

## “A strategy for smart, sustainable & inclusive growth”

«The Commission is proposing five measurable EU targets for 2020 that will steer the process and be translated into national targets: for employment; for research and innovation; for climate change and energy; for education; and for combatting poverty. They represent the direction we should take and will mean we can measure our success. They are ambitious, but attainable. [...] The condition for success is a real ownership by European leaders and institutions. [...] We have the new tools and the new ambition. Now we need to make it happen»

**José Manuel BARROSO**  
European Commission's President  
Brussels on 3 March 2010

### The project

MARUEEB will promote and implement a Master Course in the area of sustainable buildings, taking into account all the related multidisciplinary aspects of the problem, in order to furnish a complete point of view of the problem. Further, possible opportunities to develop businesses in this area will also be highlighted and explored by furnishing to the students the practical instruments to encourage and support personal initiative (i.e. courses on business planning, development of study cases).

## Contact points of the project

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# MARUEEB

## E+ KA2 CBHE project

# “Master Degree in Innovative Technologies in Energy Efficient Buildings for Russian & Armenian Universities and Stakeholders”

Erasmus+

561890-EPP-1-2015-1-IT-EPPKA2-CBHE-JP

## General info

### European Union consortium members:

- Università degli Studi di Genova (**Grantholder**), **Italy**
- Technical University Of Iasi, **Romania**
- Slovak University of Technology in Bratislava, **Slovakia**
- Seconda Università degli Studi di Napoli, **Italy**
- Kaunas University of Technology, **Lithuania**

### Armenian Universities

- National Polytechnic University of Armenia
- American University of Armenia
- Engineering Academy of Armenia

### Russian Universities

- Ural Federal University
- St. Petersburg Polytechnic University
- Tambov State Technical University
- Voronezh State University of Architecture and Civil Engineering
- South Ural State University

### Stakeholders:

- AE Consulting, Armenia
- Ministry of Education and Science of the Republic of Armenia
- TICASS Consortium, Italy
- European Civil Engineering Education and Training Association, Brussels
- Atomstroykomplex, Russia
- Research and Development Institution “Center of Construction Expertise”, Russia
- Uralproektdubrava, Russia

### Wider objective:

**Establish and develop a new Master on «ENVIRONMENTAL PROTECTION AND ENERGY EFFICIENT BUILDINGS» in three Russian Universities and two Armenian Universities with affiliation to other two Russian Universities, according to student-centred or output-based approach.**

## Specific objectives of the project are:

- to create M.Sc. programmes in URFU, SPB, Tambov, and two Armenian Universities with courses affiliation in other two Russian Universities (Chelyabinsk and Voronezh);
- to focus the curricular reform process towards the labour market demands;
- to disseminate the improved educational elements and their exploitation beyond the project lifecycle;
- to enrich the mainstreaming process by networking among Universities and stakeholders;
- to spread, promote and enhance the approach towards the EU «20-20-20 targets» policy referred to Environmental Protection and Energy Saving;
- to enhance the EU dimension of designing of study-programmes by:
  - Promoting the “student-centred” approach focused on the definition of learning outcomes [specification of what students will know, be able to do or be able to demonstrate when they have completed the study-programme] consistent with the needs of the stakeholders.
  - Bringing the curricular reform in line with the latest Bologna Process elements (transparency, comparability and national & international recognition of the study-programmes).