

**Erasmus+ Call for proposals**

**ERASMUS+ PARTNER SEARCH FORM**

(to be completed in English)

<b>General information</b>	
Partner-country	Uzbekistan, Kashkadarya region, Karshi city
Name of university: website:название	<b>Karshi engineering-economics institute, KEEI, website:</b> <a href="http://www.qmii.uz">www.qmii.uz</a>
Participant Identification Code (PIC)	<b>PIC: 925175040</b>
Brief description of university, faculty, department, number of students	Karshi Engineering-Economics Institute was established by the Cabinet of Ministers of the Republic of Uzbekistan in 1995. Currently, the institute has 7 faculties (Economics, Industrial technology, Geology and Mining, Oil and gas, Energy, Engineering-technical), 27 education departments, the department of science and scientific-pedagogical staff, the center of “Professional Development”, the center of “Gifted Students” and 2 academic lyceums. Today, 7557 bachelors are trained in 30 specialties, 78 masters in 8 specialties in the institute. There are 306 teachers, from which 15 are doctors and professors, 125 are associate professors and candidates of science. International relations are well organized and “The department of international relations” is in act. Currently, scientists of the institute are working with more than 20 foreign countries’ (such as Germany, China, Italy, Southern Korea, Netherlands, Poland, USA, Israel, Sweden, Spain, Russia, Ukraine, Belarus and Kazakhstan) higher educational institutions based on mutual scientific-applied co-operative contracts. Our students are currently studying at the foreign higher educational institutions of the countries such as USA, Italy, England, Belgium, and Germany. More than 40 of our teaching staff members have improved their qualifications in foreign universities.
Relevant information on previous or on-going international cooperation	<ol style="list-style-type: none"> <li>1. Tempus program. Project: PROMENG - Practice Oriented Master Programs in Engineering in RU, UA and UZ. 2010 -2013;</li> <li>2. Tempus program. Project: SWAN - Towards Sustainable Water Resources Management in Central Asia. 2010-2012;</li> <li>3. Tempus program. Project: PERSEUS - Plan to Establish Research-Science-Enterprise oriented Universities for the benefit of Society. 2010-2013;</li> <li>4. Erasmus Mundus. Action 2. Project: MANECA - Mobility Academic Network between EU and Central Asia. 2009-2013;</li> <li>5. TEMPUS program, MATCHES (Towards the modernization of higher education in Uzbekistan) project. 2013-2016.</li> </ol>
Contacts of responsible person: name, title (Mr, Mrs, Dr, Prof), position, telephone, fax, e-mails	Mr. Alibek Eshev Head of international relations department and Institutional Erasmus coordinator of KEEI. Tel: +998752210417, mob: +998914568805. e-mail: <a href="mailto:alibek_8805@mail.ru">alibek_8805@mail.ru</a> <a href="mailto:alibek_8805@yahoo.com">alibek_8805@yahoo.com</a> .
<b>Project description</b>	

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Type of the project: Joint Project (JP) or Structural Measure (SM)	Joint Project
Area of project: category A B , C or D	Project category A, D
category A Curriculum Development project: Subject area/academic discipline if applicable	Oil refinery technology, Plant oil production technologies.
Relevance to national or regional priorities	Regional priority
Brief need analysis	<p>Integration of production and education through the modernization of “Central Asian” training program in the sphere of food technology</p> <p>The food industry is one of the vital factors for humanity. Thanks to food industry, people can produce essential nutrients for mankind, as well as other products (eg soaps, detergents, etc.) readily available or semi-completed form.</p>
Objectives and activities	<p>Oil production is one of the crucial sectors of the food industry, which plays a significant role on its development, improvement and supporting of integration processes in agricultural sphere, and also puts forward a good solution to tackle unemployment issue of the country and makes a contribution to its welfare.</p> <p>Meanwhile, since previous decades, the fat-and-oil industry has been characterized by lessening and a decreasing the process of growing rates because of lacking raw material supply, insufficient level of technical equipment for production and equipment deterioration, shortcomings in production organization, etc. The structure of the output produced by the industry does not accommodate the full consumer requirements. Demand for margarine products, mayonnaise, soap with sufficient availability of raw materials, are not fully satisfied. The covering of the missing part is made at the expense of imports from neighboring countries and near abroad.</p> <p>The major features of oil industry are the dependence of the development of the industry on the level of development of cotton growing and the cotton-ginning industry (in particular, on the supply of raw materials and its quality), the location of enterprises from sources of raw materials.</p> <p>At present, in Uzbekistan, crops of such oilseeds as soybean, sunflower, and flax are being expanded, and production of fruit and vegetable products is increasing. Processing of non-traditional raw materials and waste products of canning and flour-grinding industry (fruit seeds and seeds, seeds of cereals) will allow expanding the range of produced fat-and-oil products.</p> <p>In addition, margarine production, produced in many countries, is widely criticized by “BO3”. In the near future it is necessary to find a solution for obtaining quality solid fats.</p>

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	<p>In recent years, the technology of production of fat-and-oil products has been improved, technological lines of low power (mini lines) adapted for processing raw materials in a small volume have been created.</p> <p>The idea of the project is to update and improve the quality of training programs in the food (fat and oil) industry to improve the quality and effectiveness of training.</p> <p>The purpose of the training programs are to train specialists in order to be able to organize and manage enterprises for complex processing of non-traditional raw materials, modernize existing equipment intended for the processing of cotton seeds in large quantities, and use new technologies to produce high-quality and useful products.</p> <ol style="list-style-type: none"> <li>1. Modernization of discipline for training two cycles (bachelor's and master's degree) on the basis of competence in the technology of production and processing of various types of oilseeds, designing production lines of small and medium capacity, creating technology for the production of safe products;</li> <li>2. Creation of research and production centers for the development and implementation of technology for processing various types of oilseeds;</li> <li>3. Creation of educational and scientific laboratories for the examination of raw materials and finished products.</li> </ol>
Expected results	<ol style="list-style-type: none"> <li>1. New curricula development enhances on the subject areas by the project results;</li> <li>2. Optimization of training programs;</li> <li>3. Training of specialists in organizing and setting up small-scale enterprises for processing various types of oilseeds;</li> <li>4. Organization of the research and production center for the development and introduction of technology for processing various types of oilseeds;</li> <li>5. Organization of educational and scientific laboratories for the examination of raw materials and finished products.</li> </ol>
Target groups and stakeholders (enterprises, student organizations, for SM – Ministry of Higher and Secondary Specialized Education of Uzbekistan)	<ul style="list-style-type: none"> <li>- Ministry of higher and secondary-specialized education of the Republic of Uzbekistan;</li> <li>- Karshi oil extracting plant;</li> <li>- Koson oil refining facility.</li> </ul>
If possible information about other HEIs in Uzbekistan to be involved in project	<ul style="list-style-type: none"> <li>- Tashkent Institute of Chemical technologies;</li> <li>- Bukhara engineering-technological institute;</li> <li>- Namangan engineering-technological institute;</li> <li>- Fergana polytechnic institute.</li> </ul>