



University of Belgrade
Technical Faculty in Bor

*Engineering Management
Department*

University of Belgrade

Facts:

- University of Belgrade is the oldest state university in Serbia, founded in 1808
- 31 faculties, 8 institutes, 1 university library.
- Teaching and research staff consists of approx. 7,300
- Approx. 90,000 active students and alumni:
 - 346,000 students with a Bachelor's degree
 - 22,700 students with a Master's degree
 - 13 200 students with a Doctoral degree



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Engineering Management Department

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Technical Faculty in Bor



Facts:

- Founded in 1961
- Study programs:
 - Mining Engineering
 - Metallurgical Engineering
 - Technological Engineering
 - Engineering Management
- Approx. 700 active students and alumni:
 - 3022 students with a Bachelor's degree
 - 236 students with a Master's degree
 - 127 students with a Doctoral degree



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Engineering Management Department



Facts:

- Founded in 2002
- Teaching stuff:
 - 23 professors and 4 teaching assistants
- Approx. 290 active students and alumni:
 - 905 students with a Bachelor's degree
 - 175 students with a Master's degree
 - 19 students with a Doctoral degree



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Mission and Vision



- ☐ To provide an adequate response to the educational needs of future generations
- ☐ To develop the Department, while nurturing the most prospective, the most attractive, the most modern and highest quality studies in the region of Southeast Europe
- ☐ To provide the highest quality consulting and planning services in South-eastern Europe



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Research Fields

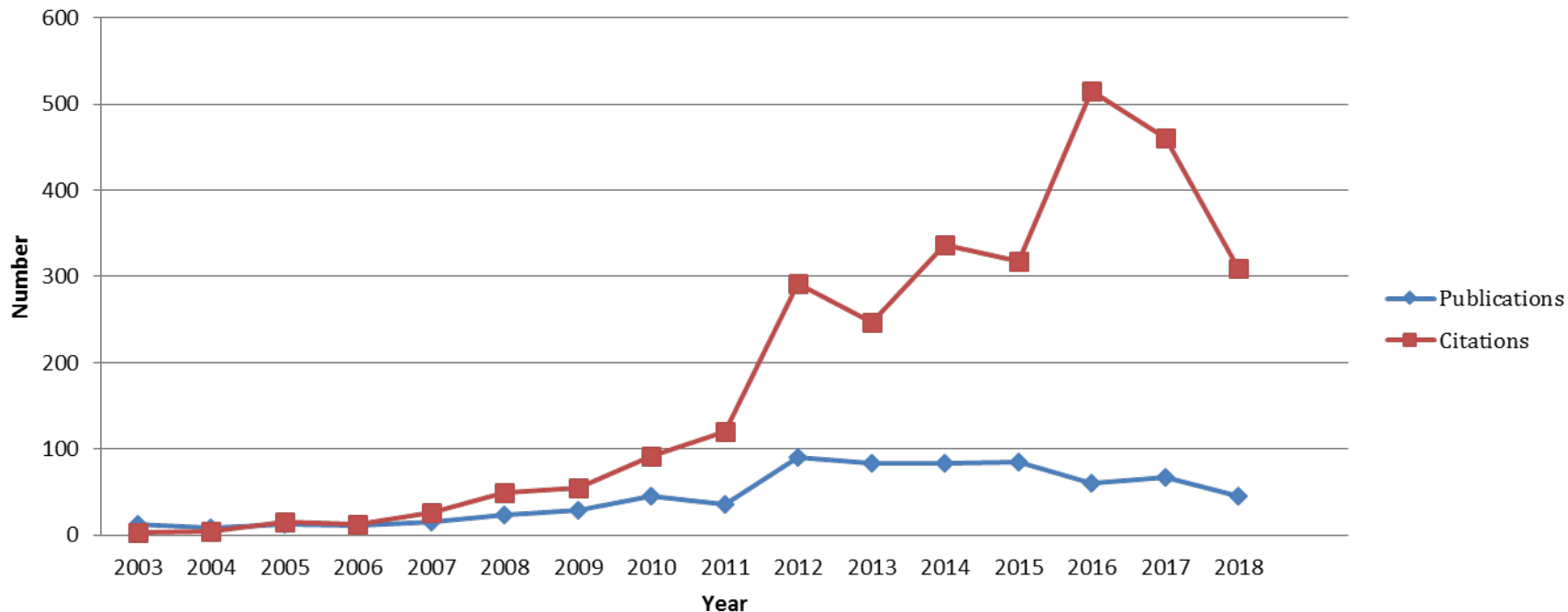
- ☐ Material flow balancing
- ☐ Environmental management
- ☐ Quantitative data analysis
- ☐ Numerical modeling and statistical modeling
- ☐ Modeling of industrial processes and use of simulation techniques
- ☐ Market research



- ☐ Data mining
- ☐ Programming
- ☐ Algorithm development
- ☐ Information systems
- ☐ E-commerce
- ☐ Multi-criteria models for ranking and selection of optimal solutions
- ☐ Services Marketing

Research results

- ❑ Increasing trend in published and cited papers in leading international scientific journals
- ❑ During the period 2003-2018 approx. 710 papers were published and cited over 2855 times in peer reviewed journals.



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Technical Equipment and Library

- ❑ Three computer laboratories of entire area of 170 m² with 42 computers
- ❑ A mobile computer laboratory with 15 laptop computers uplinked with wireless network system
- ❑ Approx. 500 books in the field of management theory and practice



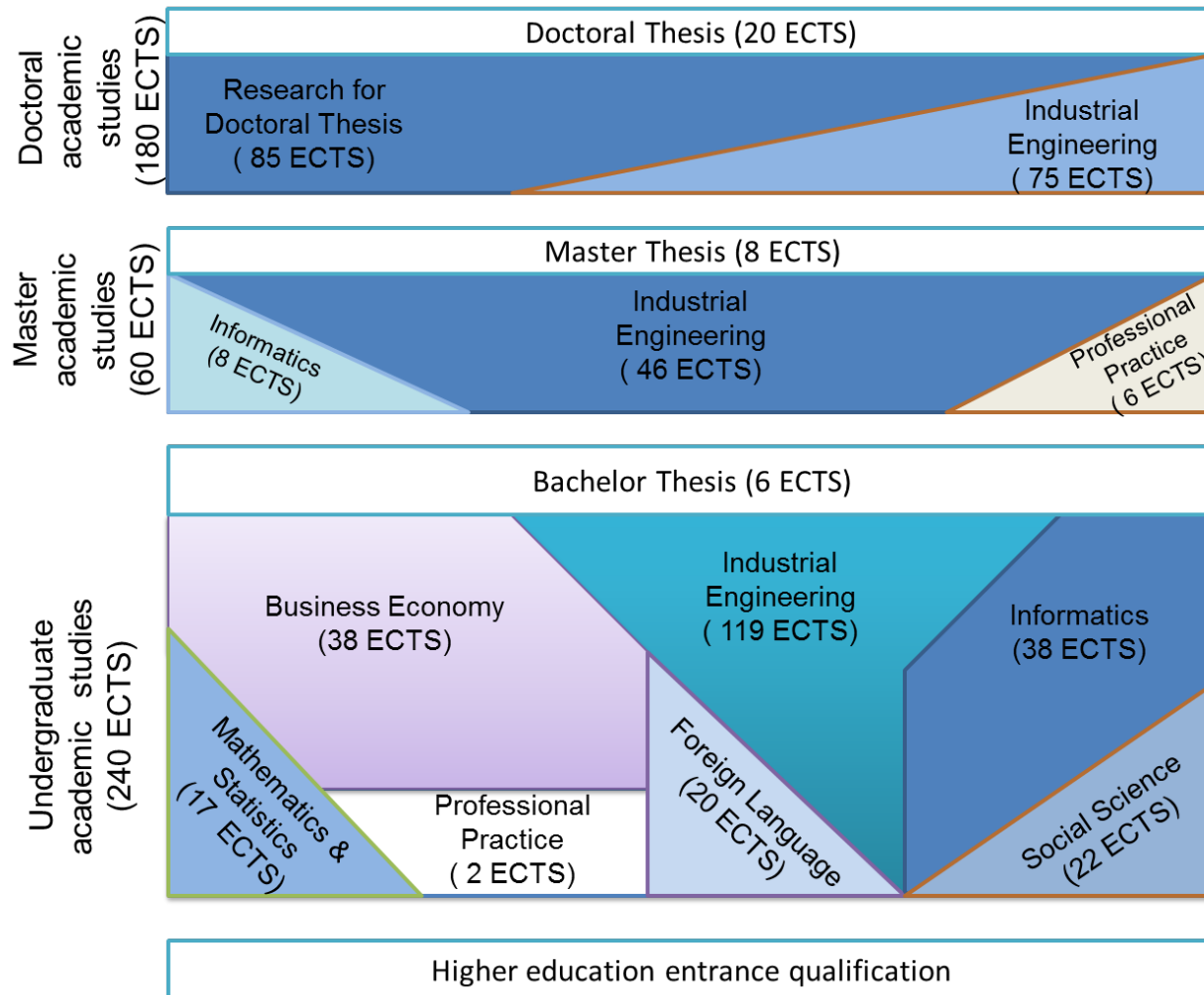
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Engineering Management study programs



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Engineering Management – Undergraduate academic studies

Undergraduate academic studies

(240 ECTS)

| Semester | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|----------|---|---|---|---|---|---|--|---|
| | Common base module 180 (ECTS): Compulsory courses (23 courses): <ul style="list-style-type: none"> Lecture classes: 60 Practical classes: 53 Optional courses (4 optional modules each with two optional courses): <ul style="list-style-type: none"> Lecture classes: 9 Practical classes: 9 | | | | | | Module: Business Management 60 (ECTS): Compulsory courses (8 courses): <ul style="list-style-type: none"> Lecture classes: 22 Practical classes: 16 Optional courses (2 optional modules each with two optional courses): <ul style="list-style-type: none"> Lecture classes: 4 Practical classes: 0 | Module: Information Technologies 60 (ECTS): Compulsory courses (8 courses): <ul style="list-style-type: none"> Lecture classes: 19 Practical classes: 17 Optional courses (2 optional modules each with two optional courses): <ul style="list-style-type: none"> Lecture classes: 4 Practical classes: 4 |



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Engineering Management – Master academic studies

Master academic studies

(60 ECTS)

| Semester | 1 | 2 |
|----------|---|---|
| | Module 60 (ECTS): Engineering Management Compulsory courses (4 courses): <ul style="list-style-type: none">• Lecture classes: 6• Practical classes: 19 Optional courses (3 optional modules each with two optional courses): <ul style="list-style-type: none">• Lecture classes: 6• Practical classes: 9 | |



Engineering Management – Doctoral academic studies

Doctoral academic studies

(180 ECTS)

| Semester | 1 | 2 | 3 | 4 | 5 | 6 |
|----------|--|---|---|--|---|---|
| | Module 75 (ECTS): Optional courses (5 optional modules each with two optional courses): <ul style="list-style-type: none"> Lecture classes: 30 Student research work classes: 20 | | | Research for Doctoral Thesis and Doctoral Dissertation Realization and Defense of Thesis 105 (ECTS): 5 Optional courses : <ul style="list-style-type: none"> Student research work classes: 30 | | |



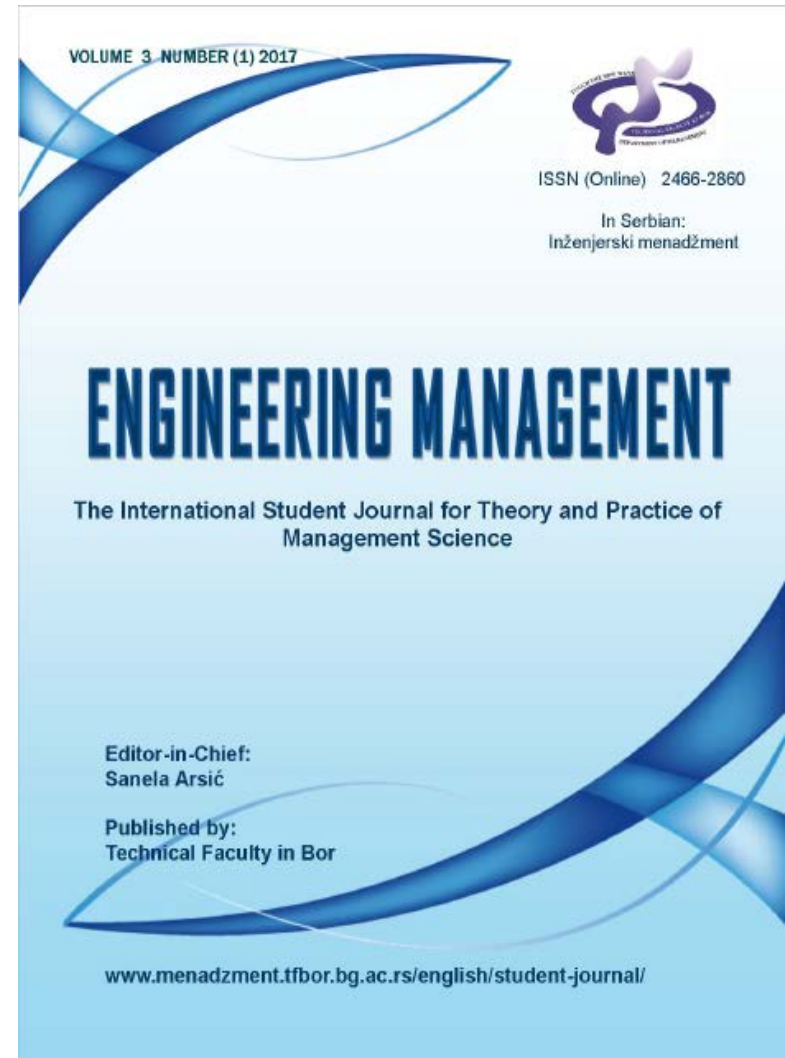
Publishing activities

- ❑ Since 2006 Engineering Management Department has been publishing Serbian Journal of Management biannually (<http://www.sjm06.com/>)
- ❑ This journal is an international medium for the publication of scientific papers covering the theory and practice of Management
- ❑ 287 papers have been published, reviewed by internationally recognized academic researchers.



Publishing activities

- ❑ Since 2015 Engineering Management Department has been publishing Engineering Management biannually (<http://menadzment.tfbor.bg.ac.rs/english/student-journal/>)
- ❑ This journal is an international student journal for theory and practice of management science



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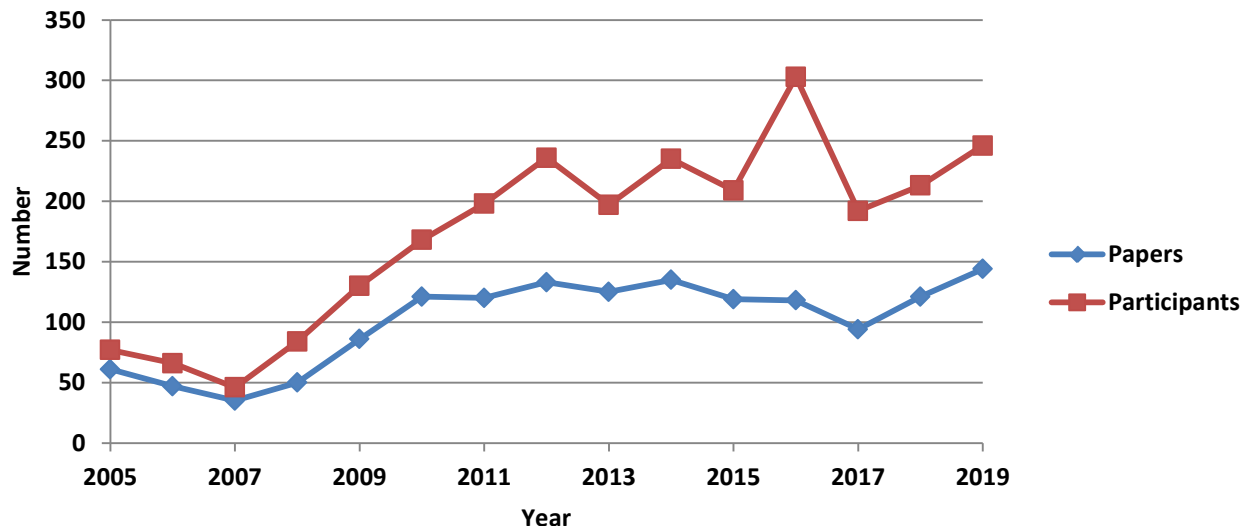
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Conferences

International May Conference on Strategic Management

- ❑ Organized since 2005
- ❑ Number of participants and papers has been continually increasing



International Symposium on Environmental Management and Material Flow Management

- ❑ Organized since 2011, in cooperation with University of Trier (Germany) and University of Zenica (Bosnia and Herzegovina)

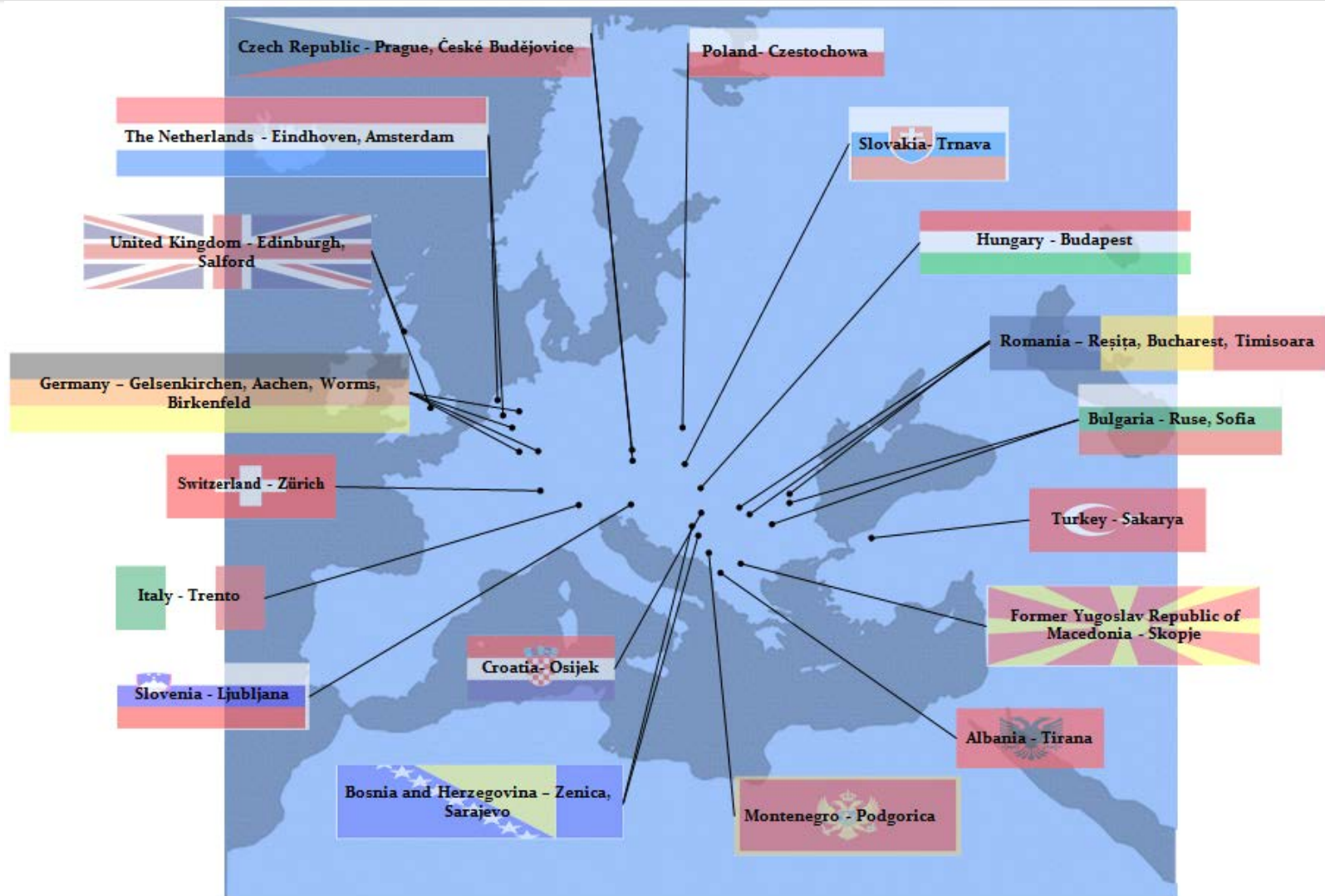


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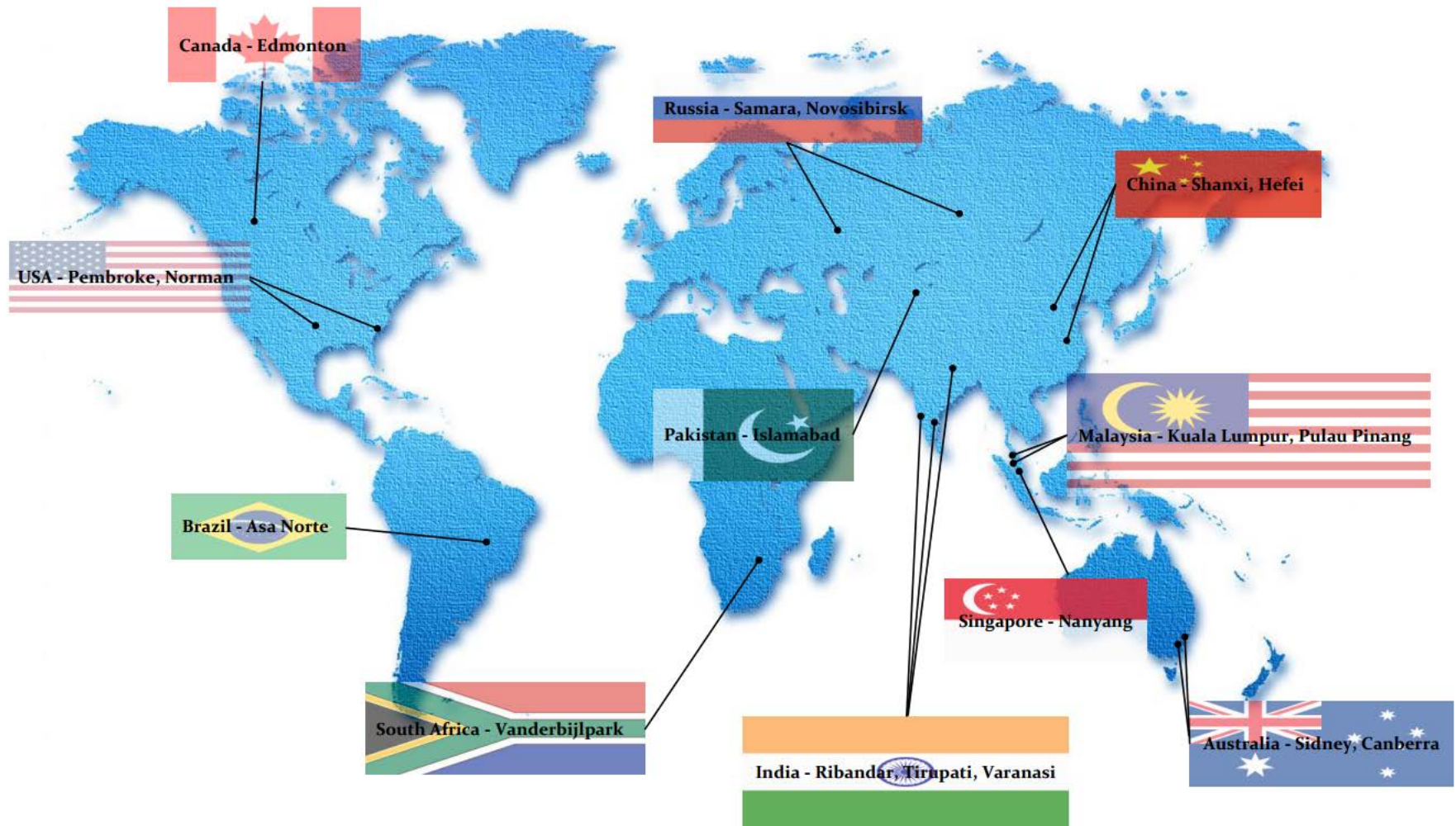
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International cooperation



International cooperation



International projects for mobility

- ❑ **Erasmus + Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility**, between Transilvania University of Brasov and University in Belgrade, Technical Faculty in Bor (2017-2022).
- ❑ **Erasmus + Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility**, between University of Eastern Finland, Joensuu, Finland and University in Belgrade, Technical Faculty in Bor (2016/2017).
- ❑ **Erasmus + Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility**, between Obuda University, Budapest, Hungary and University in Belgrade, Technical Faculty in Bor (2015/2016).



International projects

- ❑ **Interdependence between illegal trade in tobacco and corruption, money laundering and organized crime (2019)**
Beneficiary organization/department: Phillip Morris International - PMI; Participants: Serbia, Albania, Georgia, Armenia, Ukraine and Moldova
(<https://www.mruresearches.com/>)
- ❑ **HOW TO PREVENT SMEs FROM FAILURE (Actions based on comparative analysis in Visegrad countries and Serbia) (2018/19).** Beneficiary organization - International Visegrad Fund. Participants: Czech Republic, Slovakia, Poland, Hungary and Serbia (<http://mksm.sjm06.com/visegrad-project-2018/>).
- ❑ **Environmental awareness as a universal European Value (2016).** Beneficiary organization - International Visegrad Fund (<http://mksm.sjm06.com/round-table-2016-visegrad-fund-project/>)
- ❑ **Possibilities for development of business cluster network between SMEs from Visegrad countries and Serbia (2014).** Beneficiary organization - International Visegrad Fund. Participants: Czech Republic, Slovakia, Poland, Hungary and Serbia (<http://mksm.sjm06.com/visegrad-fund-project/>).



International projects

- ❑ PHARE-CBC ROMANIA-SERBIA (2008-2009), RO 2004/016-943.01.01.08 – Creation of the Centre of Entrepreneurship and Intercultural Management: Bussiness development - successful entrepreneurship practice for social organizations in Caras-Severin and Bor, 2008 – 2009 (Beneficiary organization/department: University Eftimie Murgu, Resita, Romania – Technical faculty in Bor)
- ❑ PHARE-CBC ROMANIA-SERBIA 2006/ RO 2006/018-448.01.02.15 – The virtual space of knowledge - the way of integration, 2008-2009 (Beneficiary organization/department: University Eftimie Murgu, Resita, Romania – Technical faculty in Bor)
- ❑ GET – IT Serbia (ICT in Entrepreneurship education) / 2009 (International Educational Network)



Membership in international networks

Academic Entrepreneurship and Innovation Network of South Eastern European Universities ([RESITA NETWORK](#))

- ❑ Founded in 2008 and financially supported by DAAD
- ❑ Network of 16 European universities and institutes
- ❑ Supports exchange and professional development of teaching staff and students from partner universities, by organizing seminars, workshops, summer academies, summer schools, internships etc.

