



Erasmus+

Partner Search Form

INSTITUTION/CONTACT PERSON:			
	Last Name	Zhiravetska	First Name Anastasia
Institution	Riga Technical University		
Role in the institution	Professor, Senior researcher		
Address	12/1, Āzenes Str.		
Town	Riga	Country	Latvia
Telephone	+371 67089917	Email	Anastasija.Ziravecka@rtu.lv
Homepage address of the institution	www.rtu.lv		
INFORMATION ABOUT THE PLANNED PROJECT:			
Erasmus+ International co-operation Activity (higher education sector) – type of the project idea	Please, tick the appropriate one/ones: <input type="checkbox"/> Erasmus+ KA1: International students and staff credit mobility <input checked="" type="checkbox"/> Erasmus+ KA1: Erasmus Mundus Joint Master Degrees <input checked="" type="checkbox"/> Erasmus+ KA2: Capacity Building Higher Education in Partner Countries <input type="checkbox"/> Erasmus+ Jean Monnet programme		
Discipline / Academic field	Electrical engineering, Computer control of electrical technologies		
Institution's preferable role in the project? (applicant/partner)	<input type="checkbox"/> Applicant <input checked="" type="checkbox"/> Partner		
Which countries are about to be involved?	Erasmus+ Programme Countries	N/A	
	Erasmus+ Partner Countries	All	
Working language of the project consortium = language of the project application	English, Latvian, Russian		
Duration of the project	N/A		



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PROJECT DESCRIPTION:

Objectives

We are looking for a project consortia in order to be a partner and to contribute our expertise.

Activities

We are ready to share our expertise and knowledge in order to develop new study programs in electrical engineering, **computer control of electrical technologies, energy saving technologies, as well as in innovation management /new product development**, and other related fields.

We would like to take part in education curricula's development in energy saving technologies, project management and any academia / industry collaboration activities.

Results

RTU has an expertise as a project coordinator in Higher Education and Capacity Building projects:

1. 530379-TEMPUS-1-2012-1-LV-TEMPUS-JPCR, project title "Development of Training Network for Improving Education in Energy Efficiency". The project time: 15.10.2012 – 14.10.2015. The main project objective was to modernise academic programs in the topic of energy efficiency:

<http://energy.rtu.lv> .

2. ERASMUS+ Capacity-building in the Field of Higher Education 2015. Call for Proposals EAC/A04/2014 561525- EPP-1-2015-1-LV-EPPKA2-CBHE-JP - ERASMUS+ CBHE. The project time: 15.10.2015 - 14.10.2018. Project objective is to develop modern master-level programs in the field of functional nanomaterials, photonics and applied physics, respecting the principles of the Bologna process, and to implement it at four Belarusian universities. <http://physics.rtu.lv/>

3. Erasmus + / Key Action 2 / Capacity building in the field of higher education

Project name / acronym: ESTABLISHING SMART ENERGY SYSTEM CURRICULUM AT RUSSIAN AND VIETNAMESE UNIVERSITIES / ESSENCE. The project is realised by the consortium consisting of 3 EU, 5 RU and 2 VN universities aimed at modernisation of existing master degree programmes in the field of electrical engineering in a way to meet the requirements and expectations of main stakeholders of the programme, in accordance with Bologna requirements and European Qualification Framework and in close cooperation with industry. The project will benefit multiple target groups on different levels during the project life-time and beyond: current and prospective students, staff of participating universities, higher educational society, and industry.

Project web-site: <http://essence-erasmus.org/>

RTU has an expertise as a project partner in Higher Education and Capacity Building projects:

1. Erasmus +: Applied curricula in space exploration and intelligent robotic systems, Starting October 2016 Erasmus + Apple project 573545-EPP-1-2016-1-DE-EPPKA2-CBHE-JP

The proposed project goals are to adapt, modernize and restructure existing curricula in space exploration and intelligent robotic systems; to develop new certified courses, to test innovated curricula and to disseminate the results. These goals pass to the development strategies of partner countries(PC) both in curricula modernization and stimulation of the high-tech production. This leads



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to simplifications, disconnect with research and irrelevance for current technological and social challenges.

2. Erasmus +: Electrical Energy Markets and Engineering Education ELEMEND 573545-EPP-1-2016-1-DE-EPPKA2-CBHE-JP.

ELEMEND addresses the upgrading of the teaching infrastructure placing emphasis on laboratory and project work. Simulation laboratory and smart grid laboratory will also be implemented. ELEMEND promotes the university - entreprise cooperation through the active involvement of companies in the project in the shaping of the course material and content

3. Innovative Approach Towards a Master Program on Smart Cities Technologies SMARTCITY 598317-EPP-1-2018-1- BG-EPPKA2-CBHE-JP

We are searching for:

Types of institutions	Project coordinators
Country/Region	All
Institutions' profiles	N/A
Other relevant information	<p>Institute of Industrial Electronics and Electrical Engineering of Riga Technical University www.rtu.lv looking for a partnership in the frames of Erasmus+ KA2 Capacity Building in the Field of Higher Education, as project partner.</p> <p>Riga Technical University (RTU) has a proud history of providing education over 150 years. At present RTU is one of the oldest and largest technical universities in the Baltic Sea region it gathers nearly 16,000 students at eight faculties in various study programmes. Along with local students, the university is a home for students from around 30 countries, which number grows constantly. RTU plays an active role in Socrates/ERASMUS and developed links involving over 120 education institutions across Europe and beyond. Proficient and competitive academic staff carry out academic education. RTU is also registered as research organisation. Its research capacity includes 30 laboratories, 33 institutes, 103 departments, divisions, and more than 440 researchers. RTU has Environmental and Energy Systems Institute, the Environmental and Energy Systems Department, the Environmental Monitoring Laboratory, and Biosystems Laboratory. RTU created four National Research Centres, such as Nanostructured and multifunctional materials, design and technology, Energy and environment and sustainable resource extraction the use of technology, Pharmaceutical and biomedical and Information, communications and signal processing technology NRC. RTU developed new nanotechnologies and products, such as Nanostructured catalysers for biodiesel production, Water treatment technology with nanostructured ceramic and other products. RTU takes part in by state financed programs projects as well as in various international program projects: H2020, FP7, ARTEMIS, INTERREG, European Regional Development, European Social Fund etc.</p>



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	<p>PIC Number: 999920718</p> <p>Full name of the organisation in National language: Rīgas Tehniskā universitāte</p>
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