

TEMPUS

Modernising higher education

Serbia in TEMPUS IV- THIRD CALL FOR PROPOSALS

International DAAD Tempus Conference
Berlin, Nov.30-Dec.1 2009



National Tempus Office Serbia



European Commiss
TEMPUS

contents:



Part I: HE systems in Serbia

Part II: Cooperation with German HE institutions in Tempus

Part III: Priorities for the 3rd Call for proposals, Tempus IV

TEMPUS
Modernising higher education

www.tempus.ac.rs





Part I

HIGHER EDUCATION SYSTEM IN SERBIA

TEMPUS
Modernising higher education

 <http://ec.europa.eu/tempus>



Part I: HE system in Serbia



- **Three-cycle structure with ECTS** formally in place since 2006/7
- **Colleges of applied sciences (*visoke škole*)** now officially part of the HE system
- **National Council for Higher Education (NCHE)** – strategic issues, policy recommendations, issuance of permissions for work for HE institutions
- **Commission for Accreditation and Quality Assessment (CAQA)** founded by NCHE, work in line with ESG for QA
- **Conference of Universities**
- *Conference of Academies of professional studies*
- *Conference of student parliaments*

Part I: HE system in Serbia



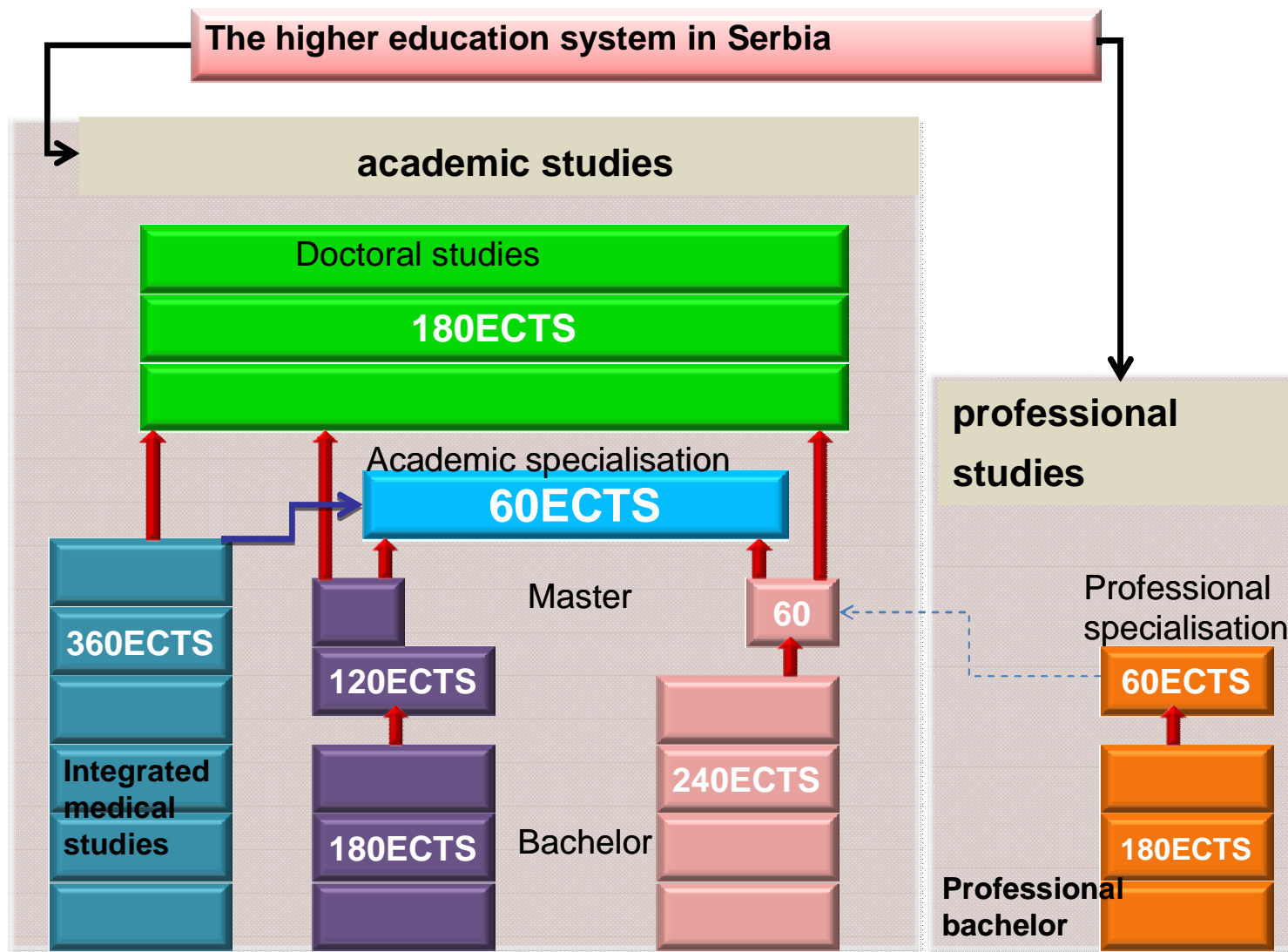
HE institutions after the first cycle of accreditation (2007-2009):

- 1. Universities** – state founded and private – all types and levels of study programmes, in at least 3 scientific fields
- 2. Colleges of applied sciences** – professional and specialist professional studies

also

Academies of applied sciences – at least five accredited programmes in at least 2 scientific fields

Colleges of academic career studies – bachelor, master and specialist programmes in any field



Source: CAQA, October 2009

HE system in Serbia

**13 accredited universities
(129 faculties, academies of
arts) and around 70 colleges
of applied sciences**

accreditation process ongoing

2008/2009:

Number of professors: 7407

Number of assistants : 5411

Number of students : 216342

source: CAQA, October 2009



Part I: HE system in Serbia



State-founded universities:

University of Belgrade

University of Arts in Belgrade

University of Novi Sad

University of Niš

University of Kragujevac

State University of Novi Pazar

University of K. Mitrovica

Private universities: *(the largest ones)*

Megatrend University

University Singidunum

University Union

Alfa University *(former BK Univ.)*





Part II

Cooperation of Serbian and German Higher Education Institutions in Tempus

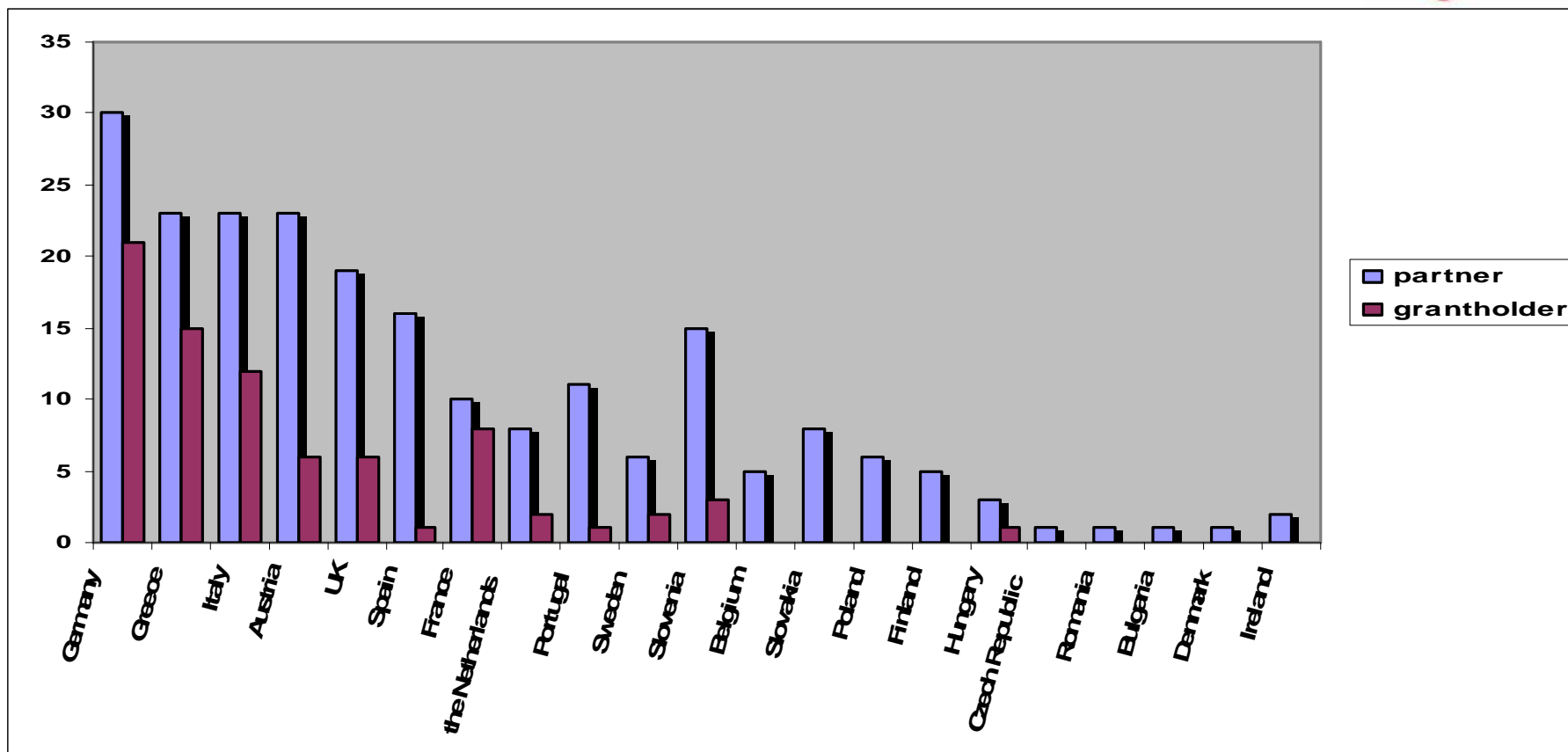
- examples of good practice -

TEMPUS
Modernising higher education

 <http://ec.europa.eu/tempus>



Part II: RS – DE cooperation in Tempus III projects



Cooperation in Tempus III, an overview of partnership

German insitutions - partners in 30 Tempus JEPs

German universities - grantholders in 21 Tempus JEPs

TEMPUS
Modernising higher education

www.tempus.ac.rs



Part II: RS – DE cooperation in Tempus III projects



JEP 52008-2006 Child Rights Education Development- Moldova and Serbia

Grantholder and coordinator: Freie Universität Berlin, DE

Partners:

UNIVERSITY UNION, Belgrade, RS

CHILD RIGHTS CENTRE, Belgrade, RS

UNIVERSITY OF NOVI SAD, Novi Sad, RS

INSTITUTE OF EDUCATION (UNIVERSITY OF LONDON) - London (GB)

MOLDOVA STATE UNIVERSITY - Chisinau (MD)

UNIVERSITY "ALEXANDRU IOAN CUZA" OF IASI - Iasi (RO)

UNIVERSITY "BABES-BOLYAI" CLUJ-NAPOCA - Cluj-Napoca (RO)

TEMPUS
Modernising higher education

www.tempus.ac.rs



Part II: RS – DE cooperation in Tempus III projects



JEP 18069 - 2003 Reform of Agricultural Higher Education in Serbia
Grantholder and coordinator: University of Hohenheim, DE

Partners:

UNIVERSITY OF BELGRADE, RS

UNIVERSITY OF NOVI SAD, RS

ARISTOTLE UNIVERSITY OF THESSALONIKI, EL

Univ. of Hohenheim was GH in 3 more projects

TEMPUS
Modernising higher education

www.tempus.ac.rs



Part II: RS – DE cooperation in Tempus III projects



JEP 40057 - 2005 Postgraduate Studies in Public Health Sciences

GH: Technische Universität Dresden, DE

Coordinator: University of Belgrade, RS

partners :

UNIVERSITA CATTOLICA SACRO CUORE, Rome, IT

INSTITUTE OF PUBLIC HEALTH, Krakow, PL

UNIVERSITA CATTOLICA SACRO CUORE, Faculty of Medicine, Rome, IT

Univ. of Dresden was also GH in JEP 17017 - 2002, Mathematics Curricula for Technological Development

TEMPUS
Modernising higher education

www.tempus.ac.rs



Part II: RS – DE cooperation in Tempus III projects



JEP 18114 - 2003 Restructuring of Mechanical Engineering Studies
Grantholder: Technical University of Braunschweig, DE

Coordinator: University of Kragujevac, RS



Partners:

MINISTRY OF SCIENCE, TECHNOLOGY AND DEVELOPMENT, RS

UNIVERSITY OF BELGRADE, RS

UNIVERSITY OF NIS, RS

INTERNATIONAL CENTRE FOR NUMERICAL METHODS IN ENGINEERING

CIMNE, Barcelona, ES

*Univ. of Braunschweig was also GH in JEP 40069 - 2005 Multidisciplinary
Studies of Design in Mechanical Engineering*

TEMPUS
Modernising higher education

www.tempus.ac.rs



Part II: RS – DE cooperation in Tempus III projects



JEP - 17019 - 2002 Introduction and development of a new study profile “Transport flows and logistics” at the Faculty of Mechanical Engineering, University of Nis

Grantholder: “Otto von Guericke” Universitaet Magdeburg, DE
Coordinator: University of Niš, RS

Partners:

TECHNISCHE UNIVERSITAET MUENCHEN, München, DE

TECHNISCHE UNIVERSITÄT DRESDEN, Dresden, DE

TECHNISCHE UNIVERSITÄT WIEN, Wien, AT

UNIVERSITÄT KARLSRUHE (Technische Hochschule), Karlsruhe, DE

TECHNICAL UNIVERSITY OF SOFIA, Sofia - BG



TEMPUS
Modernising higher education

www.tempus.ac.rs



Part II: RS – DE cooperation in Tempus III projects



.....

JEP 16071 - 2001: Curriculum Development in Forestry Sciences
Albert-Ludwigs-Universität Freiburg im Breisgau, DE

JEP 16059 – 2001: Building Cooperative Academic Library Network in Serbia
Humboldt-Universität zu Berlin, DE

JEP 17038 - 2002: Development of Higher Architectural Education
in Serbia - Curriculum Reforms at the Faculty of Architecture, University
of Belgrade
RWTH Aachen Rheinisch Westfälische Technische Hochschule Aachen, DE

JEP 16160 - 2001 Innovation of Computer Science Curriculum in Higher
Education
Universität Dortmund, DE

.....

TEMPUS
Modernising higher education

www.tempus.ac.rs



Part II: RS – DE cooperation in Tempus IV projects



**JP 144856-2008 International Accreditation of Engineering Studies
GH & Coordinator: University of Belgrade, RS**

Partners:

ASIIN Consult GmbH, DE

University Karlsruhe (TH), DE

Technische Universität München , DE

Technical University of Munich, DE

University of Nis, RS

University of Kragujevac, RS

Ministry of Education of the Republic Serbia, RS

German University in Cairo, EG

Imperial College London, UK

Universitat Politècnica de Catalunya, ES

+ 3 companies

TEMPUS
Modernising higher education

www.tempus.ac.rs





Part III

Priorities in the 3rd Tempus IV Call for proposals

*focus on
National priorities for Serbia and regional for
the Western Balkans*

TEMPUS
Modernising higher education

<http://ec.europa.eu/tempus>



Part III: Priorities in the 3rd Tempus IV Call for proposals



Joint projects:

Curriculum reform

Governance reform

Higher Education and Society

Structural measures

Governance reform

Higher Education and Society

Note: *project can address a national priority which is common to all participating PCs, or a priority identified as a common regional one...*

Part III: Priorities in the 3rd Tempus IV Call for proposals



Joint project - curricular reform segment

(Modernisation of curricula with 3 cycle structure, ECTS and degree recognition)

Serbia	Western Balkans
<ul style="list-style-type: none">§ Education Sciences§ Teacher Training§ Finance, Marketing§ Tourism§ Modern European Languages§ Translation and Interpreting§ Communication§ Interdisciplinary studies§ Civil Engineering§ Chemistry, Biotechnology§ Graduate conversion courses	<ul style="list-style-type: none">§ Education/ pedagogy (including primary and secondary teacher training)§ Vocational education and training§ Rural development§ Law and good governance (including human rights)

Part III: Priorities in the 3rd Tempus IV Call for proposals



Joint project - governance reform segment

Serbia	Western Balkans
<p>§University management and student services</p> <p>§Equal and transparent access to HE</p>	<p>§University management and student services</p> <p>§Introduction of quality assurance</p> <p>§Institutional and financial autonomy & accountability</p> <p>§Equal and transparent access to HE</p>

Part III: Priorities in the 3rd Tempus IV Call for proposals



Joint project - higher education and society segment

Serbia	Western Balkans
<ul style="list-style-type: none">§ Training of non-university teachers§ Development of partnerships with enterprises § Training courses for public services (Min./ local auth.) § Qualifications frameworks	<ul style="list-style-type: none">§ Development of partnerships with enterprises§ Knowledge triangle education/research/innovation§ Training courses for public services (Min./ local auth.)§ Development of lifelong learning in society at large

Part III: Priorities in the 3rd Tempus IV Call for proposals



Structural Measures - governance reform segment

Serbia	Western Balkans
<ul style="list-style-type: none">§University management and student services§Introduction of quality assurance§Institutional and financial autonomy & accountability§Equal and transparent access to HE§Development of International relations	<ul style="list-style-type: none">§University management and student services§Introduction of quality assurance§Institutional and financial autonomy & accountability§Equal and transparent access to HE

Part III: Priorities in the 3rd Tempus IV Call for proposals



Structural Measures - higher education and society segment

Serbia	Western Balkans
<ul style="list-style-type: none">§ Training of non-university teachers§ Development of partnerships with enterprises§ Knowledge triangle education/research/innovation§ Training courses for public services (Min./ local auth.) § Qualifications frameworks	<ul style="list-style-type: none">§ Development of partnerships with enterprises§ Knowledge triangle education/research/innovation§ Training courses for public services (Min./ local auth.)§ Development of lifelong learning at large

Part III: Priorities in the 3rd Tempus IV Call for proposals



NTO Serbia observations - general:

- Need for better involvements of relevant authorities/ministries, social partners, stakeholders, companies, enterprises
- Involvement of students/ student representative bodies
- Insistence on cost-effectiveness and wider impact
- Capacity/level of institutions for addressing certain topics of the projects

Governance reform projects and Structural Measures require combining traditional Tempus bottom-up with stronger top down approach

Part III: Priorities in the 3rd Tempus IV Call for proposals



Some challenges for HE reflected on Tempus projects:

- Flexible learning paths between academic and professional programmes
- National Qualification Framework
- Professional Bachelor studies and their reception at the labour market
- Creation of universities of applied sciences – integration of existing universities
- Master programmes of applied sciences offered by the professional colleges and universities

Part III: Priorities in the 3rd Tempus IV Call for proposals



Colleges of applied sciences / colleges of professional studies (their current study scheme: 3-Bachelor and 1 year specialization)

- Readiness for participation in Tempus: attempts in 2004, 2005
- Tradition of providing less of theoretical and more on practice oriented courses
- More interest / more lively cooperation with industry
- Sensitivity to the employability of their graduates and needs of the labour market

Part III: Priorities in the 3rd Tempus IV Call for proposals



Colleges of applied sciences / colleges of professional studies

Good number of applications for Tempus in Call 2 (April 2009):

e.g.

- *Networking the Higher Education and Companies*
- *Lifelong E-learning (eLLL)*
- *Improvement of Professional Higher Education in Serbia*
- *Conversion Courses Based on Labour Market Analysis*

The first project selected for funding in 2nd Call for proposal with participation of vocational colleges:

Occupational safety and health - degree curricula and lifelong learning

Part III: Priorities in the 3rd Tempus IV Call for proposals



Some ideas for projects in the next Call:

- Pre-school teacher education
- Education for inclusion of vulnerable groups
- Structural project for regulating HE –enterprise cooperation etc.
- Regional SEE and cooperation with the EU member states to analyze and compare experience with professional studies
- Regulation of students placement at the national level
- Professional Masters programmes
- ???



National Tempus office Serbia

Lazarevićeva 9/14
11000 Belgrade, Serbia

+381 11 32 33 409,

+381 11 33 47 389

office@tempus.ac.rs

www.tempus.ac.rs



Thank you for
your attention!



TEMPUS

Modernising higher education

www.tempus.ac.rs

