# DEVELOPMENT AND IMPLEMENTATION OF SYSTEM FOR PERFORMANCE EVALUATION FOR SERBIAN HEIS AND SYSTEM - PESHES







# DEVELOPMENT AND IMPLEMENTATION OF SYSTEM FOR PERFORMANCE EVALUATION FOR SERBIAN HEIS AND SYSTEM - PESHES





#### WE USED AS BASIS (Inspiration)

#### prof. dr Hans Vossensteyn

Compare universities your way: U-Multirank and its uses for institutional management Information Day on HE Performance Indicators –*Toward & New Model of Financing and Ranking of Study Programmes* Belgrade, Serbia, 24 November 2015



As well as "Quality-related funding, performance agreements and profiling in higher education" and many other CHEPS documents

prof. dr Zorani Lužanin INDIKATORI KVALITETA Indicator of Quality I. Uvod dikatora za praćenje i ocenu stanja u raznim oblazilima postaje zve značajnija. Osnovni ci dikatora jeste da se na objektivan način donose zaključci o kvalitetu i na osnovu nih priprema pla And other documents da za naredni period. Kada su dobro odabrani, indikatori omogućuju da se izbegne subjektivnost ošenju bitnih odluka za razvoj institucije. Iz tih razloga je vašno da indikatori budu odabrani fricani na dobar način kako se pomenuta subsektivnost ne bi reflektovala kroc ruh. Kvalitetn atore može da obezbedi jedino timulo rad nastavnog ocobija, studenata, admi evnika ministarstava kao i drugih relevatnih činilaca irbija je prošla prvu fazu primene novog sutema visokog obrazovanja zasnovanog n asu. Međutim, napultanje starog sistema i prihvatanje novog sistema nisu u celost Može se reči da je sada pravo vreme za definisanje indikatora. Zakon o visokor prazovanju iz 2005. definisao je obavezu vizokoobrazovnih inztitucije da razvijaju sistem kvalitet itandami za skreditaciju delom zu raznatili neke postupile i pokazatelje kvaliteta, dok zv isokoobrazovne institucije, najčelće potpuno samostalno, raznađivale procedure i indikatore za roveru kvaliteta. Svakako najčelće koriščeni indikator jezu rezultati studentskih anketa. Da II, i u meri, studentske ankete predstavljaju odgovarajući i lako je večina institucija razvila sopstveni sistem kvaliteta, najv mogulnost adekvatnog poređenja između institucija, kao i donolenje zaključaka o seiskupnom u visokog obrazovanja. Zbog toga je uvođenje i razvijanje indikatora veoma važno. Obekuje se sani indikatori budu efikasno sredstvo za analizu stanja, kako na nivou pojedinačno fickor programs, take i na ricou institucija u celet Određivanje indikatora koji bi bili podjednako prihvatljivi za ove, predstavlja veoma teža atak. Iz tih razloga je možda bolje ostaviti slobodu zvim fakultetima ili studijskim prop 1.1. Definicija indikatora Posam indikatora ili pokazatelja je intuitivno jasan. Međutim formalna definicija nije toliki zavna. Poslednjih dvadeset godina intenzivno se razvijaju pokazatelji za mnoge oblasti ljudske latnosti za razne namene i različitim povodima. To je pvakako razlog što ne postoji jedinstveni način da se definiše pojam indikatora. U obrazovanju, a pre zvega u visokom obrazovanju, postoj značajan broj radova, priničnika, konferencija, okrugih stolova itd. koj su posvećani problematic Co-funded by the **IIPESHES** Erasmus+ Programme of the European Union

The project "Development and implementation of system for performance evaluation for Serbian HEIs and system – PESHES" has wider objective Improvement of management, operation and quality of higher education institutions and system in Serbia.

The idea of the project, as well as goals and outcomes are connected with two the most important documents in Republic of Serbia.

•The first one is "Education Development Strategy in Serbia until 2020" (http://www.mpn.gov.rs/wpcontent/uploads/2015/08/strategija\_obrazovanja\_do\_2020.pdf) and

Second one "Action Plan for Implementation of the Strategy for Development of

Equication in Serbia by 2020".

#### University of Belgrade, UBG

University of Novi Sad, UNS University of Niš, UNI Universityof Kragujevac, UKG State University of Novi Pazar, SUNP Singidunum University, SUB National Council for Higher Education, NCHE Statistical Office of the Republic of Serbia, SORS National Employment Service of Serbia, NES Conference of academies for applied studies in Serbia, CAASS Center for the Promotion of Science, CPN University of Twente, UT

University of Rijeka, UoR

Politecnico di Torino, POLITO

Universitat Politècnica de València, UPV

Ministry of education, science and technological development, Republic of Serbia, MEST







### Programme: Erasmus +

Key Action: Cooperation for innovation and the exchange of good practice

Action: Capacity Building in Higher Education

**Action Type: Structural Project** 

Call for Proposals: EAC-A04-2015

**Project acronym: PESHES** 

Duration of the project: 3 years

Proposed budget: 880,066.00 reduced to 826.350,00



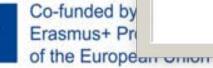


# **EXA2** - Cooperation for innovation and the exchange of good practice

Erasmus+ Capacity building in higher education Call 2016 EAC/A04/2015 Selection Year 2016										
Nr	Application Reference Number	Country of Applicant organisation	Organisation Name	Application Title	Regions	Partner Country (PC) institutions	Application Grant Requested (Revised)			
A. Re	gion 1 - Western Balkans	(see also section	K below for additional projects incl	uding the region)						
1	573534-EPP-1-2016-1- RS-EPPKA2-CBHE-JP	Serbia	UNIVERZITET U BEOGRADU	FINanacial management, Accounting and Controlling curricula development for capacity building of public administration	Region1	AL(2),RS(6)	893.033,00			
2	573806-EPP-1-2016-1- RS-EPPKA2-CBHE-JP	Serbia	UNIVERZITET U NISU	Development of master curricula for natural disasters risk management in Western Balkan countries	Region 1	BA(2),RS(3),XK (2)	1.245.746,0			
	573820-EPP-1-2016-1- RS-EPPKA2-CBHE-SP	Serbia	UNIVERZITET U BEOGRADU	DEVELOPMENT AND IMPLEMENTATION OF SYSTEM FOR PERFORMANCE EVALUATION FOR SERBIAN HEIS AND SYSTEM	Region1	RS(12)	826.350,00			
4	573866-EPP-1-2016-1- ME-EPPKA2-CBHE-JP	Montenegro	JAVNA USTANOVA UNIVERZITET CRNE GORE PODGORICA	Capacity Building of the Faculty of Law, University of Montenegro - curricula refreshment, boosting of international cooperation and improving human, technical and library resources	Region 1	ME(3)	556.300,00			
5	573885-EPP-1-2016-1- RS-EPPKA2-CBHE-JP	Serbia	UNIVERZITET U NISU	ICT Networking for Overcoming Technical and Social Barriers in Instrumental Analytical Chemistry Education	Region1	AL(2),RS(7)	947.777,00			
6	573942-EPP-1-2016-1- RS-EPPKA2-CBHE-JP	Serbia	UNIVERZITET U NOVOM SADU	Knowledge FOr Resilient soCiEty	Region 1	AL(2),BA(2),RS (4),	1.237.129,0			
7	573950-EPP-1-2016-1- RS-EPPKA2-CBHE-SP	Serbia	UNIVERZITET U NOVOM SADU	Boosting Engagement of Serbian Universities in Open Science	Region 1	RS(7)	866.801,00			
8	573997-EPP-1-2016-1- ME-EPPKA2-CBHE-JP	Montenegro	UNIVERZITET DONJA GORICA PODGORICA	Enhancement of study programs in Public Health Law, Health Management, Health Economics and Health Informatics in Montenegro	Region1	ME(8)	749.834,00			
9	574009-EPP-1-2016-1-IE EPPKA2-CBHE-SP	Ireland	UNIVERSITY OF LIMERICK	Qualifications Framework as Platform for the development of learning outcomes based curriculum	Region1	BA(15),	920.323,00			
10	574076-EPP-1-2016-1- BA-EPPKA2-CBHE-JP	Bosnia and Herzegovina	Univerzitet u Travniku	Introducing competence-based preschool teacher education curricula in Bosnia and Herzegovina	Region1	BA(7)	688.857,00			







02/08/2016



# BAD NEWS FIRST 🛞

	PROJECT COSTS	EUR		
1	Staff costs	330.540,00		
2	Travel Costs	60:500,00		
3	Costs of Stay	183.600,00		
4	Equipment Costs	195.000,00		
5	Subcontracting Costs	56.710,00		
A-	Grant for Project Activities (1+2+3+4+5)	826.350,00		
<b>B</b> –	Additional Grant for Special Mobility Strand	0;00		
Tota (A+B)	I Grant requested from the European Union of the European Union	826.350,00		

Listed below are some of the reasons for the reduction or revision of the breakdown of the figures costed into your original budget.

The application does not specify what **equipment** is needed for what purpose and it is not clear why such a high number of desktops, laptops and tablets for some HEIs are needed to implement the project. The lack of clarity and detailed explanations lead to believe the Equipment budget heading is a bit over estimated and has therefore been reduced by approximately 10%, corresponding to  $\notin$  23.750,00.

The sub-contracting costs seem overestimated and could be reduced by taking a more cost-efficient approach. This refers especially to the printing costs of 49,150  $\in$ , which have been reduced to a more reasonable amount of  $\in$  35,000  $\in$ .

Following these reductions, which had an impact on the total grans requested, the **Staff Costs** budget heading had to be adjusted in order to respect the ceiling of 40% of the total grant (Erasmus+ Programme Guide pp.161-162). Therefore, the maximum eligible amount for the staff costs is now  $\in$  330.540,00 and an additional amount of  $\notin$  15.816,00 has been subtracted from your grant.

As a consequence of the above remarks, your original budget has been reduced by a total amount of  $53.716,00 \in$  and it will result in an eligible budget of  $\notin 826.350,00$ .

#### **ABOUT PROJECT: INPUTS**



Total working days 3641

Travel 60,500.00 and cost of stay 183,600.00 (Total 244 persons;)

Equipment for the realization of the project 218,750.00

195, 000.00

Resources for subcontracting activities 56.710,00 (Resources for external financial and quality audit (1+1); project web site development and maintenance (1); publication of developed teaching material and material for dissemintion)

We need new correction of the budget





# **Project** application

http://peshes.ius.bg.ac.rs/download/projectdetails/project%20application.pdf

# Guidelines for the use of the grant Erasmus + call en

http://peshes.ius.bg.ac.rs/download/projectdetails/guidelines\_for\_the\_use\_of\_the\_grant\_- cbhe\_version\_01.05.2016.pdf

We are waiting for:

Grant agreement

# Partnership agreement



Co-funded by the Erasmus+ Programme of the European Union





http://peshes.ius.bg.ac.rs/



University of Belgrade

**Project coordiantor** Steering committee dr Sima Avramović Project peshes@ius.bg.ac.rs coordinator http://peshes.ius.bg.ac.rs/ Quality assurance group Project Project Project • • partner 2 partner 14 partner 1 SEKOTH St. CROB<u>OS</u> Μ Ρ D D D Q D Ε Ν Ε Ρ R Ε Ε V V S G V 3 Ρ 2 S Т Ν 1

**IIPESHES** 

 $\langle \rangle$ 

## ABOUT PROJECT: WORK PACKAGES 1

#### **PREPARATION:** Establishment of infrastructure for the development of system for performance based evaluation

- 1.1 Report on analysis of the needs and priorities society and local economy
- 1.2 Report on STudents' and academics' needs and priorities
- 1.3 Improved Universities capacity
- 1.4 Report on analysis of performance based evaluation in EU

## **DEVELOPMENT:** Development of system for performance evaluation, profiling and multi-raking

- 2.1 Report on key processes and selected fields at HEI in Serbia
- 2.2 Set of KPI at selected fields
- 2.3 Report on optimization of the set of performance indicators
- 2.4 Model for profiling and multi-ranking

# **DEVELOPMENT:** Development of ICT for support

- 3.1 ICT solution for data acquisition and multidimensional ranking of study programs and institutions
- 3.2 Training, oganization and implementation of the ICT system at national level
- 3.3 Presentation of the tools that will meet needs of students, labour market and society
- 3.4 Report on pilot testing, verification and validation of the system

### **DEVELOPMENT:** Institutionalisation of results and development of basis for value based management

- 4.1 Report on development and adoption of results at institutional and national level
- 4.2 Changed accreditation standards
- 4.3 Developed input to the funding system



Networked system with stakeholders Erasmus+ Programme of the European Union





#### **QUALITY PLAN: Quality planning, control and monitoring**

5.1 Established working group for quality assurance5.2 Report on external quality audit5.3 Reports on regular quality control and monitoring5.4 Inter-project coaching activities

#### DISSEMINATION & EXPLOITATION: Dissemination and exploitation of resu

6.1 Organized of seminars, meetings and symposia6.2 Realized promotional activities6.3 DeveLoped project web-site6.4 Awareness campaign realized

#### **MANAGEMENT:** Project management

7.1 Reports on daily management7.2 SC meetings organized7.3 Prepared reporting and audit control







### INDICATORS WILL BE MEASURED

• Number of mobilities (202)

Union

- Number of workshops and seminars (3+3)
- Number and structure of purchased equipment (according to the list)
- Number of reports on situation in Serbia (4)
- Number of reports about experinces in EU (4)
- Number of defined indicators for study programs and institutions (2)
- Number of presentation and visit of web based ICT system for multi-dimensional ranking of study programs and institutions.
- Number of pilot study programs and institutions analysed (6 study programs and 6 institutions)
- Feedback analysis for improvement of the system (1 for study programs and 1 for Faculty per each University in Serbia)

- Changed accreditation standards (strucuture and number of changed documents)
- Input for development of directive for financing of HEIs (report 1)
- Report on netwokring with stakeholders (1)
- Meetings with stakeholders (18)
- Management and progress reports (3 PCB and 6 NCB)
- Number of project web portal visits
- Number of trainings (18), events (18), workshops (6)
- Reports from presentation meetings, presentations for media and interested groups (3)
- Quality control and management reports (2+2)
- Midterm and final report (1+1)
- External audits (1 financial and 1 quality)





# WORK PLAN (ROUGH)

WP	6	12	18	24	30	36
PREP						
DEV 1						
DEV 2						
DEV 3						
QPLN						
DISS						
MNGT						





### WHAT WE ARE GOING TO DO:

- 1. Short presentation of all partnering institutions
- 2. Work Packages presentation
- 3. Forming of management structures
- 4. Grant Agreement and Partnership Agreement
- 5. Distribution of work
- 6. Management and collaborative software tool, Internet presentation of the Project
- 7. Financial and Administrative aspects of reporting
- 8. Action plan for the next six months
- Discussion and closing the meeting
  Budget correction
  Mobility plan





#### http://peshes.ius.bg.ac.rs/ SquirrelMail 1.4.22-4.el6 Starter Template for Boots... imes + Ð $\times$ $\times$ ANNEX IV - guidelines\_for... × project application.pdf $\times$ Q. Search - C ☆ 自 ♥ $\equiv$ €) 🛈 peshes.ius.bg.ac.rs/download.php 俞 PESHES Home Events and activities Project 🗸 Other -Links 👻 GRANT HOLDER Project documentation -DOWNLOAD Project details Project application · Grant agreement Project time table University of Belgrade - UBG ACTIVITIES: Studentski trg 1, 11000 Belgrade, Serbia **Kick off Meeting** Contact Additional documents: Project coordiantor CONVENTION for Staff Costs W dr Sima Avramović IMG Individual Mobility Report peshes@ius.bg.ac.rs Timesheet 🏭 Power point template (eng) Guidelines for the use of the grant Erasmus + call en PARTNERS UNIVERSITY OF TWENTE NATIONAL COUNCIL FOR HIGHER UNIVERSITY OF BELGRADE EDUCATION UNIVERSITY OF RIJEKA UNIVERSITY OF NOVI SAD STATISTICAL OFFICE OF THE POLITECNICO DI TORINO UNIVERSITY OF NIS **REPUBLIC OF SERBIA** UNIVERSITAT POLITÈCNICA DE UNIVERSITY OF KRAGUJEVAC NATIONAL EMPLOYMEND SERVICE OF VALÈNCIA SERBIA STATE UNIVERSITY OF NOVI PAZAR MINISTRY OF EDUCATION, SCIENCE CONFERENCE OF ACADEMIES FOR peshes.ius.bg.ac.rs/download/projectdetails/timetable.pdf UNIVERSITY AND TECHNOLOGICAL DEVELOPMENT **APPLIED STUDIES IN SERBIA** ∧ 🐝 🖮 ⊄× 📰 SRP 0:17 PM 12/11/2016 Â **e** L O Ask me anything 🖵 🗂 Ŧ WE 100

of the European Union



