsky KPI scientists in solving single production problems arising in the course of company operation
- Solving of complex technical problems in the framework of the optimization of production processes

EDUCATIONAL PROJECT IN THE FORM OF «JOINT UNIVERSITY»

PROJECT OBJECTIVES

- Introduction into the market of a new educational project in form of establishment of the joint educational institution in the sphere of higher education – joint University
- Producing concrete economic results
- Achieving a positive social effect

CONTENTS OF THE PROJECT

- "Joint University" is a collaborative educational project of the Igor Sikorsky KPI with the foreign partner on the training of students according to the joint educational programmes with the final establishment of a separate legal entity - a university in the partner's host country. Within the framework of the Project, engineers will be trained at the "Bachelor", "Master" and "Ph.D." levels, as well as joint research activities, will be performed with the commercialization of the results. The project is implemented in two stages.
- At the first stage, cooperation is carried out without creating a separate legal entity. Formation of joint educational programmes is carried out first in the framework of the Master's programme, later - at the bachelor's level in the existing areas of education with the issuance of two diplomas: a diploma of the Igor Sikorsky KPI and the diploma of the partner university. At the first stage, there will be performed a study of the demand and volumes of the educational services market for a final decision on the feasibility of creating a separate legal entity.
- In the case of successful implementation of joint educational programmes, the participants pass to the official part of the registration of the joint University under the legislation of the country implementation of the Project (stage 2). Otherwise, it is possible to continue the implementation of the Project in the format of Phase 1. The result of the second stage should be the creation of a separate legal entity - a joint university with the right to award its own diplomas in accordance with the legislation of the country implementing the Project.
- Within the framework of the Project, the teaching staff is formed from representatives of the the Igor Sikorsky KPI and the partner university.

PROSPECTS FOR PROJECT DEVELOPMENT

- In the long term Project envisaged a gradual transition to the self-repayment system by providing educational, scientific and technical services to students, as well as services to the corporate customers: the state, organizations, industry, and business companies.
- An additional source of funding for the functioning and development of the joint University will be the participation of its scientists and teachers in international and national grant projects and programmes.