

Proposal #1

HEI	Georgian Technical University (www.gtu.ge)
Name, position	Prof. David Tavkhelidze; Head of Research Management Department
E-mail address/Telephone	d.tavkhelidze@gtu.ge +995-599504497
Proposed Project Name	Establishment of Mechatronics educational programs in Georgian Higher Educational Institutions
Specific objectives	<p>Further development of Georgia strongly requires highly skilled engineers able to develop implement and maintain innovative complex technologies. The country has excellent traditions in training the engineers resulted in world-class achievements. Nowadays higher engineering education faces new challenge: under conditions when emerging markets deliver cheap products, local industry can hardly compete without development and implementing innovative technologies and complex equipment that contains as mechanical as well electronic parts, named mechatronic system.</p> <p>Wider objective of the project: to bring engineering HEIs of Georgia in a position to educate students with the qualifications needed in mechatronics to develop and operate complex technologies in a modern team-based environment.</p> <p>Specific objectives:</p> <ol style="list-style-type: none"> 1. To develop capacities at three GE engineering universities in order to implement advanced EU teaching methodology by Oct 2014. 2. To develop BSc programs in mechatronics by introduction of new interdisciplinary modules by Aug 2015. 3. To bring new platform for academia-industry dialogue towards the relevance of higher engineering education to the technology challenges by Oct 2015. <p>Principle deliverables:</p> <ul style="list-style-type: none"> - analysis of modern EU concepts of education in mechatronics, comparative study of curriculum in EU universities, action plan towards sustainable academia-industry dialogue; - interdisciplinary modules embedded to BSc programs within mechanical engineering domain taught at 3 GE universities and related teaching materials; - Interfaculty Lab in Mechatronics and Joint Curriculum Boards established at three Georgian PC universities. <p>Pedagogic approach of the project focuses on strengthening inter-faculty communication, and familiarizing the students with structure, separate parts and strategies of design of mechatronic systems, relationships with suppliers and customers, management methods, corporate leadership culture.</p>

Type of the project	Joint Project
Type of Partnership	National Project
Suggested local partners	<ul style="list-style-type: none"> • Akaki Tsereteli State University; • Batumi Navigation Teaching University
Priority	National priority: Curricular reform in “Engineering and Engineering Trades”

Proposal #2

HEI	Georgian Technical University (www.gtu.ge)
Name, position	Prof. Dr. Otar Zumburidze, Head of International Affairs and Standards Office
E-mail address/Telephone	o_zumburidze@gtu.ge +995 322635173
Proposed Project Name	Modernize and develop curricula and training in the state-of-the-art <i>prototyping / fabricating</i> techniques for the design disciplines.
Specific objectives	<p>Transfer of knowledge in <i>prototyping / fabricating</i> techniques, training, and curricula <u>from</u> exemplary EU design education institutions <u>to</u> Georgia and Armenia.</p> <p>Transfer of knowledge in <i>prototyping / fabricating</i> facilities planning and managing <u>from</u> exemplary EU design education institutions <u>to</u> Georgia and Armenia.</p> <p>Development of curricula and educational modules in <i>prototyping / fabricating</i> techniques for the design disciplines in Georgia and Armenia.</p> <p>Planning and implementing state-of-the-art in <i>prototyping / fabricating</i> facilities in design education institutions in Georgia and Armenia.</p> <p>Launching <i>prototyping / fabricating</i> curricula and training for the design disciplines in Georgia and Armenia.</p> <p>Disseminating results and information about <i>prototyping / fabricating</i> techniques, training, and curricula; and planning and managing facilities, to the academic and professional communities in Georgia and Armenia, and beyond.</p>
Type of the project	Joint Project
Type of Partnership	Multi-Country project involving Armenia
Suggested local partners	<ul style="list-style-type: none"> • Ilia State University • Tbilisi State Academy of Arts
Priority	Curricular Reform in Art /Design

Proposal #3

HEI	Iv. Javakhishvili Tbilisi State University (www.tsu.ge)
Name, position	Dimitri Kordzaia, Vice-Dean, Faculty of Medicine
E-mail address	dimitri.kordzaia@tsu.ge
Proposed Project Name	Development of Comprehensive Curriculum in Palliative Care for Undergraduate and Postgraduate Education
Specific objectives	<p>Palliative Care is multidisciplinary approach including medical, social, psychological, spiritual and juridical components. Unfortunately, there is big gap in education/training of all specialists - medical professionals, social workers, jurists, psychologists and spiritual advisers – working with advanced chronic and terminal patients. This gap is considered as one of the main problems for incorporation of Palliative Care in all levels of National Health and Social system.</p> <p>The suggested project aims to develop and implement the comprehensive curricula for Undergraduate and Postgraduate Education in Palliative Care covering all above-mentioned specialties.</p>
Type of the project	Joint Project
Type of Partnership	Multi-Country project (involving ENPI East countries)
Suggested local partners	<ul style="list-style-type: none"> • Iv. Javakhishvili Tbilisi State University; • Caucasian International University; • Shota Rustaveli Batumi State University
Priority	Regional priority: Curricular reform in “Health”

Proposal #4

HEI	Tbilisi Medical Academy (www.tma.edu.ge)
Name, position	Dean of the Faculty of Medicine Dr Lali Mekokishvili
E-mail address/Telephone	laliuniderma@yahoo.de
Proposed Project Name	Modernising Undergraduate Dentistry Education in EU Eastern Neighbouring partner countries (Georgia, Ukraine and Kasakhstan), development sectoral standards in dentistry leading to integration in European Higher Education Area (EHEA).
Specific objectives	<ol style="list-style-type: none"> 1. To develop integrated undergraduate dentistry curriculum model; 2. To introduce new contents, modern teaching and assessment methods in curricula - Problem-Based Learning in Dentistry, OSCE for Dentistry, professional and research skills courses; 3. To develop teaching standards and establish teacher training center in each partner country; 4. To develop sectoral standards in dentistry in collaboration with National Centers for Educational Quality Enhancement of Georgia and Related Institutions of other partner countries;

	6. Dissemination of modernized dental education curricula in other partner countries.
Type of the project	Joint Project/Curricular Reform
Type of Partnership	Multi-Country project (Georgia, Ukraine and Kazakhstan)
Suggested local partners	Tbilisi State University, Faculty of Medicine
Priority	Regional priority for ENPI east: Curricular reform in “Health” + National priority for Kazakhstan: Curricular reform in “Health”