

TEMPUS IV (CALL 2013) - PARTNER SEARCH FORM from SLOVENIA

CONTACTS

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PROJECT INFORMATION

Discipline / Academic field	Higher education: Modernisation of curricula with 3 cycle structure and degree recognition
Type of project idea	<input checked="" type="checkbox"/> Joint Project <input type="checkbox"/> Structural Measure? <input type="checkbox"/> Curricular Reform <input type="checkbox"/> Governance Reform <input type="checkbox"/> Higher Education & Society
My role in the project?	<input checked="" type="checkbox"/> Applicant <input type="checkbox"/> Partner
Which National / Regional Priority?	Architecture and building, Health,
Which countries should be involved?	1-2 partners from Western Balkans, Southern Neighbouring Area, Eastern Neighbouring Area, Central Asia
Duration of the project?	<input type="checkbox"/> 2 years <input checked="" type="checkbox"/> 3 years

Project description

C.2 Specific objectives of the project (Max. 1000 characters)

“To fulfil the requirements of DEE 2012/7 (1), CPR 305/2011 (2) and EPBDr 2010/31(3) the construction industry must be provided with experts which will be able to enter into the communication channel between EU strategic documents and connected EU and national legislation and scientific basis of constructional building physics, behaviour and health in order to understand the position of sustainable building planning, design, construction, use and removal. Concept of higher education system must identify its objectives based on integral, not individual and separate parameters.

The main problems are historical priorities based on the reaction of the involved fields of profession to energy crisis of 70ties. They were concentrated to the field of reduction of energy use, where the only decisive factor is the lowest energy use. This is not in the accordance with the definition of the sustainability and consequently with the definition of the sustainable growth and building.”

The idea is to prepare a matrix which will help interested universities to introduce health and behaviour parameters into the existing curricula or subjects which are today more or less oriented only to specific problems e.g. energy use for heating, cooling and ventilation, and illumination seldom daylighting, protection against noise, etc, without taking into the account by rule negative influences which these interventions produce.

The three EU legal documents represent strong formal support and at the same time opportunity to overcome rigid and sometimes hostile behaviour of existing university environments.

The quality of these EU legal documents is their universal content which can be used also outside of EU countries. It can be used in different specific environments. Use of its contents and language can contribute to the quality of communication and collaboration on the expert level between in the project proposal partners.

Product oriented curricula system: product in this case is sustainable building (verb).

Redesign of education philosophy in the field of building construction in order to take into the account in the sustainable building curricula not only safety of buildings and other construction works but also health, durability, energy economy, protection of the environment aspects, and other important aspects in the public interest

Healthy and healing building is sustainable building.

Definition of sustainable building: A sustainable building is one which is designed:

1. To be able to sustain and improve the quality of human life while maintaining the capacity of the ecosystem at the local and global levels.
2. To harmonize with local climate, traditions, culture and the surrounding environment, and
3. To save energy and resources, recycle materials and minimize the emission of toxic substances throughout its life cycle.

(1) DIRECTIVE 2012/27/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2012 on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC, (DEE2012/27)

(2) Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC, (CPR305/2011)

(3) DIRECTIVE 2010/31/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 May 2010 on the energy performance of buildings (recast)