Benchmarking of Entrepreneurship Education based on the EDARO-ERENET Project

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Entrepreneurship Education

At 25 October 2007 the EESC adopted that “entrepreneurship in its broadest sense, which can stimulate and encourage innovative and creative mindsets, should be highlighted in the Lisbon Agenda as one of the way roads to generate more growth and better jobs”; “public and private actors should be mobilised to develop the entrepreneurial mindset in its broadest sense”.

Entrepreneurship Education in Romania

1st Report on Entrepreneurial Activities in Romania, CEBR
Promovarea spiritului antreprenorial in sistemul de

Dezvoltarea culturii antreprenoriale,
www.mimnic.ro/report_anual/dezvoltarea_culturii_antreprenoriale

Ministerul Educației, Cercetării și Tineretului
http://www.edu.ro/index.php/articles

System of Education in Romania

- Children start their education at the age of 7 - The primary school - 4 years.
- At the age of 11 pupils start junior high school (gymnaziul), which lasts 4 years, whose results are taken into account while choosing the next stage of education.
- Pupils can choose
  - general secondary school (liceu) including 4 years of general education,
  - specialized secondary school including 4 years of general education with some specialized subjects

Entrepreneurship Education in Romania

In 2002, the Ministry of Education and Research from Romania, introduced at the secondary school level the subject Entrepreneurial education.

We can bring a series of criticisms related to the context, content and especially the individuals who are mandated to coordinate didactically and pedagogically this subject, but as a whole we have to note the positive aspects of this action that has to be improved and upgraded.
Entrepreneurship Education in Romania

The Romanian higher education is paying only a reduced attention to the entrepreneurial education and there is no scientific approach of the formative actions at the university level so that the profession and the specific process of the Romanian entrepreneurship in the society based on knowledge can be carried out appropriately, efficiently and effectively.

Universities involvement in entrepreneurship education

The evaluation of current situation
- empirical research based on questionnaire

Do you know the number of students who intend to start their own business?

Yes
No

RESEARCHES REGARDING THE HARMONIZATION OF THE ENTREPRENEURIAL EDUCATION OF ROMANIAN UNIVERSITIES TO THE EUROPEAN UNION AND EASTERN EUROPEAN UNIVERSITIES

The project propose
- to gather information in the field of investigation and implementation of the entrepreneurial education in the Romanian universities and specialised institutions and in EU, non EU member countries, USA, Canada
- to create an international research network
- to elaborate a project within the Programme Framework 7.
### PROJECT OBJECTIVE

- to study the actual situation, definition of the context and parameters in which the entrepreneurial education should be performed;
- to propose curricula and specific pedagogical methods, to make the Romanian entrepreneurial education comparable to that from universities of European Union, USA and Canada;

### PROJECT OBJECTIVE

- the project proposes the enlargement of the pedagogical and educational methods used within universities adding Long-Live - Learning, E-Learning, Learning by Doing, Student International workshops, modules of best practices etc.

### Terms of Reference for Consultancy

**PETRU MAJOR UNIVERSITY / ERENET**

**Title of Project**

**BENCHMARKING OF ENTREPRENEURSHIP EDUCATION IN SELECTED EU AND NORTH-AMERICAN COUNTRIES**

The Consultant is hired to assist in implementing the activities of the Project on Benchmarking of Entrepreneurship Education in selected EU and North-American countries.

### Project Management

**Dr. Antal Szabó**, UN ret. Regional Adviser on Entrepreneurship, Director of ERENET

**Dr. Zsuzsanna Szabó**, Dean of the Faculty of Economics, Law and Administrative Sciences, Petru Maior University

### The aims of the project are:

1. Review the best practice in entrepreneurship education in selected old, new and candidate EU countries, as well as in North America (Canada and USA) in all hierarchical level including undergraduate and postgraduate studies, like technical master and doctored degree
2. Access in quantitative and qualitative terms the presence of entrepreneurship courses and programmes in European higher education institution;
3. Organize Workshop to be discussed the finding and programmes in selected countries;
4. Provide guidance for elaboration of entrepreneurship curricula for the Petru Maior University as a pilot one with possible dissemination of the result for other Romanian universitie as well.

### ERENET will provide assistant in hiring experts and consultant for implementation

**EU members**

**Poland** – **Jerzy Cieslik – Leon Kozminski Academy of Entrepreneurship and Management, Warsaw**

– **Krzysztof Wach – University of Economics, Krakow**

**Slovakia** – **Vincent Soltes, Michal Soltes, Technical University, Kosice**
ERENET will provide assistance in hiring experts and consultant for implementation

Germany – Hans-Jürgen Weissbach, Fachhochschule, Frankfurt am Main
Slovenia – Miroslav Glas, University of Ljubljana, Ljubljana
Hungary – Pethoe Attila, Corvinus University, Budapest
- Szirmay Péter, Corvinus University, Budapest
- Krisztina Csopó, Corvinus University, Budapest
- Szerb László, University of Pécs, Pécs
- Pelczné Gál Hikó, University of Miskolc, Miskolc

France – Jean-Claude Million, I.U.T. Pasteur, Strasbourg
non EU member countries
Croatia – Sanja Pfeifer, University of Josip Strossmayer, Osijek
USA – Emerick Solymossy, Western Illinois University, Macomb
– Marius Poliac, University of Nevada, Reno

Professional affiliations
Canada
- Laurence Hewick, Hewick Research, Burlington
Belgium
- Madi Sharma, European Economic & Social Committee, Brussels

How important do you consider the entrepreneurial education?

Important 14%
Very important 86%

The entrepreneurial education is organized by:

Universities 23%
Chambers of Commerce/Industry 15%
Business Foundations 15%
Agencies 28%
Other forms 19%

Universities involvement in entrepreneurial education

Less important 14%
Important 29%
Very important 57%

The development level of entrepreneurial education at the university level:

- Weak: 14%
- Medium: 14%
- Good: 58%
- Very good: 14%

The existent level:

- MBA program (Poland, USA, Germany)
- Fast graduate program (Poland, USA)
- PhD program (Poland, USA)
- MSc/MEng (Poland, USA)
- BA/BSc (Poland, USA)

Do you have a monitoring system of your entrepreneur students/graduates?

- Yes: 43%
- No: 57%

If there are students who intend to start their own business?

- Yes: 86%
- No: 14%

Entrepreneurial education is appropriate only for the students from particular specialized program?

- Yes: 14%
- No: 86%

Are there organized modules of entrepreneurial training for other categories instead of students?

- Yes: 86%
- No: 14%
Are the specialists from business involved in the entrepreneurial education?

- Yes: 43%
- No: 57%

Do you have spin-offs in your country?

- Yes: 8%
- No: 92%

Do you have business incubator in your university?

- Yes: 14%
- No: 86%

Organize Workshop to be discussed the finding and programmes in selected countries:

International Conference - ICELM 3-
ENTREPRENEURSHIP EDUCATION
4-7 June, 2008, Tg.Mures, Romania

Round Table: “ENTREPRENEURSHIP EDUCATIONS”,
Friday, June 6, 2008, Tg Mures, Romania

Experts participated from: Hungary, Croatia, Poland,
Slovenia, Slovakia, France, Germany, Belgium, Liban,
Russia, Romania

The Roundtable on „Entrepreneurship Education” was co-chaired by

Dr. Antal Szabó, UN ret. Regional Adviser on
Entrepreneurship, Director of BRENEN

Madi Sharma, Chief Executive of the Madi
Group, UK Representative of the European
Economics & Social Committee (Brussels)

Attila Pethoe, Assistant Professor of the Corvinus
University of Budapest, was nominated as reporteur of
the roundtable.

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