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# Project: Building capacity of Serbian Agricultural Education to link with Society

Acronym	Application year	Grant	Reference number	Duration	Scope	Project status
CaSa	2013	778738.15	544072-2013	3 years	National	finalized
Eligibility period start	Eligibility period end	Extended until	Website		Facebook	
December 01, 2013	November 30, 2016		<a href="http://casa.polj.uns.ac.rs">http://casa.polj.uns.ac.rs</a> <a href="http://casa.polj.uns.ac.rs">http://casa.polj.uns.ac.rs</a>		<a href="https://www.facebook.com/groups/CaSATempus/">https://www.facebook.com/groups/CaSATempus/</a> <a href="https://www.facebook.com/groups/CaSATempus/">https://www.facebook.com/groups/CaSATempus/</a>	

## Project summary

CaSA, coordinated by University of Belgrade, will strengthen links between higher education and society by building capacity of all five Serbian Faculties of Agriculture (FA) to improve teachers' competences in pedagogic skills and in their ability to provide eLearning in-service vocational training courses for agricultural secondary school (AMS) teachers and experts in extension services (ES). Networking of all stakeholders in agricultural education and project sustainability are ensured by creating a National Repository for Agricultural Education (NaRA). Courses will be held at each FA in e-learning for university staff and for both university and AMS teachers in active teaching/learning (ATL), to be given by experts from Education Forum. ATL is important for both groups of teachers as they had no pedagogical training during their graduate courses. University teachers will develop and implement classical and online vocational courses targeting recent advances in agriculture for AMS teachers and agronomists in ES, in collaboration with Universities from Maribor and Foggia. NaRA will be formed with help from the Agricultural University, Timisoara. NaRA will be used as a repository for online courses and teaching resources developed during trainings of university and AMS teachers. CaSA will also provide skills training to ES specialists for effective farmer communication in project proposals and impact by experts from Balkan Security Network and university teachers. Project deliverables will be stored and available in the NaRA for future users. Sustainability of NaRA will be ensured beyond the project by recognition of the Republic of Serbia Ministries of Education, Science and Technological Development, and Agriculture, with some courses being commercialized, and project databases, professional forums, and relevant information remaining updated and open access. Management of NaRA will be regulated by an Agreement between universities and other project partners.

## Objectives

CaSA has following specific objectives:

SO1 - Improvement of quality and availability of vocational agricultural education

SO2 - Strengthening of professional and pedagogical competences of educators

SO3 - Creation of the "open source" repository for educators in the area of agricultural education

## Programme

### Programme

TEMPUS PROGRAMME

### Subprogramme

Structural Measures- Higher Education and Society

# Subject areas

- Agriculture, forestry and fishery

## Partners

### ► University of Belgrade, SRB Contact person

Vesna Poleksic Contact person (/en/persons/1322), Radovan Mitricevic (/en/persons/2354), Ljubica Spasenovic Todoric (/en/persons/2353), Mirjana Mihajlovic (/en/persons/2351), Igor Novcic (/en/persons/2350), Elizabeta Atanasova Nikolic (/en/persons/2349), Katarina Smakic (/en/persons/2348), Darko Kozarski (/en/persons/220), Bogdan Mladenovic (/en/persons/2347), Predrag Pudja (/en/persons/2346), Goran Topisirevic (/en/persons/2345), and Pavle Bulajic (/en/persons/2355)

### ► State University of Novi Pazar, SRB

Natasa Djordjevic Contact person (/en/persons/2242), Sofija Pekic Quarrie (Sofija Pekić Quarrie) (/en/persons/1701), Bojana Veljkovic (/en/persons/2504), Dalibor Stojanovic (/en/persons/2503), Sasa Obradovic (/en/persons/2502), Dejan Mircic (/en/persons/2501), Stevan Canak (/en/persons/2500), Svetlana Jeremic (/en/persons/2499), Edin Dolicanin (Един Долићанин) (/en/persons/352), Milan Dekic (/en/persons/2498), Irfan Fetahovic (/en/persons/448), Zana Dolicanin (/en/persons/1996), Cemal Dolicanin (Џемал Долићанин) (/en/persons/189), Miladin Kostic (Миладин Костић) (/en/persons/1926), and Braho Licina (/en/persons/2505)

### ► Educons University, SRB

Ljubinko Jovanovic (Ljubinko Jovanović) Contact person (/en/persons/1846), Zoran Masic (Zoran Mašić) (/en/persons/1863), Jelena Andrejic (/en/persons/2314), Olivera Nikolic (/en/persons/2377), and Milanko Pavlovic (/en/persons/2378)

### ▼ University of Kragujevac, SRB

Snezana Tanaskovic (Снежана Танасковић) Contact person (/en/persons/1845), Milan Nikolic (/en/persons/2332), Jelena Pantovic (/en/persons/2331), Mirjana Radovanovic (/en/persons/2330), Simeon Rakonjac (/en/persons/2329), Dalbor Tomic (/en/persons/2328), Jelena Mladenovic (/en/persons/2327), Milevica Bojovic (/en/persons/2326), Milomirka Madic (/en/persons/2325), and Dusan Markovic (/en/persons/2333)

### ► University of Novi Sad, SRB

Dusan Petric (Dušan Petrić) Contact person (/en/persons/335), Branko Cupina (Branko Ćupina) (/en/persons/174), Aleksandra Ignjatovic-Cupina (/en/persons/38), Dragan Zikic (Dragan Žikić) (/en/persons/2668), and Aleksandar Potkonjak (/en/persons/1854)

### ► Ministry of Education, Science and Technological Development of the Republic of Serbia, SRB

Danijela Scepanovic Team Member (/en/persons/1850) and Viktor Nedovic Contact person (/en/persons/1333)

### ► Balkan Security Network, SRB

Ratko Bojovic Contact person (/en/persons/3032) and Bosko Nektarijevic (/en/persons/1849)

### ► Educational Forum, SRB

Ana Pesikan Contact person (/en/persons/68)

### ► Institute for Science Application in Agriculture, SRB

Slavica Colic (Славица Чолић) Contact person (/en/persons/1848)

### ► Association of secondary schools in the area of agriculture, food processing and production, SRB

Vidoje Vukasinovic (Видоје Вукашиновић) Contact person (/en/persons/1847)

### ► University of Maribor, SVN

Franc Bavec <a href="#">Contact person</a> (/en/persons/1852)
► <b>Banat University of Agricultural Sciences and Veterinary Medicine, ROU</b>
Cosmin Salasan <a href="#">Contact person</a> (/en/persons/1851)
► <b>University of Foggia, ITA</b>
Francesco Conto <a href="#">Contact person</a> (/en/persons/1853)

## Deliverables

Title	Type	To
1.1 NaRA structured	Report	December 31, 2013
1.2 NaRA created and maintained	Learning resources	November 30, 2016
2.1 Equipment purchased and installed	Learning resources	March 31, 2014
2.2 IT administrators trained	Training	May 31, 2014
2.3 IT expert engaged	Other products	November 30, 2016
2.4 One cameraman and film editor engaged	Other products	September 30, 2016
3.1 University teachers trained in ATL	Training	June 30, 2014
3.2 University teachers trained in academic skills	Training	June 30, 2014
3.3 University teachers trained	Training	November 30, 2014
4.1 Report on need analysis and conclusions	Report	October 31, 2014
4.2 Acquired knowledge on good practices by UT	Events: Conferences and Seminars	November 30, 2014
4.3 Classical vocational courses	Learning resources	March 31, 2015
4.4 Online vocational courses	Learning resources	June 30, 2015
5.1 AMS teachers trained in ATL	Training	June 30, 2015
5.1 AMS teachers trained in ATL	Training	June 30, 2015
5.2 AMS teachers trained in elearning	Training	November 30, 2014
6.1 Agronomists in ES trained in using online platform	Teaching material	February 28, 2015
6.2 Agronomists in ES trained	Training	March 31, 2015
7.1 Classical pilot vocational courses implemented	Training	October 31, 2016
7.2 Pilot web based vocational courses implemented	Training	October 31, 2016
8.1 Quality control body created	Report	December 31, 2013
8.2 Questionnaires for training courses evaluation	Methodology	May 31, 2015
8.3 Report on courses feedback questionnaires analysis	Report	October 31, 2015

Title	Type	To
8.4 Peer review reports	Report	September 30, 2015
8.5 Questionnaires for vocational course evaluation	Methodology	October 31, 2015
8.6 Report on questionnaires analysis	Report	November 30, 2016
9.1 Dissemination plan	Report	December 31, 2013
9.2 Web site	Other products	November 30, 2016
9.3 Articles, news, newsletter and reports	Other products	November 30, 2016
9.4 Training manuals and guidelines	Teaching material	April 30, 2015
9.5 Project results presented, analyzed, disseminated	Events: Conferences and Seminars	November 30, 2016
10.1 Agreement between faculties' managements	Report	December 31, 2013
10.2 Procedures of intellectual property rights adopted	Methodology	December 31, 2013
10.3 Vocational courses prepared for accreditation	Teaching material	December 31, 2015
10.4 Vocational courses prepared for certification	Teaching material	December 31, 2015
11.1 Report about meetings	Report	November 30, 2015
11.2 SCmeeting minutes and signed Partnership agreement	Report	December 31, 2013
11.3 Annual reports at SC meetings	Report	November 30, 2016
11.4 Reports	Report	November 30, 2016
11.5 Reports to EACAE	Report	November 30, 2016
11.6 Final conference held	Events: Conferences and Seminars	November 30, 2016
11.7 Minutes of the final SC meeting	Report	November 30, 2016
11.8 Audit report	Report	November 30, 2016

## Resources

Resource title	Resource type	Keywords	Authors
► Presentation of the CASA project	Promotion material	Repository, agriculture, agricultural education, online courses, professional competencies, pedagogical competencies, open source	

Resource title	Resource type	Keywords	Authors
► Need analysis for knowledge refreshment of agricultural school teachers and extension service advisors in agriculture	Study / Analysis	Work performance, soft skills, crop and vegetable production, animal husbandry, fruit growing, phytomedicine, agricultural economy	Danijela Scepanovic, Steve Quarrie, Slavica Colic, Dusan Petric, Snezana Tanaskovic, Ljubinko Jovanovic, Natasa Djordjevic, Vidoje Vukasinovic, Snezana Jankovic, Ana Pesikan, Cosmin Salasan, Franc Bavec, Francesco Contò, Sofija Pekic Quarrie, Goran Topisirovic, Vesna Poleksic
► National Repository for Agricultural Education (NaRA)	Teaching / Training materials	Repository, digital material, crop and vegetable production, animal husbandry, fruit growing, phytomedicine, agricultural economy	CaSa consortium