

Zbornik izveštaja sa sastanaka Steering komiteta

Erasmus+ projekta

DualEdu

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP

Steering Committee Proceedings

of the Erasmus+ project

DualEdu

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP

Nenad Zrnić, Radivoje Mitrović, Žarko Mišković, Sanja Šešlija



Beograd, 2021. година

Erasmus disclaimer

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Beograd, 2021. godina

**ZBORNİK IZVEŠTAJA SA SASTANAKA STEERING KOMITETA /
STEERING COMMITTEE PROCEEDINGS
ERAZMUS+ PROJECT DUALEDU
EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP**

Autori / urednici

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Tiraž

150 primeraka

Štampa

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First Steering Committee meeting –
Belgrade, December 2017th



University of
Belgrade

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP

DualEdu

**Implementation of Dual Education in Higher Education of
Serbia**

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia
email: nznric@mas.bg.ac.rs



Faculty of Mechanical
Engineering



FH JOANNEUM
University of Applied Sciences



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



AGENDA

KICK-OFF MEETING OF THE PROJECT

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

contacts: Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193
Dr.-Ing. Žarko Mišković, +381-64-18-32-989

DAY I

Monday, 11 th December 2017, Faculty of Mechanical Engineering, University of Belgrade, Hall 211 (2 nd floor)		
10 ³⁰ – 11 ⁰⁰ h	Registration of participants	
Part I		
Opening and welcome speeches		
11 ⁰⁰ – 11 ³⁰ h	Welcome speeches	Prof. Dr.-Ing. Nenad Zrnić Project coordinator
		Prof. Dr. Ivanka Popović Representative of the Rectorate of the University of Belgrade
		Prof. Dr. Gabrijela Grujić Representative of the Ministry of Education, Science and Technological Development
11 ³⁰ – 12 ⁰⁰ h	Project presentation	Prof. Dr.-Ing. Nenad Zrnić Project coordinator
12 ⁰⁰ – 12 ³⁰ h	Coffee break	

Part II		
Short presentation of partner institutions		
12 ³⁰ – 12 ⁴⁰ h	University of Belgrade Belgrade, Serbia	Prof. Dr.-Ing. Nenad Zrnić Project coordinator
12 ⁴⁰ – 12 ⁴⁵ h	FH Joanneum Gesellschaft M.B.H. Graz, Austria	Prof. Dipl. Ing. Joannes Haas Representative of the FH Joanneum Gesellschaft M.B.H.
12 ⁴⁵ – 12 ⁵⁰ h	FORMASUP Villeneuve d'Ascq, France	Dr. Nathalie Leroy Representative of the FORMASUP
12 ⁵⁰ – 12 ⁵⁵ h	Universidad de Lleida Lleida, Spain	Prof. Dr. Ferran Badia Representative of the Universidad de Lleida
12 ⁵⁵ – 13 ⁰⁰ h	Spoleczna Akademia Nauk Lody, Poland	M.A. Emilia Szczygielska Representative of the Spoleczna Akademia Nauk
13 ⁰⁰ – 13 ⁰⁵ h	PowMio GmbH Karlsruhe, Germany	Dr.-Ing. Dejan Ilić Representative of the PowMio GmbH
13 ⁰⁵ – 13 ¹⁰ h	Belgrade Metropolitan University Belgrade, Serbia	Prof. Dr. Dragan Domazet Representative of the Metropolitan University
13 ¹⁰ – 13 ¹⁵ h	University of Novi Sad Novi Sad, Serbia	Prof. Dr. Dejan Janković Representative of the University of Novi Sad
13 ¹⁵ – 13 ²⁰ h	University of Kragujevac Kragujevac, Serbia	Olivera Mijatović Representative of the University of Kragujevac
13 ²⁰ – 13 ²⁵ h	State University of Novi Pazar Novi Pazar, Serbia	Assist. Prof. Dr. Senad Ganić Representative of the State University of Novi Pazar
13 ²⁵ – 13 ³⁰ h	The School of Electrical and Computer Engineering of Applied Studies Belgrade, Serbia	Prof. Dr. Goran Dikić Representative of the School of Electrical and Computer Engineering of Applied Studies
13 ³⁰ – 13 ³⁵ h	Ministry of Education, Science and Technological Development Belgrade, Serbia	XX Representative of the Ministry of Education, Science and Technological Development
13 ³⁵ – 13 ⁴⁰ h	National Council for Higher Education of the Republic of Serbia Belgrade, Serbia	Prof. Dr. Miodrag Popović Representative of the National Council for Higher Education of the Republic of Serbia
13 ⁴⁰ – 13 ⁴⁵ h	Cluster Ni-CAT Niš, Serbia	M.Sc. Goran Mladenović Representative of the Cluster Ni-CAT
13 ⁴⁵ – 15 ³⁰ h	Lunch break	
Part III		
Work Package presentation session		
15 ³⁰ – 15 ⁵⁰ h	WP1 - PREPARATION	Dr. Nathalie Leroy Representative of the FORMASUP, France
15 ⁵⁰ – 16 ¹⁰ h	WP2 - DEVELOPMENT	Prof. Dr. Dragan Domazet Representative of the Belgrade Metropolitan University, Serbia
16 ¹⁰ – 16 ³⁰ h	WP3 - DEVELOPMENT	Prof. Dr. Nenad Stanišić Representative of the University of Kragujevac, Serbia

16 ³⁰ – 16 ⁵⁰ h	WP4 - DEVELOPMENT	Prof. Dr. Goran Dikić Representative of the School of Electrical and Computer Engineering of Applied Studies, Serbia
16 ⁵⁰ – 17 ²⁰ h	Coffee break	
17 ²⁰ – 17 ⁴⁰ h	WP5 - QUALITY PLAN	Prof. Dipl. Ing. Joannes Haas Representative of the FH JOANNEUM Gesellschaft mbH (FH JOANNEUM University of Applied Sciences), Austria
17 ⁴⁰ – 18 ⁰⁰ h	WP6 - DISSEMINATION & EXPLOITATION	Prof. Dr. Mirko Savić Representative of the University of Novi Sad, Serbia
18 ⁰⁰ – 18 ²⁰ h	WP7 - MANAGEMENT	Prof. Dr.-Ing. Nenad Zrnić Representative of the University of Belgrade, Serbia
18 ²⁰ – 19 ⁰⁰ h	<i>Discussion</i>	
19 ⁰⁰ – 20 ³⁰ h	<i>Dinner</i>	

DAY II

Tuesday, 12 th December 2017, Faculty of Mechanical Engineering, University of Belgrade, Hall 211 (2 nd floor)		
09 ⁴⁵ – 10 ⁰⁰ h	Registration of participants	
Part I		
Project tasks and activities		
10 ⁰⁰ – 10 ³⁰ h	Erasmus+ presentation	Tatjana Stanković Representative of the National Erasmus+ Office
10 ³⁰ – 10 ⁴⁵ h	<i>Coffee break</i>	
10 ⁴⁵ – 11 ⁰⁰ h	Forming of the management structures (Steering Committee and Local Committees)	Prof. Dr.-Ing. Nenad Zrnić Project coordinator
11 ⁰⁰ – 11 ³⁰ h	Grant Agreement and Partnership Agreements	Tamara Rokvić Representative of the Rectorate of University of Belgrade
11 ³⁰ – 12 ⁰⁰ h	Distribution of work (WP managers, task leaders, participants)	Prof. Dr.-Ing. Nenad Zrnić Project coordinator
12 ⁰⁰ – 12 ³⁰ h	Financial and Administrative aspects of reporting	Tamara Rokvić Representative of the Rectorate of University of Belgrade
12 ³⁰ – 13 ⁰⁰ h	Steering Committee meeting Action plan for the first year of the project realisation	Prof. Dr.-Ing. Nenad Zrnić Project coordinator
13 ⁰⁰ – 13 ³⁰ h	<i>Discussion and closing of the kick off meeting</i>	
13 ³⁰ – 15 ⁰⁰ h	<i>Lunch break</i>	
15 ⁰⁰ – 18 ⁰⁰ h	<i>Presentation of the research and scientific capacities of the Faculty of Mechanical Engineering at the University of Belgrade (optional)</i>	



DualEdu



Steering Committee meeting *Action plan for the first year of the project realisation*

Prof. Dr.-Ing. Nenad Zrnic



12/28/2017

1



Previous Work Plan for year 1

Activities		M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
Ref.nr/	Title												
1.1.	Analysis of EU practices and experiences	4X=	4X=	4X=	4X=	4X=	4X=						
1.2.	Study visits of EU partners		1=	1=	1=	1=	1=	1=					
1.3.	Survey of company needs for DHE in Serbia	4X	4X	4X	4X								
2.1.	Development of flexible and generic Dual Higher Education Model in Serbia			4X	4X	4X	4X	4X					
2.2.	Conference on DualEdu added value on industrial sector						2X						
2.3.	Discussion Forum on the proposed DHE model with key stakeholders and policy makers							4X					
3.1.	Creating amendments to the Law on Dual Education and Law on Higher Education of Serbia						4X	4X	4X				
3.2.	Creating amendments to the Labour Law						4X	4X	4X				
3.3.	Creating amendments to the Accreditation Standards						4X	4X	4X				
3.4.	Discussion forum on draft proposals of amendments								4X				
4.1.	Identification and conceptual definition of specific DHEMs									4X	4X	4X	4X
4.2.	Presenting specific DHEMs to companies and making agreements for participation											4X	4X
4.3.	Planning of pilot testing of specific DHEMs											2X	2X
4.4.	Purchasing equipment								2X		2X	2X	2X
4.5.	Development of training materials										4x	4x	3x
5.1.	Creating quality and evaluation strategy and project quality monitoring	4X=	4X=	4X=									
6.1.	Defining dissemination and exploitation plan	4X	4X										



Work Plan (active) for year 1 WP 1-3

WP Num.	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP1: PREPARATION - RESEARCH AND NEEDS ANALYSIS																	
WP1	FOR	FOR	1.1.	Analysis of EU practices and experiences	24				2X=4X=4X=4X=4X=								Sumer Holiday
		FHJ	1.2.	5 Study visits of EU partners	5					1=	2=	1=	1=				
		BMU	1.3.	Survey of company needs for DHE in Serbia	24			4X	4X	4X	4X	4X	4X				
WP2: DEVELOPMENT - Flexible and generic Dual Higher Education Model (DHEM) for Serbia																	
WP2	BMU	BMU	2.1.	Development of a flexible and generic Dual Higher Education Model for Serbia	24							4X	4X	4X	4X	4X	4X
		BMU	2.2.	Conference on DualEdu added value on industrial sector	2								2X	4X			
		BMU	2.3.	Discussion Forum on the proposed DHEM model with key stakeholders and policy makers	4											2X	4X
WP3: DEVELOPMENT - Creation of Legal and Other Conditions for Implementation of DHE in Serbia																	
WP3	UKG	MEST	3.1.	Creating amendments to the Law on Higher Education of Serbia	72							4X	4X	4X	4X	4X	4X
		UKG	3.2.	Creating amendments to the Labour Law	72							4X	4X	4X	4X	4X	4X
		UNS	3.3.	Creating amendments to the Accreditation Standards	72							4X	4X	4X	4X	4X	4X
		NCHE	3.4.	Discussion forum on draft proposals of ammendments	8												
		UKG	3.5.	Creating recommendations to HEIs in Serbia how to implement DHE	24												



Work Plan (active) for year 1 WP 4-5

WP Num.	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP4: DEVELOPMENT - Pilot testing of the flexible and generic DHEM																	
WP4	VISER	UB	4.1.	Identification and conceptual definition of specific DHEMs	8												4X
		BMU	4.2.	Presenting specific DHEMs to companies and making agreements for participation	8												
		VISER	4.3.	Planning of pilot testing of specific DHEMs	8												
		VISER	4.4.	Development of training materials	48												
		VISER	4.5.	Pilot implementation and testing of specific DHEMs	80												
		UB	4.6.	Purchase of equipment	36							2X	2X	2X	2X	2X	2X
		VISER	4.7.	Analysis of the results of pilot testing	12												
WP5: QUALITY PLAN - Quality Assurance and Monitoring																	
WP5	FHJ	FHj	5.1.	Creating quality and evaluation strategy and project quality monitoring	12	4X=	4X=	4X=	4X=	4X=							
		SUNP	5.2.	Preparation of the interim evaluation report	4												
		SUNP	5.3.	Preparation of the final evaluation report	8												



Work Plan (active) for year 1 WP 6-7

WP Num.	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP6: DISSEMINATION & EXPLOITATION - Dissemination and Exploitation of Results																	
WP6	UNS	UNS	6.1.	Defining dissemination and exploitation plan	20			4X	4X								
		UNS	6.2.	Preparation of dissemination products	36	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X
		UNS	6.3.	Preparation of the interim dissemination and exploitation report	4												
		UNS	6.4.	Preparation of the final dissemination and exploitation report	8												
		UB	6.5	Final Conference	4												
WP7: MANAGEMENT - Project Management																	
WP7	UB	UB	7.1.	Overall project management	36												
		UB	7.2.	5 Steering Committee meetings	3			1X							1x		
		UB	7.3.	7 Local Committee meetings	4									1X			1X
		UB	7.4.	Monitoring and internal coordination	36												
		UB	7.5.	Preparation of Final report	12												

Year 1: WP1 - Research and needs analysis Planned activities

- 1.1 Analysis of EU and worldwide practices and experiences in the DHE;
15.12.2017. – 31.05.2018.
 - At least 10 programmes in DHE in different industrial sectors will be analysed.
- 1.2 Study visits to EU partners;
01.02.2018. – 31.05.2018.
 - 2 day study visits to 5 programme countries institutions
- 1.3 Survey of companies needs for DHE in Serbia
15.12.2017. – 31.05.2018.
 - Each Serbian partner will analyse the needs of at least 10 representative companies from chosen industrial sector.
- DELIVERABLES:
 - Review of EU and worldwide best practices and experiences in DHE – Report
 - Transfer of knowledge and skills from programme countries institutions to Serbian HEIs - Report
 - Report on review of needs and recommendations regarding DHE - Report

Year 1: WP2 - Flexible and generic Dual Higher Education Model (DHEM) for Serbia - Planned activities

- 2.1 Development of a flexible and generic Dual Higher Education Model for Serbia;
01.04.2018. – 31.09.2018.
- 2.2 Organization of Conference on DualEdu added value to industrial sector
15.05.2018. – 30.06.2018.
- 2.3 Discussion Forum on the proposed DHEM model with key stakeholders and policy makers
15.08.2018. – 31.09.2018.
- DELIVERABLES:
 - Flexible and generic Dual Higher Education Model (DHEM) for Serbia – Report
 - Conference on DualEdu added value on industrial sector – Event - Nis
 - Discussion Forum on the proposed DHEM model with key stakeholders and policy makers – Event – Belgrade

Year 1: WP3 - Creation of Legal and Other Conditions for Implementation of DHE in Serbia - Planned activities

- 3.1 Creating amendments to the Law on Higher Education of Serbia and Law on Dual Education
01.04.2018. – 31.05.2019.
- 3.2 Creating amendments to the Labour Law
01.04.2018. – 31.05.2019.
- 3.3 Creating amendments to the Accreditation Standards
01.04.2018. – 31.05.2019.
- DELIVERABLES:
 - Amendments to the Law on Higher Education and law on Dual Education of Serbia – Report 14.06.2018.
 - Amendments to the Labour Law – Report 14.06.2018.
 - Amendments to the Accreditation Standards – Report 14.06.2018.



Year 1: WP4 - Pilot testing of the flexible and generic DHEM - Planned activities

- 4.1 Identification and conceptual definition of specific DHEMs;
01.09.2018. – 31.11.2018.
- 4.4 Purchase of equipment;
15.04.2018. – 14.06.2019.



Year 1: WP5 - Quality Assurance and Monitoring Planned activities

- 5.1. Creating quality and evaluation strategy and project quality monitoring
15.12.2017. – 15.03.2018.
- DELIVERABLES:
 - Quality and evaluation strategy - Report



Year 1: WP6 - Dissemination and Exploitation of Results - Planned activities

- 6.1. Defining dissemination and exploitation plan
15.12.2017. – 15.02.2018.
- 6.2. Preparation of dissemination products
15.12.2017. – 30.09.2020.
- DELIVERABLES:
 - Dissemination and exploitation plan – Report 15.02.2018.
 - Website 15.02.2018.
 - Facebook profile 15.02.2018.
 - LinkedIn profile 15.02.2018.

Year 1: WP7 - Project management Planned activities

- 7.2 Five Steering Committee meetings
- 7.3 Seven Local Committee meetings
- DELIVERABLES:
 - 2 Steering Committee meetings, Belgrade, Kragujevac
 - 2 Local Committee meetings, Belgrade, Nis

Planned Travels – Year 1

VISITS TO EU PARTNERS

- FH Joanneum Gesellschaft M.B.H, Graz – **xx.02.2018.**
- FORMASUP, Lille – **xx.03.2018.**
- Universitat of Lleida – **xx.03.2018.**
- Spoleczna Akademia Nauk, Lodz – **xx.04.2018.**
- PowMio, Karlsruhe – **xx.05.2018.**

Planned Travels – Year 1

LOCAL TRAVELS

- Belgrade SC, 11-12.12.2017.
- Kragujevac SC , **xx.07.2018.**
- Nis Conference on DualEdu added value on industrial sector + LC, **xx.06.2018**
- Belgrade Discussion Forum on the proposed DHEM model with key stakeholders and policy makers + LC, **xx.09.2018.**



The University of Belgrade



Number of Participants	City of Destination	Number of days
5	Belgrade	2
5	Gratz	4
5	Lille	4
5	Lodz	4
5	Lleida	4
5	Karlsruhe	4
5	Kragujevac	2
5	Nis	2
5	Belgrade	2



FH Joanneum Gesellschaft M.B.H



Number of Participants	City of Destination	Number of days
2	Kragujevac	4
2	Belgrade	4





FORMASUP



Number of Participants	City of Destination	Number of days
2	Kragujevac	4
2	Belgrade	4



Universitat de Lleida



Number of Participants	City of Destination	Number of days
2	Kragujevac	4
2	Belgrade	4



Spoleczna Akademia Nauk

Number of Participants	City of Destination	Number of days
2	Kragujevac	4
2	Belgrade	4



Belgrade Metropolitan University



Number of Participants	City of Destination	Number of days
3	Belgrade	2
3	Gratz	4
3	Lille	4
3	Lodz	4
3	Lleida	4
3	Karlsruhe	4
2	Kragujevac	2
3	Nis	2
3	Belgrade	2



University of Novi Sad



Number of Participants	City of Destination	Number of days
3	Belgrade	2
3	Gratz	4
3	Lille	4
3	Lodz	4
3	Lleida	4
3	Karlsruhe	4
3	Kragujevac	2
3	Nis	2
3	Belgrade	2





University of Kragujevac



Number of Participants	City of Destination	Number of days
3	Belgrade	2
3	Gratz	4
3	Lille	4
3	Lodz	4
3	Lleida	4
3	Karlsruhe	4
3	Kragujevac	2
3	Nis	2
3	Belgrade	2



State University of Novi Pazar



Number of Participants	City of Destination	Number of days
3	Belgrade	3
3	Gratz	4
3	Lille	4
3	Lodz	4
3	Lleida	4
3	Karlsruhe	4
3	Kragujevac	2
3	Nis	2
3	Belgrade	2





VISER



Number of Participants	City of Destination	Number of days
3	Belgrade	2
3	Gratz	4
3	Lille	4
3	Lodz	4
3	Lleida	4
3	Karlsruhe	4
3	Kragujevac	2
3	Nis	2
3	Belgrade	2



Ministry of Education, Science and Technological Development



Number of Participants	City of Destination	Number of days
3	Belgrade	2
2	Gratz	4
2	Lille	4
2	Lodz	4
2	Lleida	4
2	Karlsruhe	4
3	Kragujevac	2
3	Nis	2
3	Belgrade	2





National Council for Higher Education



Number of Participants	City of Destination	Number of days
3	Belgrade	2
2	Gratz	4
2	Lille	4
1	Lodz	4
2	Lleida	4
2	Karlsruhe	4
3	Kragujevac	2
3	Nis	2
3	Belgrade	2



NiCat



Number of Participants	City of Destination	Number of days
3	Belgrade	2
2	Gratz	4
2	Lille	4
2	Lodz	4
2	Lleida	4
2	Karlsruhe	4
3	Kragujevac	2
3	Nis	2
3	Belgrade	2



THANK YOU FOR
YOUR ATTENTION!

QUESTIONS?



*Parole: ON THE ROAD TO SUCCESS, THERE ARE
NO SHORTCUTS*

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP



University of
Belgrade



**Implementation of Dual Education in Higher Education of
Serbia**

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Faculty of Mechanical
Engineering



FH JOANNEUM
University of Applied Sciences



SPÓŁECZNA AKADEMIA NAUK



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STEERING COMMITTEE MEETING #1 OF THE PROJECT

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

MINUTES OF THE MEETING

contacts:

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

Dr.-Ing. Žarko Mišković, +381-64-18-32-989

Project acronym:	DUALEDU
Project full title:	Implementation of Dual Education in Higher Education of Serbia
Project No:	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP (2017-2962/001-001)
Funding scheme:	ERASMUS+
Project start date:	October 15, 2017
Project duration:	36 months

Abstract	This report represents the minutes of the first Steering Committee meeting.
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Title of document:	Steering Committee Meeting #1 – Minutes of the Meeting
Work package:	WP 7: Management
Activity:	7.2. Steering Committees Meetings
Last version date:	25/12/2017
File name:	KO_MoM_6.pdf
Number of pages:	10
Dissemination level:	Consortium

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision description	Partner responsible
v.1.0	22/12/2017	Creation of the first draft	UB (Zivana Jakovljevic)

DISCLAIMER

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Activity Date: 12/12/2017

Organizer: University of Belgrade

Location: Faculty of Mechanical Engineering, University of Belgrade, Belgrade, Serbia

Present: 12 participants out of 14 with voting rights

- UB - Prof. Dr.-Ing. Nenad Zrnic,
- FHJ – Prof. Dipl. Ing. Joannes Haas,
- FORMASUP – Dr. Nathalie Leroy,
- UDL - Prof. Dr. Ferran Badia,
- SAN - M. A. Emilie Szczygieska,
- PowMio - Dr. Dejan Ilic,
- BMU - Prof. Dr. Dragan Domazet,
- UNS – Prof. Dr. Mirko Savic,
- UNIKG - Prof. Dr. Nenad Stanisic,
- SUNP - Prof. Dr. Miladin Kostic,
- VISER – Prof. Dr. Goran Diklic,
- Ni-CAT - M. Sc. Goran Mladenovic,

and 15 other participants

Report:

The meeting was opened at 12:45 on Tuesday, December 12, 2017 by the Coordinator of the project Prof. Dr.-Ing. Nenad Zrnic. The venue of the meeting was at the Room 211 at University of Belgrade – Faculty of Mechanical Engineering. The topic of the meeting was the Action plan for the first year of the project realization.

Prof. Dr.-Ing. Nenad Zrnic, UB started the presentation regarding the Action plan for the first year of the project realization. He stated that the work plan from project application needed to be changed. Namely, the original plan was to have the kick off meeting in the first one of two weeks after the beginning of the project (15/10/2017). However, the Grant Agreement with the Agency was signed and the first installment was received in November 2017. Accordingly, some activities from original work plan need to be postponed since we are now at the second month of the project. The working material for work plan changes will be the new work plan that Prof. Dr. Dragan Domazet, BMU proposed.

Action plan for WP 1

Meeting in Brussels will be on 29-30 January 2018 and financial guidelines will be available afterwards. The study visits to EU partners can start from the second half of the February 2018. Accordingly the following action plan was suggested:

WP	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
Num.						1	2	3	4	5	6	7	8	9	10	11	12
WP1: PREPARATION - RESEARCH AND NEEDS ANALYSIS																	
WP1	FOR	FOR	1.1.	Analysis of EU practices and experiences	24			2X	4X	4X	4X	4X	4X	4X		Summer Holiday	
		FHJ	1.2.	5 Study visits to EU partners	5					1=	2=	1=	1=				
		BMU	1.3.	Survey of company needs for DHE in Serbia	24			4X	4X	4X	4X	4X	4X				

All institutions (FOR, FHJ, BMU) accepted their roles as task leaders.

Regarding task 1.1 Dr Zarko Miskovic, UB asked Dr. Natalie Leroy, FOR as activity leader to delegate the tasks regarding analysis of dual higher education in certain countries (from EU and worldwide) to other partners. FOR should prepare the final report regarding analysis by the end of the May 2018. Prof. Dr. Nenad Stanisic asked to include the analysis of legal framework for dual higher education as well, and all partners agreed. Prof. Joannes Haas, FHJ noted that one of the most interesting practices in dual higher education is in Hungary.

It has been decided that the study visits to EU partners would be held in the following months:

- Graz – February 2018
- Lleida – March 2018
- Lille – March 2018
- Lodz – April 2018
- Karlsruhe – May 2018

The final dates of study visits from task 1.2 will be mutually arranged. Partners from Serbia will send the proposal. Based on his previous experience, Prof. Joannes Haas, FHJ proposed that it would be good to bring along representatives from companies to visits. This is feasible for visit to Graz since traveling by bus can be arranged.

For activity 1.3 BMU should provide questionnaire which partners from Serbia will distribute to the companies they collaborate with. These questionnaires will serve as a basis for generation of final report. Dr Nathalie Leroy, FOR will provide an example of questionnaire to BMU.

Action plan for WP 2

The following action plan for WP 2 was proposed:

WP Num.	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP2: DEVELOPMENT - Flexible and generic Dual Higher Education Model (DHEM) for Serbia																	
WP2	BMU	BMU	2.1.	Development of a flexible and generic Dual Higher Education Model for Serbia	24								4X	4X	4X	4X	4X
		BMU	2.2.	Conference on DualEdu added value on industrial sector	2								2X	4X			
		BMU	2.3.	Discussion Forum on the proposed DHEM model with key stakeholders and policy makers	4												2X

and all institutions agreed with it.

Regarding the tasks 2.2 and 2.3 Prof. Dr. Dragan Domazet, BMU proposed to have Conference on DualEdu added value on industrial sector in Nis in June 2018 and Discussion Forum on the proposed DHEM model with key stakeholders and policy makers in Belgrade in September 2018. His proposal was accepted.

Prof. Joannes Hass, FHJ suggested to invite to the Conference on DualEdu added value on industrial sector somebody from industry from another country that has experience in dual higher education, preferably someone who works as industrial mentor. Prof. Dr. Dragan Domazet, BMU raised the issue of the budget for the visit, but all partners agreed to thoroughly consider this suggestion. Prof. Joannes Hass, FHJ proposed to explore the possibility of finding financing from Austrian Chamber of Commerce for this visit.

Proposed action plan for WP 3:

WP Num.	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP3: DEVELOPMENT - Creation of Legal and Other Conditions for Implementation of DHE in Serbia																	
WP3	UKG	MEST	3.1.	Creating amendments to the Law on Higher Education of Serbia	72							4X	4X	4X	4X	4X	4X
		UKG	3.2.	Creating amendments to the Labour Law	72							4X	4X	4X	4X	4X	4X
		UNS	3.3.	Creating amendments to the Accreditation Standards	72							4X	4X	4X	4X	4X	4X
		NCHE	3.4.	Discussion forum on draft proposals of ammendments	8												
		UKG	3.5.	Creating recommendations to HEIs in Serbia how to implement DHE	24												

There was a discussion regarding postponing the start of activities 3.1-3.3, but it was decided to start these activities in the seventh month of the project and to extend them by the month 18 of the project. Prof. Dragan Domazet, BMU proposed to change the task leader of task 3.3 to UNS since colleague from Novi Sad is a member of Accreditation Committee.

All institutions agreed with the proposed action plan for WP 3.

Action plan for WP 4:

WP Num.	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP4: DEVELOPMENT - Pilot testing of the flexible and generic DHEM																	
WP4	VISER	UB	4.1.	Identification and conceptual definition of specific DHEMs	8												4X
		BMU	4.2.	Presenting specific DHEMs to companies and making agreements for participation	8												
		VISER	4.3.	Planning of pilot testing of specific DHEMs	8												
		VISER	4.4.	Development of training materials	48												
		VISER	4.5.	Pilot implementation and testing of specific DHEMs	80												
		UB	4.6.	Purchase of equipment	36							2X	2X	2X	2X	2X	2X
		VISER	4.7.	Analysis of the results of pilot testing	12												

At the proposal of Dr. Zarko Miskovic, it was agreed to change the task leader for task 4.6 – purchase of equipment to UB.

All partners agreed with the proposed action plan.

Ms. Sofija Dukic, NEO, emphasized that it was necessary to link the equipment to the objectives of the project, i.e. to the pilot testing.

Prof. Dr. Dragan Domazet, BMU reminded that it was expected that each HEI from Serbia should run at least one pilot testing.

Action plan for WP 5

WP Number	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP5: QUALITY PLAN - Quality Assurance and Monitoring																	
WP5	FHJ	FHJ	5.1.	Creating quality and evaluation strategy and project quality monitoring	12	4X	4X	4X	4X	4X	=						
		SUNP	5.2.	Preparation of the interim evaluation report	4												
		SUNP	5.3.	Preparation of the final evaluation report	8												

Prof. Joannes Haas, FHJ stated that FHJ would develop questionnaires to ask every partner to state their expectations.

Action plan for WP5 was agreed by all partners.

Action plan for WP 6

WP Number	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP6: DISSEMINATION & EXPLOITATION - Dissemination and Exploitation of Results																	
WP6	UNS	UNS	6.1.	Defining dissemination and exploitation plan	20			4X	4X								
		UNS	6.2.	Preparation of dissemination products	36	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X
		UNS	6.3.	Preparation of the interim dissemination and exploitation report	4												
		UNS	6.4.	Preparation of the final dissemination and exploitation report	8												
		UB	6.5	Final Conference	4												

Prof. Mirko Savic, UNS asked for help from BMU regarding preparation of dissemination products since BMU had Design Department, and Prof. Dragan Domazet, BMU agreed.

All partners agreed with the action plan for WP 6.

Action plan for WP 7

WP	WP Leader	Activity Leader	Del. Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
Num.						1	2	3	4	5	6	7	8	9	10	11	12
WP7: MANAGEMENT - Project Management																	
WP7	UB	UB	7.1.	Overall project management	36	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X
		UB	7.2.	5 Steering Committee meetings	3			1X							1x		
		UB	7.3.	7 Local Committee meetings	4									1X			1X
		UB	7.4.	Monitoring and internal coordination	36												
		UB	7.5.	Preparation of Final report	12												

By the proposal of Prof. Joannes Haas, FHJ and after the discussion, it was agreed to have the second Steering Committee meeting in July 2018 in Kragujevac. Prof. Nenad Stanisic, UNIKG agreed with organizing SC 2, and Prof. Nenad Zrnic offered that UB would organize the transfer from Belgrade to Kragujevac for representatives of EU institutions.

The following meetings will be held in year 1:

- Belgrade SC 1, 11-12/12/2017.
- Kragujevac SC 2, xx/07/2018.
- Nis LC 1, xx/06/2018 along with Conference on DualEdu added value on industrial sector
- Belgrade LC 2, xx/09/2018 along with Discussion Forum on the proposed DHEM model with key stakeholders and policy makers

All partners agreed with the proposed action plan for WP 7.

Ms. Olivera Mijatovic, UNIKG raised the issue if the amounts that partner institutions would receive from the first installment would be enough to cover all travel costs. After thorough

discussion, it was concluded that it would be necessary to carry out the simulation of the costs and incomes for each partner and to find out the best solution with UB management if the problem existed.

Meeting concluded at 13:45.



University of
Belgrade

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP

DualEdu

Implementation of Dual Education in Higher Education of
Serbia

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia
email: nznrc@mas.bg.ac.rs



Faculty of Mechanical
Engineering



FH JOANNEUM
University of Applied Sciences



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Erasmus+ Programme
of the European Union



ATTENDANCE LIST

STEERING COMMITTEE MEETING

ACTION PLAN FOR THE FIRST YEAR OF THE PROJECT REALISATION

contacts: Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193
Dr.-Ing. Žarko Mišković, +381-64-18-32-989

Tuesday, 12 th December 2017, Faculty of Mechanical Engineering, University of Belgrade, Hall 211 (2 nd floor)					
13 ⁰⁰ – 13 ³⁰ h					
No.	Name and Surname	E-mail adress	Phone	Institution	Signature
1.	NENAD ZRNIC	nznrc@mas.bg.ac.rs	+38163 287193	UB-FME	
2.	JORGENSEN HANS	—	—	FH JOANNEUM	
3.	SARAH LEROY	—	—	FORMASUP	
4.	Ferran Badia	fbadia@maec.uilb.ac	—	Univ. of Liège	
5.	Emilio Sampaio	esampaio@spoleczna.pl	+48505253517	SAN	

6.	Dejan Ilic	DEJAN-ILIC@ POWMIO.COM	063/74-99-069	PowMio	
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8.	JANA STEVANOVIĆ	jana.stevanovic@ni-cad.org	062/240258	NICAT	Stevanovic
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10.	DRAGAN DOBILAZER	dragan.dobilazer@up.ac.rs		BALI	
11.	KATARINA OBRADOVIC	katarina.obradovic@up.ac.rs		BPU	Key
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13.	DRAGAN MILIC	dragan.milic@up.ac.rs		UMI K6	
14.	GORAN DIKIĆ	goran.dikic@up.ac.rs	064/299068	VISER	Lina
15.					
16.					
17.					
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19.					
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Second Steering Committee meeting –
Kragujevac, July 2018th

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP



University of
Belgrade



Implementation of Dual Education in Higher Education of Serbia

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia

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Faculty of Mechanical
Engineering



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AGENDA

SECOND STEERING COMMITTEE MEETING OF THE PROJECT

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

4-5 July 2018

University of Kragujevac, Faculty of Economics, Djure Pucara Starog 3, 34000 Kragujevac, Serbia

contacts:

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

Prof. Dr Nenad Stanišić, +381-64-662-6676, nstanisic@kg.ac.rs

DAY I

Wednesday, 4 th July 2018, University of Kragujevac, Faculty of Economics, Hall E5 (ground floor)		
12 ³⁰ – 13 ⁰⁰ h	Registration of participants	
Part I		
Opening and welcome speeches		
13 ⁰⁰ – 13 ²⁰ h	Welcome speeches	- Representative of the of the University of Kragujevac, t.b.d - Prof. dr Nenad Stanisic, Local coordinator
13 ²⁰ – 14 ⁰⁰ h	Report on the project realization	Prof. Dr.-Ing. Nenad Zrnić Project coordinator
14 ⁰⁰ – 15 ⁰⁰ h	Lunch	
Part II		
Presentations of the WP deliverables, activities and action plans for next six-months period		
15 ⁰⁰ – 15 ³⁰ h	WP 1: Research and Needs Analysis D1.1 Review of EU and worldwide best practices and experiences in DHE (FORMASUP) D1.2 Transfer of knowledge and skills from programme countries institutions to Serbian HEIs (UBG) D1.3 Report on review of needs and recommendations regarding DHE (BMU)	Representative of FORMASUP - WP1 and Act1.1. leader, Representative of UBG – Act1.2 leader Representative of BMU – Act1.3 leader
15 ³⁰ – 16 ⁰⁰ h	WP 2: Flexible and generic Dual Higher Education Model (DHEM) for Serbia D2.1 Flexible and generic Dual Higher Education Model (DHEM) for Serbia (BMU) D2.2 Conference on DualEdu added value on industrial sector (BMU)	Representative of the Belgrade Metropolitan University
16 ⁰⁰ – 16 ³⁰ h	WP 3: Creation of Legal and Other Conditions for Implementation of DHE in Serbia D3.1 Amendments to the Law on Higher Education and law on Dual Education of Serbia (WG1) D3.2 Amendments to the Labour Low (WG2) D3.3 Amendments to the Accreditation Standards (WG3)	Prof. dr Nenad Stanišić, University of Kragujevac Prof. dr Vesna Mandić, University of Kragujevac
16 ³⁰ – 17 ³⁰ h	Discussion	ALL

DAY II

Thursday, 5 th July 2018, University of Kragujevac, Faculty of Economics, Hall E5 (ground floor)		
Part I		
Presentations of the WP deliverables, activities and action plans for next six-months period		
9 ³⁰ – 10 ⁰⁰ h	WP 4: Pilot testing of the flexible and generic DHEM D4.6 Equipment (UBG, VISER)	Representative of the University of Belgrade (Coordinator) Representative of the School of Electrical and Computer Engineering of Applied Studies (WP leader)
10 ⁰⁰ – 10 ³⁰ h	WP 5: Quality plan D5.1 Quality and evaluation strategy (FHJ)	Representative of the FH Joanneum Gesellschaft M.B.H. (WP and Activity leader)
10 ³⁰ – 11 ⁰⁰ h	<i>Coffee break</i>	
11 ⁰⁰ – 11 ³⁰ h	WP 6: Dissemination and Exploitation D6.1 Dissemination and exploitation plan (UNS) D6.2 Dissemination products (UNS)	Representative of the University of Novi Sad (and optional Activity leaders participated in activities of WP6)
11 ³⁰ – 12 ⁰⁰ h	WP 7: Management. D7.1 Overall project management (UBG) D7.3 Local Committee meeting Nis (UBG)	Representative of the University of Belgrade (WP and Activity leader, Coordinator)
12 ⁰⁰ – 13 ³⁰ h	<i>Discussion, conclusions and closing of the steering committee meeting</i>	
13 ³⁰ – 14 ³⁰ h	<i>Lunch</i>	



STEERING COMMITTEE MEETING

Report on overall project realisation

Prof. Ph.D. Nenad Zrnić

Doc. Ph.D. Žarko Mišković

Kragujevac, July 4th 2018.



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University of Applied Sciences



04/07/2018

1



Project management – **CURRENT STATE 04.07.2018.**

ACTION PLAN ANALYSIS PLANNED/ACHIEVED – BY WORK PACKAGES



2

 DualEdu
04/07/2018

 DualEdu
04/07/2018



Work Plan for the year 1 WP 6-7 - **ACTIVE**

WP Num.	WP Leader	Activity Leader	Del. / Act. Ref. N°	Activities (as indicated in the LFM)	Total duration	O	N	D	J	F	M	A	M	J	J	A	S
						1	2	3	4	5	6	7	8	9	10	11	12
WP6: DISSEMINATION & EXPLOITATION - Dissemination and Exploitation of Results																	
WP6	UNS	UNS	6.1.	Defining dissemination and exploitation plan	20				4X	4X							
		UNS	6.2.	Preparation of dissemination products	36	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X	1X
		UNS	6.3.	Preparation of the interim dissemination and exploitation report	4												
		UNS	6.4.	Preparation of the final dissemination and exploitation report	8												
		UB	6.5	Final Conference	4												
WP7: MANAGEMENT - Project Management																	
WP7	UB	UB	7.1.	Overall project management	36												
		UB	7.2.	5 Steering Committee meetings	3			1X								1x	
		UB	7.3.	7 Local Committee meetings	4										1X		1x
		UB	7.4.	Monitoring and internal coordination	36												
		UB	7.5.	Preparation of Final report	12												



Project realisation by Work Packages – **WP1** – Lead partner: **FORMASUP** (Nathalie Leroy)

PLANNED

- 1.1 Analysis of EU and worldwide practices and experiences in the DHE;
15.12.2017. – 31.05.2018.
 - At least **10** programmes in DHE in different industrial sectors will be analysed.
- 1.2 Study visits to EU partners;
01.02.2018. – 31.05.2018.
 - 2 day study visits to **5** programme countries institutions (**mistake in the project application – 4 programme countries**)
- 1.3 Survey of companies needs for DHE in Serbia
15.12.2017. – 31.05.2018.
 - Each Serbian partner will analyse the needs of at least **10** representative companies from chosen industrial sector.
- DELIVERABLES:
 - Review of EU and worldwide best practices and experiences in DHE – Report
 - Transfer of knowledge and skills from programme countries institutions to Serbian HEIs - Report
 - Report on review of needs and recommendations regarding DHE - Report



Project realisation by Work Packages – **WP1** –

Lead partner: **FORMASUP** (Nathalie Leroy)

ACHIEVED

- The draft version of **Report 1.1** is prepared (more than **40 pages**) – WP1.1;
- Dual education systems of **more than 10 EU countries** are analysed in details (according to the Project application we were obliged to analyse **at least 10 countries**) – all **partners should check the Report** and **contribute to its improvement**;
- We need someone to **help with the translation** of the Report – **suggestion**?
- All **planned study visits** to **EU partner countries** are **finished** according to the plan (**France, Spain, Austria, Poland**) – WP1.2;
- **Documentation** about all realised study visits is **fully prepared** (agendas, attendance lists, ppt presentations, photos etc.);
- **Four separate Reports** are prepared with details about **each study visit**;
- **Report 1.2** which unites the experiences from all study visits is **also written** – all **partners from Serbia** should **check the Report** and **contribute to its improvement**;
- **Questionnaires** about the experiences from study visits are **prepared** (within WP5 – Quality) and **they will be used to finalise the Report 1.1 and 1.2**;
- Questionnaires are sent by FHJ to all partners which participated in the study visits – so far, **only one institution (VISER)** sent **filled-in questionnaires** to the FHJ and UB – **deadline for this activity is postponed till July 13th**



Project realisation by Work Packages – **WP1** –

Lead partner: **FORMASUP** (Nathalie Leroy)

ACHIEVED

- The **questionnaire about company needs** for DHE in Serbia is also prepared – it will be used to **finish the Report 1.3** – WP1.3;
- During the **DualEdu conference** held in Niš on June 15th the **questionnaires were distributed** to different Serbian companies for the first time (this was the **first public contact** between companies from Serbia and project consortium);
- So far, **more than 20 filled-in questionnaires** are gathered – every partner from Serbia should distribute the questionnaires to **at least 10 different companies** and **send scanned filled-in questionnaires** to the BMU and UB till August 15th 2018!

All mentioned documents (Reports, Questionnaires etc.) should be uploaded and publicly accessible at the DualEdu project website – after consideration by all project partners! This should be done as soon as possible!

**Project realisation by Work Packages – WP1 –
Lead partner: FORMASUP (Nathalie Leroy)**

SPPLA 2002D Q19 2017 2 JS DP14L Q19 Q19
 REPRESENTATION OF QUAL EDUCATION IN-HOUSE EDUCATION OF ISBBA

Downloaded by the
 University of Cambridge
 on 04/06/17

Questionnaire for quality management

Name: _____ Organization: _____

Did the current organization (e.g., venue, hotel, meals, time management) of the visit meet your expectations?

Clearly/Yes ☐ Clearly/No ☐ Somewhat ☐

Comments: _____

Did the company visits meet your expectations?

Clearly/Yes ☐ Clearly/No ☐ Somewhat ☐

Comments: _____

Did the know-how transfer at FRIKSHAMMEU meet your expectations?

Clearly/Yes ☐ Clearly/No ☐ Somewhat ☐

Comments: _____

Do you make any decisions regarding your own project participation because of your experiences in ISBBA?

Clearly/Yes ☐ Clearly/No ☐ Somewhat ☐

Comments / Examples: _____



**Project realisation by Work Packages – WP2 –
Lead partner: BMU (Dragan Domazet)**

PLANNED

- 2.1 Development of a flexible and generic Dual Higher Education Model for Serbia;
01.04.2018. – 30.09.2018.
- 2.2 Organization of Conference on DualEdu added value to industrial sector
15.05.2018. – 30.06.2018.
- 2.3 Discussion Forum on the proposed DHEM model with key stakeholders and policy makers
15.08.2018. – 30.09.2018.
- DELIVERABLES:
 - Flexible and generic Dual Higher Education Model (DHEM) for Serbia – Report
 - Conference on DualEdu added value on industrial sector – Event - Nis
 - Discussion Forum on the proposed DHEM model with key stakeholders and policy makers – Event – Belgrade

**Project realisation by Work Packages – WP2 –
Lead partner: BMU (Dragan Domazet)**

ACHIEVED

- The development of a flexible and generic Dual Higher Education Model for Serbia is in progress – WP2.1;
- Some of the results of the activity 2.1 are already presented in the BMU Power point presentation – which will be available on the DualEdu project website;
- The conference about dual education in Serbia is organised and successfully realised in Niš on June 15th 2018 – WP2.2
- Belgrade Discussion Forum on the proposed DHEM model with key stakeholders and policy makers is planned for September 2018 (WP2.3) - exact date?

**Project realisation by Work Packages – WP2 –
Lead partner: BMU (Dragan Domazet)**



"DUALNO OBRAZOVANJE U VISOKOM OBRAZOVANJU" – petak 17. juna 2016.
godine sa početkom od 11 h na Univerzitetu Metropolita i Nika (Bulevar Vojnog Cara
Konstantina IV-a), kosa iz Vam dati odeljenje na nju potpisati.

Članak "Koncepti i razvojni projekti: Implementacija dualne edukacije u visokom obrazovanju – Dualify" (organizovano konferencijom pod nazivom „DUALNO OBRAZOVANJE U VISOKOM OBRAZOVANJU“) sačinjen je od strane kompanije opremljene za pružanje usluga na tržištu obrazovanja i nauke.

*Zanimljivo mi učestvovati je kroz pisanje diskusije u o kvira konferenciji moći da dala svoje
sugestije i predložiti na implementaciju inicijativnog programa*

Oportunidades innovadoras próximas de generarse.

- Prof. dr. Radišević Miroslav, dekan Medicinskog fakulteta Univerziteta u Beogradu
- Prof. dr. Džigan Džaniro, rektor i predsednik Univerziteta Mercurius
- Džigalbeg, Hagen Helge Hochelass: JIH JOANNELM, Genc, Austrija
- Dr. Ing. Džigan Bc, jedan od osnivača i CEO kompanije NovaMio, Karlsruhe, Nemačka
- Rado Školarac, direktor kompanije Phonon Optima
- **Prof. dr. AGENTIN** (redakcija)

DOŠĆE JE BESPLATNO

Medline.org zaumersevanje učenika da registruje izveštaje

* DualEdU (Implementation of Dual Education in Higher Education of Serbia) je Erasmus+ projekat koji ima za cilj ispoljavanje dualnog obrazovanja u visokom obrazovnom sistemu Srbije. Konkretno primenjuje dva Minorsa: u pravnom, medicinskom i tehničkom obrazovanju. Sačinjavaju svest o visokom obrazovanju, Univerziteti u Beogradu, Kragujevcu, Novom Sadu i Nišu, on Page i Univerzitet Metropoliten u Beogradu, Visoka škola elektrotehnike i računarstva – Beograd kao i NiC (Niš) i NiS (Niš).

OM starost pismena silemici projekta na: T.H. Institutu Gwethach ad M.H.H. FORMASUP
University of Leeds, Spolecna Akademia Nask, Poznań



* This project has been funded with support from the European Commission. The publication (communication) reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



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Project realisation by Work Packages – **WP4** – Lead partner: **VISER** (Goran Dikić)

PLANNED

- 4.1 Identification and conceptual definition of specific DHEMs;
01.09.2018. – 31.11.2018.
- 4.4 Purchase of equipment;
15.04.2018. – 14.06.2019.



Project realisation by Work Packages – **WP4** – Lead partner: **VISER** (Goran Dikić)

ACHIEVED

- New equipment lists are defined (the replacements are suggested by all Serbian partners) – WP4.6;
- The note is prepared for the DualEdu project officer in Brussels (UB standardised form);
- The Rectorate of the University of Belgrade is notified about the new equipment requests – we are still waiting for their permission for further actions;
- Next steps in equipment procurement: definition of equipment detailed technical specifications (according to the EC rules), preparation of the tendering documentation...;

According to the suggestion from the BMU, the tendering procedure (public opening and receiving of the bids) should start no latter than September 1st – in order to get the optimal offers regarding to the equipment price and quality



Project realisation by Work Packages – **WP5** – Lead partner: **FHJ** (Maja Dragan)

PLANNED

- 5.1. Creating quality and evaluation strategy and project quality monitoring
15.12.2017. – 15.03.2018.
- DELIVERABLES:
 - Quality and evaluation strategy - Report



Project realisation by Work Packages – **WP5** – Lead partner: **FHJ** (Maja Dragan)

ACHIEVED

- The draft version of the Quality plan (manual) is finally finished – more than 40 pages – WP5.1;
- All partners should check the Quality plan and contribute to its improvement (especially UKG – they are the most experienced in this area of the project realisation);
- The quality plan should be formatted according to the relevant DualEdu template and complemented with the other projects' templates (presentations, agendas, attendance lists etc.) – which are already available at the DualEdu project website (**URGENT!**);
- The final version of the Quality plan should be uploaded to the DualEdu project website as soon as possible – deadline: July 20th 2018!



Project realisation by Work Packages – **WP5** – Lead partner: **FHJ** (Maja Dragan)



Quality Control and Monitoring Manual QCM

Project Acronym:	DualEdu
Project full title:	DualEdu- Implementation of Dual Education in Higher Education of Serbia
Project No:	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP
Funding Scheme:	ERASMUS+ Capacity-Building in the field of Higher Education
Coordinator:	UB – UNIVERSITY OF BELGRADE
Project dates:	15.10.2017 – 14.10.2020
Project duration:	36 months

Abstract:	The manual outlines the main definitions related to quality management. It then defines processes for planning and executing the project activities in order to ensure the highest possible quality. The manual sets the minimum principles, requirements and processes needed to implement an effective quality assurance and control. It also provides templates to be used.
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04/07/2018



17



Project realisation by Work Packages – **WP6** – Lead partner: **UNS** (Mirko Savić)

PLANNED

- 6.1. Defining dissemination and exploitation plan
15.12.2017. – 15.02.2018.
- 6.2. Preparation of dissemination products
15.12.2017. – 30.09.2020.
- DELIVERABLES:
 - Dissemination and exploitation plan – Report 15.02.2018.
 - Website 15.02.2018.
 - Facebook profile 15.02.2018.
 - LinkedIn profile 15.02.2018.



04/07/2018



18



Project realisation by Work Packages – **WP6** – Lead partner: **UNS** (Mirko Savić)

ACHIEVED

- Dissemination plan is finished and already available on the DualEdu project website – WP6.1;
- DualEdu project website is developed and successfully started (also, its regularly updated with the news on the project realisation!) – WP6.2;
- The Trello platform is activated – all partners are invited and asked to regularly upload the relevant documents – WP6.2;
- The list of the DualEdu project documentation which will be publicly available on the project website and Trello platform is made and the upload is currently in progress (next slide);
- Draft versions of the roll up banners are developed – the best variant will be selected according to the results of the Steering Committee members voting;
- Websites of DualEdu consortium members are provided with the link to the DualEdu project website!



Project realisation by Work Packages – **WP6** – Lead partner: **UNS** (Mirko Savić)

List of the documents which will be available on the DualEdu project website and Trello platform

Activity/document	Agenda	Report	Presentations	Photos	Attendance list (Trello only!)
Belgrade, Kick-off	X	X	X	X	X
Lille	X	X	X	X	X
Lleida	X	X	X	X	X
Graz	X	X	X	X	X
Lodz	X	X	X	X	X
Nis (Local Committee meeting)	X	X	X	X	X
Nis (Conference)	X	-	X	X	X
Belgrade (Preventive monitoring)	-	X	X	X	X
Kragujevac (Steering committee)					
Seminar Metropolitan					
Report 1.1		X			
Report 1.2		X + 4 reports for every study visit separately			
Report 1.3		In progress			
Report 2.1		In progress			
Quality plan		X			
Dissemination plan		X			



Project realisation by Work Packages – **WP6** – Lead partner: **UNS** (Mirko Savić)

Further activities?

- The **DualEdu** logo on all presentations, documents and templates (where applicable) **should be replaced** with the logo provided by the BMU on June 20th 2018 ('+Erasmus' should read 'Erasmus+' as **suggested by the National Erasmus office during the Preventive monitoring visit**);
- The **agendas for all study visits should be formatted according to the DualEdu project template**;
- The **presentations' filenames should be renamed** – in order to represent their contents;
- The **news on the project realisation should be regularly updated!**

Designated institution – UNS?



Project realisation by Work Packages – **WP6** – Lead partner: **UNS** (Mirko Savić)





Project realisation by Work Packages – **WP7** – Lead partner: **UB** (Nenad Zrnić)

PLANNED

- **2** Steering Committee meetings
- **2** Local Committee meetings
- **DELIVERABLES:**
 - 2 Steering Committee meetings, Belgrade, Kragujevac
 - 2 Local Committee meetings, Belgrade, Nis



Project realisation by Work Packages – **WP7** – Lead partner: **UB** (Nenad Zrnić)

ACHIEVED

- **2 Local Committee meetings** are successfully finished during the **Kick off meeting** in Belgrade (December 2017th) and in **Niš** on July 14th 2018) – WP7.3;
- **Documentation** from the **Local Committee meetings** is **fully prepared** (agendas, attendance lists, ppt presentations, photos etc.) – currently, **its' being uploaded to the DualEdu project website and Trello platform**;
- **1 Steering Committee meeting** is successfully held within the **Kick off meeting** – the **ongoing Steering Committee meeting is second** – WP7.2;
- **Documentation** from the **first Steering Committee meeting** is **fully prepared** (agendas, attendance lists, ppt presentations, photos etc.) – at the moment, **its' also being uploaded to the DualEdu project website and Trello platform**;
- According to the action plan, **the next Local Committee meeting is planned for September 2018**, and it will be held at the BMU Belgrade.



Project realisation by Work Packages – **WP7** – Lead partner: **UB** (Nenad Zrnić)

ACHIEVED

- Preventive monitoring visit by national Erasmus office was successfully held in Belgrade, on June 19th 2018 – WP7.4
- There were no objections on the DualEdu project realisation in the previous period,
- The comprehensive Report on the project realisation (in the form of Excel table) was presented to the representatives of the national Erasmus office – again, without objections,
- Very important and useful advices regarding to the project implementation in the next period were received from the representatives of the national Erasmus office – they will be implemented as soon as possible!



Project management – **CURRENT STATE 04.07.2018.**

ACTION PLAN MODIFICATION FOR THE NEXT PERIOD OF THE PROJECT REALISATION



Suggestions for the modification of the current **ACTION PLAN**

- In order to **achieve the best possible results** in the realisation of the **Activity 2.1** (Development of a flexible and generic Dual Higher Education Model for Serbia) as well as to be able to **write relevant and comprehensive Report in time**, the **BMU** suggested that the **realization of the Activity 2.1 should be extended for at least one or two months**;
- Any **more suggestions**?

VOTING...



Discussion?

All presented aspects of the project realisation will be analysed in details in the following sessions...

THANK YOU FOR
YOUR ATTENTION!



Parole: **ON THE ROAD TO SUCCESS, THERE ARE NO SHORTCUTS**



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SECOND STEERING COMMITTEE MEETING OF THE PROJECT

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

MINUTES OF THE MEETING

contacts:

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

Dr.-Ing. Žarko Mišković, +381-64-18-32-989

Project acronym:	DUALEDU
Project full title:	Implementation of Dual Education in Higher Education of Serbia
Project No:	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP (2017-2962/001-001)
Funding scheme:	ERASMUS+
Project start date:	October 15, 2017
Project duration:	36 months

Abstract	This report represents the minutes of the Second Steering Committee meeting
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Title of document:	Second DualEdu steering committee meeting – Minutes of the meeting
Work package:	WP 7: Management
Activity:	7.2. Steering Committees Meetings
Last version date:	15/07/2018
File name:	SC_2_MoM.pdf
Number of pages:	7
Dissemination level:	Consortium

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision description	Partner responsible
v.1.0	15/07/2018	Creation of the first draft	UKG (Nenad Stanisic)

DISCLAIMER

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Activity Date: 04-05/07/2018

Organizer: University of Kragujevac

Location: Faculty of Economics, University of Kragujevac, Kragujevac, Serbia

Present: 20 participants from partner organizations

Report:

The meeting was opened at 13:00 on Wednesday, July 04, 2018 by Prof. dr Nenad Stanisic, project local coordinator, UKG. The venue of the meeting was at the Room E5 at University of Kragujevac – Faculty of Economics. Prof. dr Nenad Stanisic opened the meeting, welcomed participants and introduced them with meeting agenda.

Prof. dr Petar Veselinovic, dean of the Faculty of Economics University of Kragujevac, and Olivera Mijatovic, Head of the Department for International Cooperation of the University of Kragujevac welcomed participants.

After welcome speeches, Prof. Dr. –Ing. Nenad Zrnica, UB, started the presentation of the Report on the overall project realization, prepared by Doc. Dr Zarko Miskovic and himself. He introduced the participants with planned and realized activities on the project, as well as with the action plan for the further activities.

After the Lunch Break, representatives of the leading partners of the WP1, WP2, and WP3 introduced the SC members with realized, as well as planned, activities on the project.

WP1 Research and Needs Analysis

Presenter: as representative of FORMASUP, leading partner of the WP1, was not present at the SC meeting, Prof. dr Nenad Zrnica, project coordinator, introduced the meeting with the activities of this WP

Realized activities:

- The draft version of Report 1.1 is prepared – WP1.1. Dual education systems of more than 10 EU countries are analyzed in details;
- All planned study visits to EU partner countries are finished according to the plan (France, Spain, Austria, Poland) – WP1.2;
- Documentation about all realized study visits is fully prepared (agendas, attendance lists, ppt presentations, photos etc.);
- Four separate Reports are prepared with details about each study visit;

- Report 1.2 which unites the experiences from all study visits is written;
- Questionnaires about the experiences from study visits are prepared (within WP5 – Quality) and they will be used to finalize the Report 1.1 and 1.2;
- Questionnaires are sent by FHJ to all partners which participated in the study visits;
- The questionnaire about company needs for DHE in Serbia is also prepared – it will be used to finish the Report 1.3 – WP1.3;
- During the DualEdu conference held in Niš on June 15th the questionnaires were distributed to different Serbian companies for the first time (this was the first public contact between companies from Serbia and project consortium);
- So far, more than 20 filled-in questionnaires are gathered – every partner from Serbia should distribute the questionnaires to at least 10 different companies and send scanned filled-in questionnaires to the BMU and UB till August 15th 2018.

Regarding further activities within WP1, it was decided that BMU should translate the Report into Serbian language.

WP2 Flexible and generic Dual Higher Education Model (DHEM) for Serbia

Presenter: prof. dr Dragan Domazet, representative of the BMU, leading partner of WP

Realized activities:

- The development of a flexible and generic Dual Higher Education Model for Serbia is in progress – WP2.1; Some of the results of the activity 2.1 are already presented and available on the DualEdu project website;
- The conference about dual education in Serbia is organized and successfully realized in Niš on June 15th 2018 – WP2.2

In order to achieve the best possible results in the realization of the Activity 2.1 (Development of a flexible and generic Dual Higher Education Model for Serbia) as well as to be able to write relevant and comprehensive Report in time, the BMU suggested that the realization of the Activity 2.1 should be extended. Members of SC voted the extension of the Activities 2.1. and 2.3:

- New deadline for the development of a flexible and generic Dual Higher Education Model for Serbia (2.1) is October, 15th;
- New deadline for Belgrade Discussion Forum on the proposed DHEM model with key stakeholders and policy makers (2.3) is October, 30th.

WP3 Creation of Legal and Other Conditions for Implementation of DHE in Serbia

Presenters: prof. dr Nenad Stanisic and prof. dr Vesna Mandic, representatives of the UKG, leading partner of the WP3

The first activities of the WP3 are planned to start in September 2018.

Prof. dr Nenad Stanisic presented the WP3 activities:

- Act.3.1 - Creating amendments to the Law on Dual Education and Law on Higher Education of Serbia

- Act3.2 - Creating amendments to the Labour Law
- Act3.3 - Creating amendments to the Accreditation Standards
- Act3.4 - Discussion forum on draft proposals of amendments

Members of the SC supported the proposal of prof. dr Dragan Domazet to include the amendments on the Taxation Law within the Act.3.2.

Prof. dr Vesna Mandić presented the preparatory activities and the methodology of the work that will be used by three working groups that should prepare the propositions of the amendments:

- WG1 - Creating amendments to the Law on Dual Education and Law on Higher Education of Serbia
- WG2 - Creating amendments to the Labour Law and Taxation Law
- WG3 - Creating amendments to the Accreditation Standards

Members of the SC supported the proposed principles and methodology of the work.

The leaders of the three WGs were voted:

WG1 - Prof. Dr. Vesna Mandić, University of Kragujevac

WG2 - Prof. Dr. Miladin Kostić, State University of Novi Pazar

WG3 - Prof. Dr. Mirko Savić, University of Novi Sad.

Members of the SC voted for the members of the WGs and the draft of the Decisions of the WGs were prepared. The proposed WGs should be accompanied with the representatives of: the Ministry of Education, Science and Technological Development of the Republic of Serbia; Ministry of Labour, Employment, Veterans' Affairs and Social Affairs; and Ministry of Finance. Prof. dr Nenad Zrnic, project coordinator should contact these institutions, in order to finalize the list of groups' members.

The Rector of the Belgrade University, as the legal representative of the coordinating institution, should make the decision on WGs, not later than August, 31st.

The work of the Day 1 of the Steering Committee meeting ended at 17,30. The meeting was continued on Thursday, July 5th at 9,30, with the presentation of realized, as well as planned, activities of WP4, WP5, WP6, and WP7.

WP4: Pilot testing of the flexible and generic DHEM

Presenter: prof. dr Nenad Zrnic, project coordinator

Realized activities:

- New equipment lists are defined (the replacements are suggested by all Serbian partners) – WP4.6;
- The note is prepared for the DualEdu project officer in Brussels (UB standardized form);
- The Rectorate of the University of Belgrade is notified about the new equipment requests;

According to the suggestion from the BMU, the tendering procedure (public opening and receiving of the bids) should start no later than September 1st – in order to get the optimal offers regarding to the equipment price and quality.

WP5: Quality plan

Presenter: Maja Dragan, representative of FORMASUP, the leading partner institution of WP5,

Realized activities:

- The draft version of the Quality plan (manual) is finished - WP5.1;

All partners should check the Quality plan and contribute to its improvement;

The final version of the Quality plan should be uploaded to the DualEdu project website as soon as possible.

WP6: Dissemination and Exploitation

Presenter: Kristina Mijic, representative of UNS, the leading partner institution of the WP6

Realized activities:

- Dissemination plan is finished and already available on the DualEdu project website – WP6.1;
- DualEdu project website is developed and successfully started (also, it's regularly updated with the news on the project realization!) – WP6.2;
- The Trello platform is activated – all partners are invited and asked to regularly upload the relevant documents – WP6.2;
- The list of the DualEdu project documentation which will be publicly available on the project website and Trello platform is made and the upload is currently in progress;
- Draft versions of the roll up banners are developed;
- Websites of DualEdu consortium members are provided with the link to the DualEdu project website.

Based on proposed draft versions of the roll up banners, members of the SC voted the official variant.

WP7: Management

Presenters: prof. dr Nenad Zrnica, project coordinator, and Zarko Miskovic, UB

Realized activities:

- 2 Local Committee meetings are successfully finished: during the Kick off meeting in Belgrade (December 2017th) and in Niš on July 14th 2018) – WP7.3;
- Documentation from the Local Committee meetings is fully prepared (agendas, attendance lists, ppt presentations, photos etc.);
- Preventive monitoring visit by national Erasmus office was successfully held in Belgrade,

on June 19th 2018 – WP7.4. There were no objections on the DualEdu project realization in the previous period,

- The comprehensive Report on the project realization (in the form of Excel table) was presented to the representatives of the national Erasmus office – again, without objections,
- Very important and useful advices regarding to the project implementation in the next period were received from the representatives of the national Erasmus office.

Prof. Dr Nenad Zrnic informed the SC members about the meeting he had with the representatives of THE Ministry for Education, Science and Technological Development of the republic of Serbia. His impression from the meeting is that Ministry gave very high priority to Dual Higher Education (DHE).

Representatives of the UNS informed the SC members that they will apply for additional funds for co-financing of the Project to Provincial Government of the Autonomous province of Vojvodina.

After the discussion and concluding remarks from prof. dr Nenad Zrnic, project coordinator, and prof. dr Nenad Stanisic, local coordinator, the second Steering Committee meeting finished at 12,30

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University of
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Implementation of Dual Education in Higher Education of
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STEERING COMMITTEE MEETING
University of Kragujevac, Faculty of Economics

ATTENDANCE LIST

Day I 4 July 2018

	Name and Surname	Institution	Signature
1	Агенасија Бјаревић	Научноистраживачки центар за квалитет и иновације	
2	DRAGAN DONAZER	BMU	
3	Катерина Срећковић	BMU	
4	Ferran Badia	University of Lleida	

5	KATARZYNA CZERNA-KOTYNIA	SAN (Poland)	Gregg
6	KRISTINA Mijić	UNS	Gregg
7	BOJAN MATKOUSKI	UNS	Gregg
8	Dejan Ilić	PowMio	Gregg
9	Senad Ganić	SUNP	Gregg
10	JANA STEVANOVIĆ	NICAT	JStevanović
11	JOVEU LUGIJA	NICAT	JLugi
12	GORAN Dikić	KISER	Goran Dikić
13	NENAD ZANIĆ	US PME	Nenad Zanić
14	ŽARKO MUKOB-ET	MP Jr	Žarko MUKOB-ET
15	VESNA MANDIĆ	UKG	Vesna MANDIĆ
16	Nenod Stanić	UKG	Nenod Stanić
17	MILADIN KOSTIĆ	SUNP	Miladin KOSTIĆ
18	ALEKSANDAR GOLUBO	UNS	Aleksandar GOLUBO
19	MAJA DRAGAN	TH JOANNEUN	Maja DRAGAN
20	OLIVERA MIRONOVIC	UNIKG	O. Mironovic
21			
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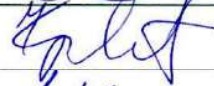
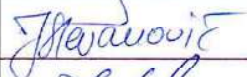
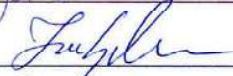
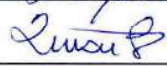
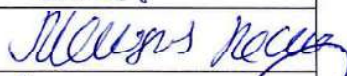
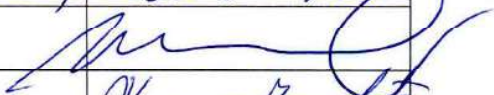
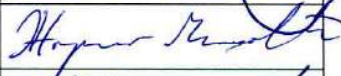
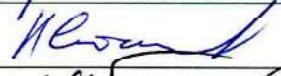
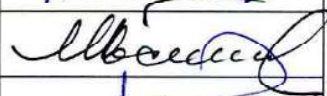
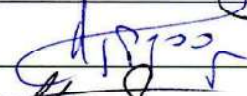
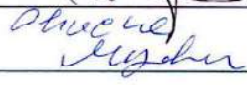


STEERING COMMITTEE MEETING
University of Kragujevac, Faculty of Economics

ATTENDANCE LIST

Day II 5 July 2018

	Name and Surname	Institution	Signature
1	Aleksandra Bjavren	Haymondson Cabero de Sousa Ojeda	Alexavren
2	DRAGAN DONAZER	BAU	
3	Monika Cvetković	BAU	
4	Ferran Bodia	University of Lleida	

5	KATARZYNA CZERNY-KOTYŃIA	SAN (Poland)	
6	KRISTINA Mijić	UNS	
7	BOJAN MATKOVSKI	UNS	
8	Senad Granić	SUNP	
9	JANA STEVANOVIĆ	NICAT	
10	Jovica GUBIJA	NICAT	
11	Goran Dikić	VRŠER	
12	MAHMET BECHA	YKP (UKG)	
13	Kenan Zrnica	USPMF	
14	ЖАРКО МАНКОВИЋ	МФБР	
15	Nenad Stanišić	UKG	
16	MILADIN KOSTIĆ	SUNP	
17	ALEKSANDAR GRUBOŠ	UNS	
18	Dejan Ilić	POWMIO	
19	KARA DRAGAN	TH JOANNEUM	
20	OLIVERA MICHAYLOV	UNITG	
21			
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Third Steering Committee meeting –
Novi Sad, June 2019th

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP



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Implementation of Dual Education in Higher Education of Serbia

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AGENDA

LOCAL AND STEERING COMMITTEE MEETING

University of Novi Sad, Dr Zorana Đinđića 1, 21101 Novi Sad, Serbia

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

contacts:

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

Dr.-Ing. Žarko Mišković, +381-64-18-32-989

DAY I

18.06.2019. University of Novi Sad, Dr Zorana Đinđića 1, 21101 Novi Sad, Serbia		
Part I		
Local Committee Meeting – representatives of the SERBIAN partners		
11 ⁰⁰ – 12 ⁰⁰ h	Registration of the participants and Welcome speech	Local Committee members Prof. Dr.-Ing. Radivoje Mitrović Prof. Dr Mirko Savić
12 ⁰⁰ – 12 ³⁰ h	Project Management at the local level – analysis of planned/achieved results	Asst. Prof. Dr.-Ing. Žarko Mišković
12 ³⁰ – 13 ⁰⁰ h	Coffee break	All present participants
13 ³⁰ – 14 ⁰⁰ h	Project Management at the local level – planning of the local level activities for the next period of the project realisation	Prof. Dr.-Ing. Radivoje Mitrović Asst. Prof. Dr.-Ing. Žarko Mišković
Part II		
Administrative management of the DUAL EDU Project – representatives of ALL partners		
14 ⁰⁰ – 14 ¹⁵ h	Registration of the participants	Representatives of all partners
14 ¹⁵ – 15 ⁰⁰ h	Lunch break	All present participants
15 ⁰⁰ – 16 ³⁰ h	Presentation of the administrative management of the project – changes in the documentation, templates for the reporting to the coordinator etc.	Asst. Prof. Dr.-Ing. Žarko Mišković
16 ³⁰ – 17 ⁰⁰ h	Coffee break	All present participants
17 ⁰⁰ – 18 ⁰⁰ h	Discussion on the administrative management of the project – changes in the documentation, templates for the reporting to the coordinator etc.	All present participants
18 ⁰⁰ – 19 ³⁰ h	Free time	
19 ³⁰ h	<i>Dinner</i>	

DAY II

19.06.2019. University of Novi Sad, Dr Zorana Đinđića 1, 21101 Novi Sad, Serbia		
Part I		
Steering Committee Meeting – representatives of ALL partners		
9 ³⁰ – 10 ⁰⁰ h	Project Management at the overall project level – analysis of planned/achieved results	Prof. Dr.-Ing. Nenad Zrnić Asst. Prof. Dr.-Ing. Žarko Mišković
10 ⁰⁰ – 10 ³⁰ h	Definition of the new Work plan for the next period of the project realisation	Prof. Dr.-Ing. Nenad Zrnić
10 ³⁰ – 10 ⁴⁵ h	Coffee break	All present participants
10 ⁴⁵ – 11 ⁰⁰ h	Analysis of the financial aspects of the project – budget effectiveness	Asst. Prof. Dr.-Ing. Žarko Mišković
11 ⁰⁰ – 11 ¹⁵ h	Analysis of the Interim Report	Prof. Dr.-Ing. Nenad Zrnić Asst. Prof. Dr.-Ing. Žarko Mišković
11 ¹⁵ – 14 ³⁰ h	WP1 Analysis, WP2 Analysis, WP3 and WP4 Analysis, WP5 Analysis, WP6 Analysis, WP7 Analysis	Nathalie Leroy Prof. Dr.-Ing. Nenad Zrnić Prof. Dr.-Ing. Dragan Domazet Prof. Dr.-Ing. Vesna Mandić Prof. Dr.-Ing. Vera Petrović Asst. Prof. Dr.-Ing. Žarko Mišković Prof. Dr.-Ing. Johanes Haas (or Mag. Maja Dragan) Prof. Dr. Mirko Savić
14 ³⁰ – 15 ³⁰ h	Lunch	
15 ³⁰ h	Departure of participants	



STEERING COMMITTEE MEETING

Sastanak steering komiteta

Prof. Dr.-Ing. Nenad Zrnić

Dr.-Ing. Žarko Mišković



FH JOANNEUM
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1



Project management – status on 18th of June 2019

- Transfer of the first installment to partners – finished, except to Ministry and National Council in line with signed Partnership Agreement
- Transfer of installment for equipment costs – funds for relaunched procurement transferred to RS universities partners, except to VIŠER – 90%
- Report on technical implementation submitted – no negative comments till now!
- Financial Statement with request for 2nd pre-financing submitted together with Technical Report
- EACEA transferred to University of Belgrade 2nd pre-financing – new project exchange rate sent to partners via e-mail 10 days ago!
- 1st part of second pre-financing (2nd instalment) will be transferred to all partners which spent more than 70 % of first instalment.
- All partners need to sent filled, signed and stamped Annex V – Request for payment (for beneficiaries) – SUNP already sent Annex V
- Referencing of the ITRs remains: Home Institution Acronym - Host Institution Acronym - Travel start date - number of participant (e.g. UB-UDL- 17.04.2018-1)
- Please find referencing methodology in **QUALITY MANUAL**



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2



Project management – status on 18th of June 2019

First Instalment – transferred!

Partner No.	Name of Partner	Country	Merged		EQ	FIRST INSTALMENT
			1st instalment of first pre-financing	2nd instalment of first pre-financing		
1	BG	RS	21.738,85	9.316,65	50.138,00	81.193,50
2	UNS	RS	8.971,20	3.844,80	48.050,00	60.866,00
3	DUNP	RS	7.813,75	3.348,75	48.050,00	59.212,50
4	UKG	RS	9.558,15	4.096,35	48.050,00	61.704,50
5	BMU	RS	5.225,50	2.239,50	61.625,00	69.090,00
6	VISER	RS	5.439,70	2.331,30	41.780,00	49.551,00
7	NCHE	RS	8.477,70	3.633,30	0,00	12.111,00
8	MPNTR	RS	9.992,50	4.282,50	0,00	14.275,00
9	NICAT cluster Niš	RS	8.505,00	3.645,00	0,00	12.150,00
10	JGS - FH Joanneum	Austria	12.490,10	5.352,90	0,00	17.843,00
11	FORMASUP	France	11.551,75	4.950,75	0,00	16.502,50
12	Un. Leida	Spain	9.947,00	4.263,00	0,00	14.210,00
13	SAN - Spoleczna Ak.Nauk	Poland	8.002,75	3.429,75	0,00	11.432,50
14	POW - PowMio	Germany	11.209,45	4.804,05	0,00	16.013,50
			117.184,55	50.221,95	297.693,00	465.099,50



Project management – status on 18th of June 2019

First instalment – spent and declared!

Partner No.	Name of Partner	Country	P&PA	DISTRIBUTION OF THE GRANT BY ORGANISATION (in EUR)					Total Costs (in EUR)
				1. Staff Costs	2. Travel Costs	3. Costs of Stay	4. Equipment Costs	5. Subcontracting Costs	
P1	The University of Belgrade	Serbia	Partner Countries	18.923,00	1.465,00	1.160,00	30.241,31	—	95.639,31
P2	FH Joanneum - Fachhochschule für Angewandte Technik	Austria	Programme Countries	11.720,00	730,00	1.080,00	—	—	17.830,00
P3	FORMASUP	France	Programme Countries	8.550,00	275,00	300,00	—	—	16.165,00
P4	University of Leida	Spain	Programme Countries	11.400,00	660,00	940,00	—	—	19.750,00
P5	Spoleczna Akademia Nauk	Poland	Programme Countries	2.620,00	660,00	730,00	—	—	5.750,00
P6	PowMio	Germany	Programme Countries	11.792,00	1.300,00	1.000,00	—	—	16.392,00
P7	Belgrade Metropolitan University	Serbia	Partner Countries	—	3.320,00	3.480,00	61.587,83	658,81	72.045,64
P8	University of Novi Sad	Serbia	Partner Countries	—	4.250,00	3.700,00	—	25,47	16.275,47
P9	University of Kragujevac	Serbia	Partner Countries	—	3.685,00	6.040,00	47.379,84	—	60.054,84
P10	Wroclaw University of Science and Technology	Poland	Partner Countries	—	3.815,00	3.900,00	47.030,75	—	60.614,75
P11	JGS	Serbia	Partner Countries	—	3.210,00	3.340,00	62.666,17	—	72.196,17
P12	Ministry of Education, Science and Technological Development	Serbia	Partner Countries	—	—	—	—	—	—
P13	National Council for Higher Education	Serbia	Partner Countries	—	—	—	—	—	—
P14	WCE	Serbia	Partner Countries	2.271,00	3.365,00	4.800,00	—	—	16.376,00



Project management – status on 18th of June 2019

Second instalment (first part of 2nd pre-financing) – by PA?

Partner No.	Name of Partner	Country	1st instalment of second pre-financing	2nd instalment of second pre-financing
1	BG	RS	32.477,40	32.477,40
2	UNS	RS	24.346,40	24.346,40
3	DUNP	RS	23.685,00	23.685,00
4	UKG	RS	24.681,80	24.681,80
5	BMU	RS	27.636,00	27.636,00
6	VISER	RS	19.820,40	19.820,40
7	NCHE	RS	4.844,40	4.844,40
8	MPNTR	RS	5.710,00	5.710,00
9	NiCAT cluster Niš	RS	4.860,00	4.860,00
10	JGS - FH Joanneum	Austria	7.137,20	7.137,20
11	FORMASUP	France	6.601,00	6.601,00
12	Un. Leida	Spain	5.684,00	5.684,00
13	SAN - Spoleczna Ak.Nauk	Poland	4.573,00	4.573,00
14	POW - PowMio	Germany	6.405,40	6.405,40
			165.984,60	165.984,60



Project management – status on 18th of June 2019

New project exchange rate:
1 EUR = 117.9678 RSD
May 2019



Project management – status on 18th of June 2019



Erasmus+

Cooperation for innovation and the exchange of
good practices sub-programme

TECHNICAL REPORT form

Programme	Erasmus+
Sub-Programme	Cooperation for innovation and the exchange of good practices
Action	Cooperation for innovation and the exchange of good practices
Sub-Action	Cooperation for innovation and the exchange of good practices
Call for Proposal	Erasmus+ KA2 CBHE-SP
Project number	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP
Agreement/contract number	33375061
Project Title	Implementation of Dual Education in Higher Education of Serbia
Language used to complete the form	English

Report on Technical
implementation of the
project (Interim Report) sent
to Brussel (EACEA) on
14th of April 2019
and forwarded to all partners!



Project management – status on 18th of June 2019

XX.Y-ZZ.MM.YYYY

Institution Acronym – Researcher/Manager/Technician/Administrator – Sequential
number of the document in the same month (different for each staff member who
received the payment) – Month/Year

Example:

UB-R-01-11.2018

If different person from University of Belgrade (UB) received the payment as a
Researcher in the same month his Joint Declaration Ref. No. would be: UB-R-02-
11.2018

If different person University of Belgrade (UB) received the payment as a
Technician in the same month his Joint Declaration Ref. No. would be: UB-T-01-
11.2018

TIMESHEET Reference Number:

XX.Y-ZZ.MM.YYYY

Institution Acronym – Researcher/Manager/Technician/Administrator – Sequential
number of the document in the same month (different for each staff member who
received the payment) – Month/Year

Example: UB-R-01-11.2018

(Corresponds to JOINT DECLARATION)

JOINT DECLARATION

Project No. 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP

Declaration of the beneficiary of the project (University of Belgrade) and the partner (FH JOANNEUM)

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The activities in WPI were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing (this, sequentially caused the delay of all related activities). Nevertheless, all activities are carried out during the first eight months of the project duration with higher number of key performance indicators than planned by the project proposal. The only discrepancy from original work plan is the **visit to POWMIO company** (Germany) which was, in agreement with Project Officer postponed to WP 4 and the second year of project duration. The same goes for one more study visit (FORMASUP, France) which needs to be organized in order to achieve the indicator of project progress (6 study visits) stated in the Logical Framework Matrix of the Project application



WP2 - *Flexible and generic Dual Higher Education Model (DHEM) for Serbia*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
2.1	Development of a flexible and generic Dual Higher Education Model for Serbia	The document: Flexible and generic Dual Higher Education Model (DHEM) for Serbia that summarizes the needs and requirements of different stakeholders in DHE (companies, HEIs, students) is generated. This document presents a basis for generation of specific DHE programmes.	1 Flexible and generic Dual Higher Education Model (DHEM) for Serbia is developed (DEV 2.1) and published on the DualEdu project website: https://dualedu.ef.uns.ac.rs/index.php/project/dissemination-and-exploitation
2.2	Conference on DualEdu added value on industrial sector	The Conference on dual education added value on industrial sector is held in Niš, with involvement of representatives of partner countries and representatives of companies from industrial sector. Due to experience from programme countries and needs of domestic industrial sector, it shows the benefits of DualEdu on industrial sector with emphasis on improvement of competencies of DHE students.	1 Conference on DualEdu added value on industrial sector is realized, in Niš, Serbia, June 2018 ¹⁰ . The conference was attended from 21 representatives of the companies, 8 representatives of the students and 24 persons from partners institutions. 3 Attendance lists, 1 detailed Report (DEV 2.2), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/14-nis-conference-14-06-15-06-2018 Photos from the conference are available at the gallery: https://dualedu.ef.uns.ac.rs/index.php/other/photo-gallery
2.3	Discussion Forum on the proposed DHEM model with key stakeholders and policy makers	Discussion Forum on the proposed DHEM model is held in Belgrade and it gave an opportunity to consortium obtain public opinions and ideas of key stakeholders and policy makers regarding flexible and generic DHEM. Different viewpoints on the subject.	1 Discussion Forum on the proposed DHEM model is realized, in Belgrade, Serbia, December 2018 ¹⁰ . The conference was attended by 14 participants from Serbian project team and 27 key stakeholders' and policy makers' representatives. 1 Attendance list, 1 Minutes of the meeting, 1 detailed Report (DEV 2.3), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/19-discussion-forum-in-belgrade18-12-2018 Photos from the Forum are available at the gallery: https://dualedu.ef.uns.ac.rs/index.php/other/photo-gallery



WP2 - *Flexible and generic Dual Higher Education Model (DHEM) for Serbia – next steps?*

The activities in WP2 were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing. Nevertheless, **all activities are carried out during the first half** of the project implementation so they will not affect the successful realization of the activities planned for the second half.



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
3.1.	Creating amendments to the Law on Dual Education and Law on Higher Education of Serbia	The workgroup for Serbian Law on dual education modification is formed and the new draft version of the Law on dual model of studies in higher education is generated.	1 official workgroup (team) for Serbian Law on Dual education in HE modification is formed. 1 Draft version of the proposed amendments is prepared and submitted to the authorities (and prepared for voting in National Assembly). At the project website, the both documents are available: https://dualedu.ef.uns.ac.rs/index.php/project/dissemination-and-exploitation
3.2.	Creating amendments to the Labour Law	The workgroup for Serbian Labour Law modification is formed. Due to the changes in Serbian government policy, instead of making amendments to the Labour Law, the amendments dealing with the labour issues are integrated in the proposed draft of Serbian Law on Dual education in HE (Activity 3.1)	1 official workgroup (team) for Serbian Labour Law modification is formed and available at the DualEdu project website (DEV. 3.2): https://dualedu.ef.uns.ac.rs/index.php/project/dissemination-and-exploitation
3.3.	Creating amendments to the Accreditation Standards	The workgroup for Serbian HEI Accreditation standards modification is formed. Due to the changes in Serbian government policy, instead of making amendments to the HEI Accreditation standards, the amendments dealing with the quality of higher education are integrated in the proposed draft of Serbian Law on Dual education in HE (Activity 3.1)	1 official workgroup (team) for Serbian Labour Law modification is formed and available at the DualEdu project website (DEV. 3.3): https://dualedu.ef.uns.ac.rs/index.php/project/dissemination-and-exploitation MIRKO SAVIĆ



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
3.4.	Discussion forum on draft proposals of amendments	15/10/2019	14/11/2019	At one of the participating organisations from Serbia	Organisation of the Discussion Forum on draft proposals of amendments	Discussion forum on draft proposals of amendments
3.5.	Recommendations to HEIs in Serbia on how to implement DHE	15/04/2019	14/10/2020	At all participating organizations	Research, preparation and writing of the Recommendations to HEIs in Serbia on how to implement DHE. This document will synthesize the findings of pilot tests of the specific DHEs and provide recommendations and guidelines to all Serbian HEIs for implementation of DHE	The Recommendations to HEIs in Serbia on how to implement DHE are published on project web site



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia – next steps?*

Study visits plan for 2019:

1. **Mobility: during June** (in line with availability and transfer of 2nd pre-financing from EACEA) – Local Committee and Steering Committee in **Novi Sad** – **ALL PARTNERS**;
2. **Mobility: during September** – study visit to Germany (Karlsruhe) – **RS PARTNERS ONLY**;
3. **Mobility: during October** – **Local Committee in Kragujevac** – **RS PARTNERS ONLY**;
4. **Mobility: during December** – Local Committee and Steering Committee in **Novi Pazar** – **ALL PARTNERS**.



WP4 - *Pilot testing of the flexible and generic DHEM*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
4.1.	Identification and conceptual definition of specific DHEMs	At least 6 documents for 6 specific DHEMs (at least one per participating HEI) is being developed. The documents will describe the concepts of specific DHEMs and will represent a basis for presentation of specific DHEMs to companies.	Each of Serbian HEI partner has partially specified its specific DHEM for pilot testing.
4.6.	Purchase of equipment	A large part (over 65%) of equipment for pilot testing is purchased and installed at the Serbian HEIs	1 Tendering procedure for equipment procurement was started in October 2018 th . Out of 22 Equipment Lots (in total), only five didn't receive any offers (rest of them are to date delivered and installed in 5 Serbian HEIs) – so procurement procedure is already successfully finished for 15 Equipment Lots.

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WP5 - *Quality Assurance and Monitoring*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
5.1.	Creating quality and evaluation strategy and project quality monitoring	The quality and evaluation plan which includes project processes, policies, goals and Management Quality Manual is created. Quality Manual include chapters related to preventive and corrective measures of the project, hierarchy of responsibilities, communication flows and decision making, PR strategy and communication with external parties.	1 Quality and evaluation strategy is developed and published in the 1 document titled 'Quality Control and Monitoring Manual' which is constantly being improved. It is also published on the DualEdu project web site: https://dualedu.ef.uns.ac.rs/index.php/project/quality-and-control
5.2.	Preparation of the interim evaluation report	Interim evaluation report which contains the results of the implementation of the DualEdu project, project key performance indicator evaluation and project goal success rate evaluation is developed.	1 Interim Evaluation Report

WP5 - *Quality Assurance and Monitoring – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
5.1	Creating quality and evaluation strategy and project quality monitoring	15/10/2017	14/10/2020	At all participating organizations	Continuous project quality monitoring	0 unnecessary delays, 0 of the project goals unfulfilled
5.2.	Preparation of the interim evaluation report	15/02/2019	14/04/2019	University of Belgrade	Interim evaluation report which contains the results of the implementation of the DualEdu project, project key performance indicator evaluation and project goal success rate evaluation will be uploaded to the project website.	1 Interim Evaluation Report uploaded to the DualEdu project website
5.3	Preparation of the final evaluation report	15/07/2020	14/10/2020	University of Belgrade	Final evaluation report will be quality assurance report as executive summary of quality assurance throughout the whole project.	1 Final Evaluation Report is prepared and published on the project web site

WP6 - Dissemination and Exploitation of Results

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
6.1	Defining dissemination and exploitation plan	Definition and preparation of the dissemination plan. This document starts with the plan of visual identity of project (logo, site, motto) and then contains strategy on dissemination which predominantly describes all dissemination activities (conference, printing promotion material...), along with time table and allocation of responsibilities within the involved partners	1 Dissemination and Exploitation Plan is prepared and published on the DualEdu project web site: https://dualedu.ef.uns.ac.rs/images/fajlovi/Deliverable-6.1-Dissemination-and-Exploitation-plan-v-3.1.pdf
6.2	Preparation of dissemination products	Visual identity of the project is created: Project logo, project web site, project motto. Afterwards, all partners organize dissemination events in their own contexts in order to raise public awareness of the DualEdu issues.	The following dissemination products are developed and constantly used by consortium: 1 logo, 1 Roll-up banner, 1 project website, 1 Trello platform. DualEdu dissemination products are available at the: https://dualedu.ef.uns.ac.rs/index.php/download/category/5-visual-identity The project is presented to the public in at least 5 occasions (conferences, forums etc.), 1 TV interview and 3 publications. More at: https://dualedu.ef.uns.ac.rs/index.php/events-and-activities?limitstart=0

WP6 – Lead partner: UNS (Mirko Savić)


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Implementation of Dual Education in Higher Education of Serbia / DualEdu



Welcome to official site of Erasmus+ project, entitled *Implementation of Dual Education in Higher Education of Serbia / DualEdu*. ENCE SR0036 EP-1 2017 / 12 EP/HO2 CBHE-SP. This project has been funded with support from European commission, within Erasmus+ programme.



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



Implementation of Dual Education in Higher Education of Serbia

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


EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP
IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

WP6 - Dissemination and Exploitation of Results – next steps?

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
6.2	Preparation of dissemination products	15/10/2017	14/10/2020	At all participating organizations	Visual identity of the project was created in initial phase: Project logo, project web site, project motto. Afterwards, all partners organize dissemination events in their own contexts in order to raise public awareness of the DualEdu issues.	Dissemination products are printed and presented to the public, in as many as occasions as possible, and appropriate news shown at the DualEdu project website: https://dualedu.ef.uns.ac.rs/index.php/events-and-activities?limitstart=0
6.3	Preparation of the interim dissemination and exploitation report	15/04/2019	14/07/2019	University of Novi Sad	Reports on interim dissemination and exploitation as steady activity throughout project duration. All partners organize dissemination events in their own contexts which follow the project goals.	IDER published on the project Web site
6.4	Preparation of the final dissemination and exploitation report	15/07/2020	14/10/2020	University of Novi Sad	This report will summarize the interim reports with reached achievements of dissemination due to project goals.	FDER published on the project web site
6.5	Final Conference	15/08/2020	14/10/2020	University of Belgrade	Organizing a final conference with the aim of demonstrating the overarching achievements of the project and the complexity of project work having been carried out, with a special emphasis on the main aim of the project i.e. the setting up DHE programs in Serbia.	Proceedings from the Final Conference published on the project web site















19/06/2019
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Co-funded by the Erasmus+ Programme of the European Union		EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA	
Analysis of the Project Implementation by Working Packages – WP6 – Lead partner: UNS (Mirko Savić)			
Next steps? - Regularly updating news on the project web-site (please inform colleagues from NS about provided activities) - Publishing all the documents (reports drafted till now, dissemination plan and quality plan, etc.) on the project web-site - Updating the Reporting template			
DualEdu 19/06/2019		FH JOANNEUM University of Applied Sciences	
		26	



WP7 - *Project management*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
7.1	Overall project management	Efficient overall project management.	6 Reports on overall project management prepared and published at the Project Trello platform (DEV 7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, 7.1.6 and 7.1.7) https://trello.com/c/90QTh9X/20-71-overall-project-management 1 successful monitoring visit by the national Erasmus office of Serbia, presented at the: https://dualedu.ef.uns.ac.rs/index.php/download/category/16-belgrade-monitoring-visit-19-06-2018
7.2	5 Steering Committee meetings	Preparation and organisation of the successful Steering Committee meetings	2 Steering Committee meetings are held. First one in Belgrade, December 2017 th – during the kick off meeting, and the second one – in Kragujevac, July 2018 th . 2 detailed Reports, Attendance lists, presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/7-kickoff-meeting-11-12-2017 https://dualedu.ef.uns.ac.rs/index.php/download/category/17-kragujevac-meeting-04-07-05-07-2018
7.3	Local Committee meetings	Preparation and organisation of the successful Local Committee meetings	2 Local Committee meetings are held. First one in Belgrade, December 2017 th – during the kick off meeting, and the second one – in Niš, June 2018 th . https://dualedu.ef.uns.ac.rs/index.php/download/category/15-local-committee-meeting-in-nis-14-06-2018
7.4	Monitoring and interim report	Preparation of the Interim Report	1 Interim Technical Report prepared and uploaded to the EC website



WP7 - *Project management – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
7.1	Overall project management	15/10/2017	14/10/2020	At all participating organizations	Efficient overall project management.	6 new Reports on overall project management
7.2	5 Steering Committee meetings	15/10/2017	14/10/2020	At different participating organizations from Serbia	Preparation and organisation of the successful Steering Committee meetings	3 Steering Committee meetings
7.3	7 Local Committee meetings	15/11/2017	14/10/2020	At different participating organizations from Serbia	Preparation and organisation of the successful Local Committee meetings	5 Local Committee meetings
7.5	Preparation of final report	15/09/2017	14/10/2020	University of Belgrade	Preparation of Final Report.	1 Final Project Report prepared and delivered to the EC Commission



Discussion?

THANK YOU FOR
YOUR ATTENTION!



*Parole: ON THE ROAD TO SUCCESS, THERE ARE
NO SHORTCUTS*



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THIRD STEERING COMMITTEE MEETING OF THE PROJECT

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

MINUTES OF THE MEETING

contacts:

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

Dr.-Ing. Žarko Mišković, +381-64-18-32-989

Project acronym:	DUALEDU
Project full title:	Implementation of Dual Education in Higher Education of Serbia
Project No:	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP (2017-2962/001-001)
Funding scheme:	ERASMUS+
Project start date:	October 15, 2017
Project duration:	36 months

Abstract	This report represents the minutes of the Third Steering Committee meeting
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Title of document:	Third DualEdu steering committee meeting – Minutes of the meeting
Work package:	WP 7: Management
Activity:	7.2. Steering Committees Meetings
Last version date:	24/06/2019
File name:	SCM#3_MoM 2019-06-19 UNS.pdf
Number of pages:	6
Dissemination level:	Consortium

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision description	Partner responsible
v.1.0	24/06/2016	Creation of the first draft	UB (Aleksandar Jović)

DISCLAIMER

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Activity Date: 19/06/2019

Organizer: University of Novi Sad

Location: Rectorate of the University of Novi Sad, Dr Zorana Đinđića 1, 21000 Novi Sad, Serbia

Present: 24 participants from partner organizations

Report:

The meeting was opened at 09:30 on Wednesday, June 19, 2019 by Prof. dr Mirko Savić, project local coordinator, UNS. The venue of the meeting was at the Multimedia room II-13 at the Rectorate of the University of Novi Sad. Prof. dr Mirko Savic opened the meeting and welcomed participants. Prof. Dr. – Ing. Nenad Zrnic, project coordinator welcomed participants and introduced them with meeting agenda.

After welcome speeches, Prof. Dr. – Ing. Nenad Zrnic, UB, started the presentation of the Report on the overall project realization, prepared by Doc. Dr Zarko Miskovic and himself. He introduced the participants with planned and realized activities on the project, as well as with the action plan for the further activities. Prof. Zrnic presented new Work plan for the next period of the project realization. After discussion Steering Committee adopted proposed new Work Plan with small change in WP7 where plan remains unchanged except regarding to the dates of the meetings and additional change: instead to have meeting in Novi Pazar in December 2019 and in Niš in spring 2020, new plan is to have meeting in Niš in December 2019 and then in Novi Pazar in spring 2020.

After the Coffee Break, Doc. Dr Zarko Miskovic, UB, presented Analysis of the financial aspects of the project with following important milestones:

- Transfer of the first installment to partners – finished, except to Ministry and National Council in line with signed Partnership Agreement
- Transfer of installment for equipment costs – funds for relaunched procurement transferred to RS universities partners, except to VIŠER – 90%
- Financial Statement with request for 2nd pre-financing submitted together with Technical Report
- EACEA transferred to University of Belgrade 2nd pre-financing – new project exchange rate sent to partners via e-mail 10 days ago
- New project exchange rate is 1 EUR = 117.9678 RSD from 1st of May 2019
- 1st part of second pre-financing (2nd instalment) will be transferred to all partners which spent more than 70 % of first instalment.
- All partners need to send filled, signed and stamped Annex V – Request for payment (for beneficiaries) – SUNP already sent Annex V

- Referencing of the ITRs remains: Home Institution Acronym - Host Institution Acronym - Travel start date - number of participant (e.g. UB-UDL- 17.04.2018-1). Please find referencing methodology in QUALITY MANUAL.

Prof. Dr. – Ing. Nenad Zrnic and Doc. Dr Zarko Miskovic, UB, presented Analysis of the Interim Report. They informed partner institutions that Report on Technical implementation of the project (Interim Report) have been sent to Brussel (EACEA) on 14th of April 2019 and forwarded to all partners and that it has been well received by EACEA. Also, he pointed out that the only discrepancy from original work plan for WP1 is the visit to POWMIO company (Germany) which was, in agreement with Project Officer postponed to WP 4 and the second year of project duration and that the same goes for one more study visit (FORMASUP, France) which needs to be organized in order to achieve the indicator of project progress (6 study visits) stated in the Logical Framework Matrix of the Project application. He reminded that the activities in WP2 were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing, but all activities were carried out during the first half of the project implementation so they will not affect the successful realization of the activities planned for the second half.

Representatives of the leading partners of the Working Packages introduced the SC members with realized, as well as planned, activities on the project.

WP1 Research and Needs Analysis

Presenter: as representative of FORMASUP, leading partner of the WP1, was not present at the SC meeting, Prof. dr Nenad Zrnic, project coordinator, introduced the meeting with the activities of this WP. He informed the consortium that all planned activities had been finished, except the visit to POWMIO company (Germany) which was postponed to WP 4 and the second year of project duration.

WP2 Flexible and generic Dual Higher Education Model (DHEM) for Serbia

Presenter: prof. dr Dragan Domazet, representative of the BMU, leading partner of WP2, concluded that all planned activities had been realized during the first half of the project implementation so they will not affect the successful realization of the activities planned for the second half, even that the activities in WP2 were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing.

WP3 Creation of Legal and Other Conditions for Implementation of DHE in Serbia

Presenters: prof. dr Vesna Mandic, representative of the UKG, leading partner of the WP3, reminded the consortium that three working groups that should prepare the propositions of the amendments have been established in October 2018:

- WG1 - Creating amendments to the Law on Dual Education and Law on Higher Education of Serbia

- WG2 - Creating amendments to the Labour Law and Taxation Law
- WG3 - Creating amendments to the Accreditation Standards

The first activity of the WP3 is finished. Draft version of the proposed amendments to the Law on Dual Education is prepared and submitted to the authorities (and prepared for voting in National Assembly). At the project website, the both documents are available. Creating amendments to the Labour Law and to the Accreditation Standards (Activities 3.2 and 3.3) should be finished before October 15th, 2019. Prof. dr. Marko Savić, UNS, president of the WG3 presented draft version of the new standard on dual education models in higher education that should be part of the Accreditation Standards for study programmes in Serbia. Till the end of the project Activities 3.4. Discussion forum on draft proposals of amendments and 3.5. Recommendations to HEIs in Serbia on how to implement DHE need to be finished.

WP4: Pilot testing of the flexible and generic DHEM

Presenter: prof. dr. Nenad Zrnic, project coordinator, and prof. dr. Vera Petrović, representative of the VISER, the leading partner institution of WP6, presented that realized activities:

- New equipment had been purchased for all Serbian academic partners – WP4.6;

Realization of the other activities in this WP depend on adoption of the Law on Dual Education Models in Higher Education in the National Assembly of the Republic of Serbia and following bylaws.

WP5: Quality plan

Presenter: Maja Dragan, representative of FORMASUP, the leading partner institution of WP5,

Realized activities:

- Quality Control and Monitoring Manual QCM is adopted and continually improved - WP5.1;
- Interim evaluation report uploaded to the DualEdu project website – WP5.2.

All partners should check the Quality plan and contribute to its improvement. Next task is preparation of the final evaluation report – WP5.3.

WP6: Dissemination and Exploitation

Presenter: Prof. Dr. Mirko Savić, representative of UNS, the leading partner institution of the WP6

Realized activities:

- Dissemination plan is finished and available on the DualEdu project website – WP6.1;
- Dissemination products are printed and presented to the public, in as many as occasions as possible, and appropriate news shown at the DualEdu project website, DualEdu project website is developed, The Trello platform is activated, DualEdu roll up banner is printed – WP6.2;

- The interim dissemination and exploitation report (IDER) published on the project Web site – WP6.3;
- The final dissemination and exploitation report (FDER) published on the project Web site – WP6.4;

Activity WP6.5 – Final Conference need to be organized in 2020. Also, pending activities are:

- Regularly updating news on the project website (please inform colleagues from NS about provided activities)
- Publishing all the documents (reports drafted till now, dissemination plan and quality plan, etc.) on the project website
- Updating the Reporting template

WP7: Management

Presenters: prof. dr Nenad Zrnic, project coordinator, and Zarko Miskovic, UB, presented realized activities:

- 6 Reports on overall project management prepared and published at the Project Trello platform and 1 successful monitoring visit by the national Erasmus office of Serbia – WP7.1;
- 3 Steering Committee meetings are held. First one in Belgrade, December 2017th – during the kick-off meeting, the second one – in Kragujevac, July 2018th, and the third one – in Novi Sad today – WP7.2;
- 3 Local Committee meetings are successfully finished: during the Kick off meeting in Belgrade (December 2017th), in Niš (July 14th, 2018) and in Novi Sad yesterday (June 18th, 2019) – WP7.3;
- Interim Technical Report prepared and uploaded to the EC website on April 14th, 2019 – WP7.4;

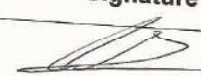
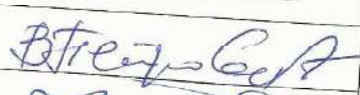
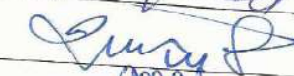
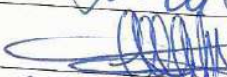
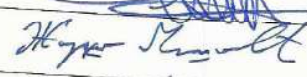
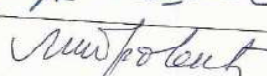
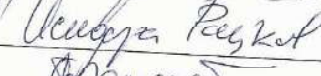
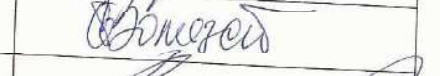
Activities planned till the end of project are:

- 6 new Reports on overall project management to prepare
- 2 more Steering Committee meetings to organize
- 4 more Local Committee meetings to organize
- Final Project Report to prepare and deliver to the EC Commission

After the discussion and concluding remarks from prof. dr Nenad Zrnic, project coordinator, and prof. dr Mirko Savić, local coordinator, the third Steering Committee meeting finished at 14,30.



Meeting:	LOCAL AND STEERING COMMITTEE MEETING
Date:	18.6.2019.
Location:	University of Novi Sad, Dr Zorana Đinđića 1, 21101 Novi Sad, Serbia
Organized by:	University of Novi Sad

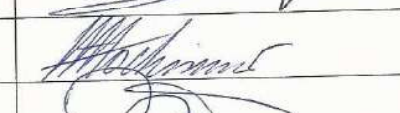
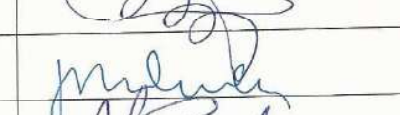
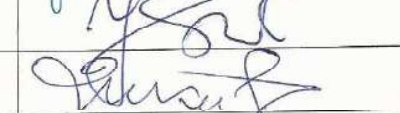
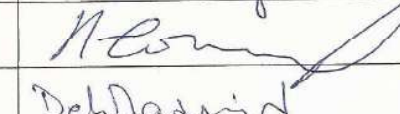
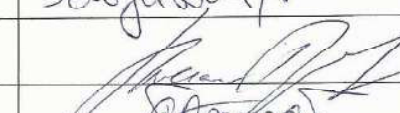
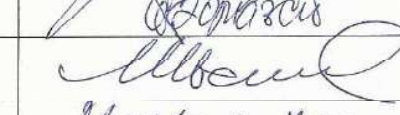
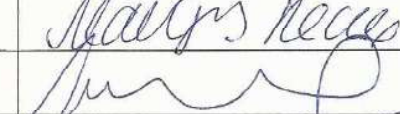
Name	Organization	Signature
Mirko Savić	UNS	
VEBA PETROVIĆ	UISER	
GORAN DIKIĆ	UISER	
JOSEP LUIS LERIDA	UNIVERSITY OF LLEIDA	
ЖЕЛКО МУНКОБУЋ	MF BG	
RADIVOJE MITROVIĆ	MF BG	
Nenad Stanić	UKG	
Bojana Trehinjac	BMU	
Isidora Pačkov	BMU	
Bojana Lončarić	BMU	
Aleksandra Grujić	UISER	
Dragan Đončarić	BMU	
Qurban M. Memović	NI CAT	
Serhad Granić	SUNP	



Meeting:	LOCAL AND STEERING COMMITTEE MEETING
Date:	18.6.2019.
Location:	University of Novi Sad, Dr Zorana Đinđića 1, 21101 Novi Sad, Serbia
Organized by:	University of Novi Sad

Name	Organization	Signature
Jasmin Delimešić	SUNP	Delmešić
Dejan Ilić	PowMio	Ilić
KRISTINA MIJIĆ	UNS	Kristina Mijić
ACCASHIDAE Jovic	UIS	Jovic
VESNA MANDIĆ	UKG	Mandić
MILADIN KOSTIĆ	SCNIP	Kostić
MAJA DRAGAN	TH JOHANNES, Graz, AT	Dragan
Hagen Hochrinner	" " "	Hagen Hochrinner
Manma Sraneris	SAN	Manma Sraneris
Hanna Penkalla	SAN	Hanna Penkalla

Meeting:	LOCAL AND STEERING COMMITTEE MEETING
Date:	19.6.2019.
Location:	University of Novi Sad, Dr Zorana Đinđića 1, 21101 Novi Sad, Serbia
Organized by:	University of Novi Sad

Name	Organization	Signature
DRAGAN DOMAZET	BMU	
Mirko Savić	UNS	
Hergen H. Hochbrunn	FH Joanneum	
Maja Trojan	FH Joanneum	
Hanna Penhelle	SAN	
Joanna Szarek	SAN	
Goran Dikić	VISER	
Nenad Stanić	UKG	
Jasmin Delimetic	SUNP	
Aleksandra Grujić	VISER	
ROJANA DOMAZET	BMU	
MILADIN KOSTIĆ	SUNP	
VEŠNA MANDIĆ	UKG	
NEŠAD ŽDNIĆ	UKG	

Meeting:	LOCAL AND STEERING COMMITTEE MEETING
Date:	19.6.2019.
Location:	University of Novi Sad, Dr Zorana Đinđića 1, 21101 Novi Sad, Serbia
Organized by:	University of Novi Sad

Name	Organization	Signature
Aleksandra Jovic	UN	
VERA PETROVIC	VISER	
Isidora Petrovic	BMU	
Bojana Tzebiyjac	BMU	
DRAPKO MILINKOVICH	MP Br	
JOSEP LLUIS CERIDA	UDL	
Adnan Muratovic	NI CAT	
Senad Genić	SUNP	
STANISLAV ZEBIC	EK FAK SUB	
Dejan Ilić	PowMio	

Forth Steering Committee meeting –
Niš, March 2020th



University of
Belgrade



**Implementation of Dual Education in Higher Education of
Serbia**

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia

email: nznrc@mas.bg.ac.rs



Faculty of Mechanical
Engineering



FH JOANNEUM
University of Applied Sciences



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AGENDA

LOCAL AND STEERING COMMITTEE MEETING

NICAT cluster, Bulevar Svetog cara Konstantina Rd 80-86, Niš, Serbia

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

contacts:

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

Dr.-Ing. Žarko Mišković, +381-64-18-32-989

DAY I

03.03.2020. NICAT cluster, Bulevar Svetog cara Konstantina Rd 80-86, Niš, Serbia		
Part I		
Local Committee Meeting - representatives of the SERBIAN partners		
12 ⁰⁰ – 12 ³⁰ h	Registration of the participants	Local Committee members
12 ³⁰ – 13 ⁰⁰ h	Welcome speech	Prof. dr. Nenad Zrnić
13 ⁰⁰ – 13 ³⁰ h	Project Management at the local level – analysis of planned/achieved results	Asst. Prof. dr. Žarko Mišković
13 ³⁰ – 14 ⁰⁰ h	Coffee break	All present participants
14 ⁰⁰ – 14 ³⁰ h	Project Management at the local level – planning of the local level activities for the next period of the project realisation	Prof. dr. Nenad Zrnić Asst. Prof. dr. Žarko Mišković Asst. Prof. dr. Aleksandar Jović
14 ³⁰ – 15 ³⁰ h	Lunch break	All present participants
Part II		
Steering Committee Meeting - Administrative management of the DUAL EDU Project – representatives of ALL partners		
15 ³⁰ – 16 ⁰⁰ h	Registration of the participants	Representatives of all partners
16 ⁰⁰ – 16 ³⁰ h	Presentation of the administrative management of the project – changes in the documentation, templates for the reporting to the coordinator etc.	Asst. Prof. dr. Žarko Mišković Asst. Prof. dr. Aleksandar Jović
16 ³⁰ – 17 ⁰⁰ h	Coffee break	All present participants
17 ⁰⁰ – 18 ⁰⁰ h	Discussion on the local administrative management of the project – changes in the documentation, templates for the reporting to the coordinator etc.	All present participants
18 ⁰⁰ – 19 ³⁰ h	Free time	
19 ³⁰ h	Dinner	

DAY II

04.03.2020. NICAT cluster, Bulevar Svetog cara Konstantina Rd 80-86, Niš, Serbia		
Part I		
Steering Committee Meeting – representatives of ALL partners		
10 ³⁰ – 11 ⁰⁰ h	Registration of the participants	Representatives of all partners
11 ⁰⁰ – 11 ³⁰ h	Project Management at the overall project level – analysis of planned/achieved results	Prof. dr. Nenad Zrnić Asst. Prof. dr. Žarko Mišković
11 ³⁰ – 12 ¹⁵ h	Definition of the new Work plan for the next period of the project realisation	Prof. dr. Nenad Zrnić
12 ¹⁵ – 12 ⁴⁵ h	Coffee break	All present participants
12 ⁴⁵ – 13 ³⁰ h	Analysis of the financial aspects of the project – budget effectiveness	Asst. Prof. dr. Aleksandar Jović
13 ³⁰ – 14 ⁴⁵ h	Analysis of the Interim Report and project progress with external expert	Prof. dr. Nenad Zrnić Asst. Prof. dr. Žarko Mišković Asst. Prof. dr. Aleksandar Jović
14 ⁴⁵ – 15 ³⁰ h	Lunch break	



STEERING COMMITTEE MEETING

Sastanak steering komiteta

Prof. Dr.-Ing. Nenad Zrnić

Dr.-Ing. Žarko Mišković

Niš, 3. and 4. March 2020.



FH JOANNEUM
University of Applied Sciences



3/4 March 2020.

1



Project management – status on 3th of March 2020

- Transfer of the first installment to partners – finished, except to Ministry and National Council in line with signed Partnership Agreement
- Transfer of installment for equipment costs – funds for relaunched procurement transferred to all RS universities partners, UNS is relaunched ONE more equipment procurement
- Report on technical implementation (Interim report) submitted – all recommendations from Brussels are fully followed (Website for students, Quality plan etc.)!
- Financial Statement with request for 2nd pre-financing is submitted together with Interim Report
- EACEA transferred to University of Belgrade 2nd pre-financing – new project exchange rate was sent to partners via e-mail in May 2019th!
- 1st part of second pre-financing (2nd instalment) is transferred to all partners which spent more than 70 % of first instalment.
- All partners sent filled, signed and stamped Annex V – Request for payment (for beneficiaries) – except partners from Poland, more details on financial analysis of the project realisation
- Referencing of the ITRs remains the same as in previous period: Home Institution Acronym - Host Institution Acronym - Travel start date - number of participant (e.g. UB-UDL- 17.04.2018-1)
- Referencing methodology is described in QUALITY MANUAL



3/4 March 2020.

2



Project management – status on 3th of March 2020

First Instalment – transferred!

Partner No.	Name of Partner	Country	Merged		EQ	FIRST INSTALMENT
			1st instalment of first pre-financing	2nd instalment of first pre-financing		
1	BG	RS	21.738,85	9.316,65	50.138,00	81.193,50
2	UNS	RS	8.971,20	3.844,80	48.050,00	60.866,00
3	DUNP	RS	7.813,75	3.348,75	48.050,00	59.212,50
4	UKG	RS	9.558,15	4.096,35	48.050,00	61.704,50
5	BMU	RS	5.225,50	2.239,50	61.625,00	69.090,00
6	VISER	RS	5.439,70	2.331,30	41.780,00	49.551,00
7	NCHE	RS	8.477,70	3.633,30	0,00	12.111,00
8	MPNTR	RS	9.992,50	4.282,50	0,00	14.275,00
9	NICAT cluster Niš	RS	8.505,00	3.645,00	0,00	12.150,00
10	JGS - FH Joanneum	Austria	12.490,10	5.352,90	0,00	17.843,00
11	FORMASUP	France	11.551,75	4.950,75	0,00	16.502,50
12	Un. Leida	Spain	9.947,00	4.263,00	0,00	14.210,00
13	SAN - Spoleczna Ak.Nauk	Poland	8.002,75	3.429,75	0,00	11.432,50
14	POW - PowMio	Germany	11.209,45	4.804,05	0,00	16.013,50
			117.184,55	50.221,95	297.693,00	465.099,50



Project management – status on 3th of March 2020

First instalment – spent and declared!

Partner No.	Name of Partner	Country	PSP/PA	DISTRIBUTION OF THE GRANT BY ORGANISATION (in EUR)					Total Costs (in EUR)
				1. Staff Costs	2. Travel Costs	3. Costs of Stay	4. Equipment Costs	5. Subcontracting Costs	
P1	The University of Belgrade	Serbia	Partner Countries	18.923,00	1.455,00	1.160,00	30.241,31	—	95.839,31
P2	FH Joanneum - Fachhochschule für Angewandte Technik	Austria	Programme Countries	11.720,00	730,00	1.080,00	—	—	17.830,00
P3	UNIVERSITAT	France	Programme Countries	8.530,00	275,00	300,00	—	—	10.105,00
P4	University of Lleida	Spain	Programme Countries	12.402,00	660,00	940,00	—	—	16.752,00
P5	Spoleczna Akademia Nauk	Poland	Programme Countries	2.622,00	550,00	730,00	—	—	3.752,00
P6	PowMio	Germany	Programme Countries	11.792,00	1.300,00	1.020,00	—	—	16.382,00
P7	Belgrade Metropolitan University	Serbia	Partner Countries	—	3.220,00	4.480,00	61.587,83	658,81	72.545,89
P8	University of Novi Sad	Serbia	Partner Countries	—	4.250,00	3.700,00	—	25,47	10.275,47
P9	University of Kragujevac	Serbia	Partner Countries	—	3.685,00	6.040,00	47.379,94	—	60.055,94
P10	New University of Novi Pazar	Serbia	Partner Countries	—	3.815,00	3.900,00	47.030,75	—	60.614,75
P11	JGS	Serbia	Partner Countries	—	3.210,00	3.240,00	62.666,17	—	72.016,17
P12	Ministry of Education, Science and Technological Development	Serbia	Partner Countries	—	—	—	—	—	—
P13	National Council for Higher Education	Serbia	Partner Countries	—	—	—	—	—	—
P14	WCE	Serbia	Partner Countries	2.271,00	3.365,00	4.800,00	—	—	10.376,00



Project management – status on 3th of March 2020

Second instalment (first part of 2nd pre-financing) – by PA?

Partner No.	Name of Partner	Country	1st instalment of second pre-financing	2nd instalment of second pre-financing
1	BG	RS	32.477,40	32.477,40
2	UNS	RS	24.346,40	24.346,40
3	DUNP	RS	23.685,00	23.685,00
4	UKG	RS	24.681,80	24.681,80
5	BMU	RS	27.636,00	27.636,00
6	VISER	RS	19.820,40	19.820,40
7	NCHE	RS	4.844,40	4.844,40
8	MPNTR	RS	5.710,00	5.710,00
9	NiCAT cluster Niš	RS	4.860,00	4.860,00
10	JGS - FH Joanneum	Austria	7.137,20	7.137,20
11	FORMASUP	France	6.601,00	6.601,00
12	Un. Leida	Spain	5.684,00	5.684,00
13	SAN - Spoleczna Ak.Nauk	Poland	4.573,00	4.573,00
14	POW - PowMio	Germany	6.405,40	6.405,40
			165.984,60	165.984,60



Project management – status on 3th of March 2020

New project exchange rate:
1 EUR = 117.9678 RSD
May 2019



Project management – status on 3th of March 2020



Erasmus+

Cooperation for innovation and the exchange of
good practices sub-programme

TECHNICAL REPORT form

Programme	Erasmus+
Sub-Programme	Cooperation for innovation and the exchange of good practices
Action	Cooperation for innovation and the exchange of good practices
Sub-Action	Cooperation for innovation and the exchange of good practices
Call for Proposal	Erasmus+ KA2 CBHE-SP
Project number	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP
Agreement/contract number	33375061
Project Title	Implementation of Dual Education in Higher Education of Serbia
Language used to complete the form	English

Report on Technical
implementation of the
project (Interim Report) sent
to Brussel (EACEA) on
14th of April 2019
and forwarded to all partners!



3/4 March 2020.



7



Project management – status on 3th of March 2020

XX.Y-ZZ.MM.YYYY

Institution Acronym – Researcher/Manager/Technician/Administrator – Sequential
number of the document in the same month (different for each staff member who
received the payment) – Month/Year

Example:

UB-R-01-11.2018

If different person from University of Belgrade (UB) received the payment as a
Researcher in the same month his Joint Declaration Ref. No. would be: UB-R-02-
11.2018

If different person University of Belgrade (UB) received the payment as a
Technician in the same month his Joint Declaration Ref. No. would be: UB-T-01-
11.2018

TIMESHEET Reference Number:

XX.Y-ZZ.MM.YYYY

Institution Acronym – Researcher/Manager/Technician/Administrator – Sequential
number of the document in the same month (different for each staff member who
received the payment) – Month/Year

Example: UB-R-01-11.2018

(Corresponds to JOINT DECLARATION)

JOINT DECLARATION

Project No. 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP

Declaration of the beneficiary of the project (University of Belgrade) for the period of 11 months from 01.11.2018 to 31.10.2019

Period: November 2018

Activity: Researcher/Manager/Technician/Administrator

Declaration of the beneficiary of the project (University of Belgrade) for the period of 11 months from 01.11.2018 to 31.10.2019

Period: November 2018

Activity: Researcher/Manager/Technician/Administrator

Declaration of the beneficiary of the project (University of Belgrade) for the period of 11 months from 01.11.2018 to 31.10.2019

Period: November 2018

Activity: Researcher/Manager/Technician/Administrator

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Activity: Researcher/Manager/Technician/Administrator

Declaration of the beneficiary of the project (University of Belgrade) for the period of 11 months from 01.11.2018 to 31.10.2019

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Period: November 2018

Activity: Researcher/Manager/Technician/Administrator

Declaration of the beneficiary of the project (University of Belgrade) for the period of 11 months from 01.11.2018 to 31.10.2019

Period: November 2018

Activity: Researcher/Manager/Technician/Administrator

Declaration of the beneficiary of the project (University of Belgrade) for the period of 11 months from 01.11.2018 to 31.10.2019

Period: November 2018

Activity: Researcher/Manager/Technician/Administrator



3/4 March 2020.



8



WP1 - *Research and needs analysis*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
1.1	Analysis of EU practices and experiences	Review of EU and worldwide best practices and experiences in DHE is performed and results are presented in the appropriate Report	1 Report on the state-of-the-art DHE is prepared (DEV 1.3). It included the results of the survey of 10 DHE programmes from EU and worldwide (Germany, Hungary, Italy, Austria, United Kingdom, Portugal, Poland, Slovakia, France and Switzerland) in different industrial sectors. Report is publicly available at the DualEdu project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/10-report-on-the-state-of-the-art-dhe
1.2	Study visits of EU partners	Transfer of knowledge and skills from programme countries institutions to Serbian HEIs is performed – through study visits to EU partners institutions	21 staff members from Serbian partner institutions carried out study visits to FORMASUP company, Lille, France (March 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.1), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/9-lille-meeting-18-03-21-03-2018 18 staff members from Serbian partner institutions carried out study visits to University de Lleida, Lleida, Spain (April 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.2), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/11-meeting-in-lleida 20 staff members from Serbian partner institutions carried out study visits to FH Joanneum, Graz, Austria (May 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.3), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/10-graz-meeting-03-05-04-05-2018 20 staff members from Serbian partner institutions carried out study visits to University of Social Sciences (UoSS), Lodz, Poland (May 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.4), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/12-lodz-meeting-21-05-22-05-2018 1 Report (DEV 1.2) which synthesise experiences from all listed study visit is also written and available at the: https://dualedu.ef.uns.ac.rs/index.php/project/dissemination-and-exploitation 16 staff members from Serbian partner institutions carried out study visits to PowMio, Karlsruhe, Germany (September 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.5) should be written and both presentations and materials should be posted at the DualEdu Project website! At least one more study visit (FORMASUP, France or UDI, Spain) should be organised before the end of the project
1.3	Survey of companies needs for DHE in Serbia	Gathering of information, systematisation and analysis of needs and recommendations regarding Serbian companies' needs for DHE	The 1 Questionnaire with questions about the needs of Serbian companies for DHE is prepared. The 1 Report (DEV 1.3) that includes the results of the analysis of Serbian companies' needs for DHE is generated. The analysis includes information on 53 companies from different industrial sectors and 4 different regions (Belgrade, Nis, Cacak and Novi Pazar) in Serbia. Both Report and Questionnaire are available at the DualEdu website: https://dualedu.ef.uns.ac.rs/index.php/download/category/13-questionnaire-and-report



WP1 - *Research and needs analysis*





WP1 - *Research and needs analysis – next steps?*

The activities in WP1 were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing (this, sequentially caused the delay of all related activities). Nevertheless, all activities are carried out during the first eight months of the project duration with higher number of key performance indicators than planned by the project proposal. The only discrepancy from original work plan is the **visit to POWMIO company** (Germany) which was, in agreement with Project Officer postponed to WP 4 and the second year of project duration. The same goes for **at least one more study visit (FORMASUP, France / UDL, Spain)** which needs to be organized in order to achieve the minimal indicator of project progress (6 study visits) stated in the Logical Framework Matrix of the Project application



WP2 - *Flexible and generic Dual Higher Education Model (DHEM) for Serbia*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
2.1	Development of a flexible and generic Dual Higher Education Model for Serbia	The document: Flexible and generic Dual Higher Education Model (DHEM) for Serbia that summarizes the needs and requirements of different stakeholders in DHE (companies, HEIs, students) is generated. This document presents a basis for generation of specific DHE programmes.	1 Flexible and generic Dual Higher Education Model (DHEM) for Serbia is developed (DEV 2.1) and published on the DualEdu project website: https://dualedu.eu/en/about-us/about-us/development-and-evaluation
2.2	Conference on DualEdu added value on industrial sector	The Conference on dual education added value on industrial sector is held in Niš, with involvement of representatives of partner countries and representatives of companies from industrial sector. Due to experience from programme countries and needs of domestic industrial sector, it shown the benefits of DualEdu on industrial sector with emphasis on improvement of competencies of DHE students.	1 Conference on DualEdu added value on industrial sector is realized, in Niš, Serbia, June 2018 ¹⁰ . The conference was attended from 21 representatives of the companies, 8 representatives of the students and 24 persons from partners institutions. 3 Attendance lists, 1 detailed Report (DEV 2.2), presentations and materials are available at the DualEdu Project website: https://dualedu.eu/en/about-us/about-us/development-and-evaluation/13-30-10-2018 Photos from the conference are available at the gallery: https://dualedu.eu/en/about-us/about-us/development-and-evaluation/gallery
2.3	Discussion Forum on the proposed DHEM model with key stakeholders and policy makers	Discussion Forum on the proposed DHEM model is held in Belgrade and it gave an opportunity to consortium obtain public opinions and ideas of key stakeholders and policy makers regarding flexible and generic DHEM. Different viewpoints on the subject.	1 Discussion Forum on the proposed DHEM model is realized, in Belgrade, Serbia, December 2018 ¹¹ . The conference was attended by 14 participants from Serbian project team and 27 key stakeholders' and policy makers' representatives. 1 Attendance list, 1 Minutes of the meeting, 1 detailed Report (DEV 2.3), presentations and materials are available at the DualEdu Project website: https://dualedu.eu/en/about-us/about-us/development-and-evaluation/13-discussion-forum-in-belgrade-16-12-2018 Photos from the Forum are available at the gallery: https://dualedu.eu/en/about-us/about-us/development-and-evaluation/gallery



WP2 - *Flexible and generic Dual Higher Education Model (DHEM) for Serbia – next steps?*

The activities in WP2 were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing. Nevertheless, **all activities are carried out during the first half** of the project implementation so they will not affect the successful realization of the activities planned for the second half.



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
3.1.	Creating amendments to the Law on Dual Education and Law on Higher Education of Serbia	The workgroup for Serbian Law on dual education modification is formed and the new draft version of the Law on dual model of studies in Higher education is generated.	1 official workgroup (team) for Serbian Law on Dual education in HE modification is formed. 1 Draft version of the proposed amendments is prepared and submitted to the authorities (and prepared for voting in National Assembly). At the project website, the both documents are available: https://dualedu.ef.uns.ac.rs/index.php/project/dissemination-and-exploitation The Law on Dual Education in Higher Education in Serbia is adopted on September 23th, 2019
3.2.	Creating amendments to the Labour Law	The workgroup for Serbian Labour Law modification is formed. Due to the changes in Serbian government policy, instead of making amendments to the Labour Law, the amendments dealing with the labour issues are integrated in the proposed draft of Serbian Law on Dual education in HE (Activity 3.1)	1 official workgroup (team) for Serbian Labour Law modification is formed and available at the DualEdu project website (DEV. 3.2): https://dualedu.ef.uns.ac.rs/index.php/project/dissemination-and-exploitation The document which explains why the amendments to the labour Law are not written must be prepared
3.3.	Creating amendments to the Accreditation Standards	The workgroup for Serbian HEI Accreditation standards modification is formed. Due to the changes in Serbian government policy, instead of making amendments to the HEI Accreditation standards, the amendments dealing with the quality of higher education are integrated in the proposed draft of Serbian Law on Dual education in HE (Activity 3.1)	1 official workgroup (team) for Serbian Labour Law modification is formed and available at the DualEdu project website (DEV. 3.3): https://dualedu.ef.uns.ac.rs/index.php/project/dissemination-and-exploitation Amendments to the Accreditation Standards are prepared (together with Elaborate) and forwarded to National Accreditation body of HEI in Serbia in January 2020th

WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*

Title of document	Handbook (22/06/2012) to non-accredited students (22/06/2012) (non-accredited)
Work package	WP 3: Creation of Legal and other conditions for implementation of DSE-Sector
Activity	3.3 Creating amendments to the Accreditation Standards
Last version date	20/02/2013
File format	Amendments to the Accreditation Standards
Number of pages	7
Distribution level	Internal

WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*

Член 5.
Освен за реализиране на проекта съгласно в стандартна процедура предоставен
у описану на законни користи на трети лица, включително в описану на законни и стандарти
законодавателна утвърди у описану на законни користи на трети лица, включително в описану на законни



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
3.4.	Discussion forum on draft proposals of amendments	15/10/2019	14/11/2019	At one of the participating organisations from Serbia	Organisation of the Discussion Forum on draft proposals of amendments	One Discussion forum on draft proposals of amendments for national Law on Dual Education in Higher Education in Serbia is held in Kragujevac in December 2020 th
3.5.	Recommendations to HEIs in Serbia on how to implement DHE	15/04/2019	14/10/2020	At all participating organizations	Research, preparation and writing of the Recommendations to HEIs in Serbia on how to implement DHE. This document will synthesize the findings of pilot tests of the specific DHEMs and provide recommendations and guidelines to all Serbian HEIs for implementation of DHE	The Recommendations to HEIs in Serbia on how to implement DHE are published on project web site



WP4 - *Pilot testing of the flexible and generic DHEM*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
4.1.	Identification and conceptual definition of specific DHEMs	At least 6 documents for 6 specific DHEMs (at least one per participating HEI) is being developed. The documents will describe the concepts of specific DHEMs and will represent a basis for presentation of specific DHEMs to companies.	Each of Serbian HEI partner has partially specified its specific DHEM for pilot testing.
4.6.	Purchase of equipment	A large part (over 90%) of equipment for pilot testing is purchased and installed at the Serbian HEIs	1 Tendering procedure for equipment procurement was started in October 2018 th . Out of 22 Equipment Lots (in total), only five didn't receive any offers (rest of them are to date delivered and installed in 5 Serbian HEIs) – so procurement procedure is already successfully finished for 15 Equipment Lots. The relaunch of the remaining five Lots is also completed and finished. 1 New set of tendering documents is available at the website of the Project Coordinator: http://www.bg.ac.rs/sr/univerzitet/nabavke/jnabavke.php UNS is relaunching procurement of one more additional Lot – work in progress.



WP4 - Pilot testing of the flexible and generic DHEM – next steps?

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
4.1.	Identification and conceptual definition of specific DHEMs	15/11/2018	14/07/2019	At all participating organizations	At least 6 documents for 6 specific DHEMs (at least one per participating HEI) will be developed. The documents will describe the concepts of specific DHEMs and will represent a basis for presentation of specific DHEMs to companies.	Each of Serbian HEI partner has specified its specific DHEM for pilot testing. All partners should prepare its specific DHEM for pilot testing.
4.2.	Presenting specific DHEMs to companies and making agreements for participation	15/04/2019	14/01/2020	At all participating organizations from Serbia	Each HEI will present the concepts of specific DHEMs to at least 10 selected companies	Concepts of specific DHEMs presented to at least 10 companies per HEI UB completed the presentation of the DHEM to companies.
4.3.	Planning of pilot testing of specific DHEMs	15/04/2019	14/01/2020	At all participating organizations from Serbia	Each HEI partner from Serbia signs agreement for participation in pilot testing of specific DHEM with at least one company	At least 5 companies involved in pilot testing are known UB signed agreements with more than 10 companies.
4.4.	Pilot implementation and testing of specific DHEMs	14/09/2019	14/06/2020	At all participating organizations from Serbia	HEIs develop detailed plans for pilot testing of specific DHEMs in cooperation with contracted companies. This plan will include the creation of the template of the three-lateral contract between students, company and HEI.	Plan for pilot testing is accepted by HEIs authorities 6 HEIs are ready for implementation of pilot testing UB soon starts with the implementation of pilot.



WP4 - Pilot testing of the flexible and generic DHEM – next steps?

Табела 5.16. Распреда предмета по специјалности и годишња студира за студира друге степенје студира: МАС, МСС и САС

Редни број	Шифра	Назив	См.	Датуми испита				Ост.	ЕСТБ	Обележити Изборни ОИП	Тип предмета
				II	III	ДОН учес. по КРП ДМ	Учес. през ДМ				
ПРВА ГОДИНА											
1.	9000	Увод у производне системе	Прав	42	30				6	О	Техничко-методолошки
2.	9001	Савремене информационе и организационе технологије	Прав	38	42				4	О	Техничко-методолошки
3.	9002	Системски и функционални анализи података	Прав	36	45				6	О	Техничко-методолошки
4.	9003	Работна и менаџерска компетенција	Прав	42	32	15/24			6	О	Стручно-асистентски
5.	9004	Алгоритми и структуре података	Прав	42	30				6	О	Техничко-методолошки
6.	9005	Пројектовање пословних система у Искуству	Други	42	30				6	О	Техничко-методолошки
7.	9006	Математичко учење математичких робота	Други	38	32	30/48			6	О	Научно-стручни
8.	9007	Кадровски финансијски системи	Други	42	32	15/24			6	О	Стручно-асистентски
Укупно изборних предмета М1 (студирајући 2 предмета)				30	30/45	15/0			6		
9.	9012	Дистрибутивни системи и менаџмент	Други	38	30	15/24			6	И	Стручно-асистентски
10.	9013	Управљање ланцима опskrbe	Други	38	42				6	И	Стручно-асистентски
11.	9014	Дигитални маркетинг системи	Други	38	30	15/24			6	И	Стручно-асистентски
Укупно изборних предмета Г1 (студирајући 3 предмета)				30	42				6		
12.	9010	1. Рачунарска математика	Други	38	42				6	И	Научно-стручни
13.	9015	Математичко учење	Други	38	42				6	И	Научно-стручни
14.	9017	Увод у биоинформатику	Други	38	42				6	И	Научно-стручни
15.	9018	1. Рачунарска математика	Други	38	42				6	И	Научно-стручни
Укупно часова (предавања/семинари, ДОН, остали часови) и ЕСТБ по години				374	306	60/75/96/126			60		
Укупно радних сати ученика преко радне године				274	450						
ДРУГА ГОДИНА (ЗАВРШНА ГОДИНА)											
16.	9008	Информационе и комуникационе системе за Искуство 4.0	Други	42	30				6	О	Техничко-методолошки
Укупно изборних предмета Г2 (студирајући 1 предмет)				38	42				6		
17.	9010	1. Рачунарска математика	Други	38	42				6	И	Научно-стручни

WP4 - Pilot testing of the flexible and generic DHEM – next steps?

[illegible]

WP4 - Pilot testing of the flexible and generic DHEM – next steps?

[illegible][illegible]



WP4 - Pilot testing of the flexible and generic DHEM – next steps?

[illegible]

WP4 - Pilot testing of the flexible and generic DHEM – next steps?

Изјава о намерама последоваца да се код њих реализује студентска пракса у случају избора студијског програма

1. SAR West Balkans d.o.o., Омладинских бригада 886, 11070 Нови Београд
2. Siemens Mobility d.o.o. Servis, Савска 40, 34321 Крагујевац
3. НПС д.о.о, Булевар маршала Титојница 44, 11070 Нови Београд
4. Металал ад, Јуноса Александра 212, 32300 Горњи Милановац
5. "НИС" а.д. Нови Сад, Народни Фронта 12, 21000 Нови Сад
6. Миленис industries group d.o.o, Београдска бр. 34400 Крагујевац
7. Компанија Спобода, Ратка Митровића 66, 32000 Чачак
8. Neil Co d.o.o., Маршала Тита 208, 11000 Београд
9. Star Import d.o.o. Београд, Омладинских бригада 33, 11070 Нови Београд
10. Инконио глас д.о.о. Београд, Милеша 5, 31210 Пилишта
11. Ва 28 д.о.о. Београд, Јурија Гагарина 231-322, 11070 Нови Београд
12. Келу ГТ д.о.о. Антимаршијалистичке борбе 47/4, 11000 Београд
13. Сервотек д.о.о. Добановци, Утринскогине 163, 11272 Добановци
14. Servotek d.o.o. Београд, Милеша 5, 31210 Пилишта
15. Festo Gesellschaft m.b.H. органе Београд, Омладинских бригада 90в, 11070 Нови Београд
16. Steel Product and Project, Коњевиле 66, 32000 Чачак
17. Брелет - Крон д.о.о, Саве Чокићевића 26, 22313 Борка
18. ZF Serbia d.o.o., 7. нове 7, 26000 Панчево



УЧЕБНИК
О ПОСЛОВНО-ТЕХНИЧКОЈ САРАДЊИ

МАТЕМАТИКА

Математика је наука која се бави својствима бројева, линија, површина, простора и њиховим односима. Она је осnova свих наука које се баве квантитативним пројектима.

УЧЕБНИК

Математика је наука која се бави својствима бројева, линија, површина, простора и њиховим односима. Она је осnova свих наука које се баве квантитативним пројектима.

ОДНОСИ

Односи су везе између објеката. Они могу бити једнозначни, вишезначни, симетрични, антисиметрични, транзитивни, рефлексивни, екви-валентни, парцијални, тотални, функционални, итд.

Правилно издати: Математика је наука која се бави својствима бројева, линија, површина, простора и њиховим односима. Она је осnova свих наука које се баве квантитативним пројектима.

Правилно издати: Математика је наука која се бави својствима бројева, линија, површина, простора и њиховим односима. Она је осnova свих наука које се баве квантитативним пројектима.

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3/4 March 2020.



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WP4 - *Pilot testing of the flexible and generic DHEM – next steps?*

4.5.	Development of training materials	15/04/2019	14/02/2020	At all participating organizations from Serbia	Creation of learning and training material for specific DHEMs	Learning and training material created UB completed the training materials.
4.6.	Purchase of equipment	01/01/2019	31/07/2019	At all participating organizations from Serbia	At the moment, the relaunch of the remaining Lot is in progress (or already finished).	1 remaining Equipment Lot acquired by UNS The official Equipment lists should be completed and with Eq. ID numbers forwarded to the Project coordinator.
4.7	Analysis of the results of pilot testing of each of specific DHEM of HEI-partners from Serbia	15/04/2020	14/09/2020	At all participating organizations from Serbia	This document provides the results of the analysis and summarizing of the individual HEIs reports on pilot testing	Report on the results of pilot testing is published on project website.



WP4 - *Purchase of equipment – next steps?*

ZADUŽENJE OPREME PO ERASMUS DUALEDU PROJEKTU – Laboratorija za ispitivanje Mašinskih Opremanja i Sistema (LMOS)

№	opis specifikacije	količina	datum	zaduzio/prostora	inventarski broj	propis
1.	Terminski računalo sa operativnim sistemom Windows 10, RAM 8GB, SSD 128GB, monitor 24"	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00955	
2.	Terminski računalo sa operativnim sistemom Windows 10, RAM 8GB, SSD 128GB, monitor 24"	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00956	
3.	Desktop računalo sa operativnim sistemom Windows 10, RAM 8GB, SSD 128GB, monitor 24"	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00957	
4.	Desktop računalo sa operativnim sistemom Windows 10, RAM 8GB, SSD 128GB, monitor 24"	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00958	
5.	Desktop računalo sa operativnim sistemom Windows 10, RAM 8GB, SSD 128GB, monitor 24"	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00959	
6.	HP ProBook 430 G5	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00960	
7.	Beats Solo3 bezžični slušalice	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00961	
8.	Tablet Samsung Galaxy Tab A 10.5	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00962	
9.	Tablet Samsung Galaxy Tab A 10.5	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00963	
10.	Tablet Acer Aspire F 717-72G	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00964	
11.	Desktop računalo sa operativnim sistemom Windows 10, RAM 8GB, SSD 128GB, monitor 24"	1	27/03/2019	Prof. dr. Radivoje Mitrović / 154/9	00965	

+ kartice osnovnih sredstava
itd.

...



WP5 - *Quality Assurance and Monitoring*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
5.1.	Creating quality and evaluation strategy and project quality monitoring	The quality and evaluation plan which includes project processes, policies, goals and Management Quality Manual is created. Quality Manual include chapters related to preventive and corrective measures of the project, hierarchy of responsibilities, communication flows and decision making, PR strategy and communication with external parties.	1 Quality and evaluation strategy is developed and published in the 1 document titled 'Quality Control and Monitoring Manual' which is constantly being improved. It is also published on the DualEdu project web site: https://dualedu.uni.ac.rs/index.php/project/quality-and-control
5.2.	Preparation of the interim evaluation report	Interim evaluation report which contains the results of the implementation of the DualEdu project, project key performance indicator evaluation and project goal success rate evaluation is developed.	1 Interim Evaluation Report successfully delivered to EC. All recommendations are fully followed (website dedicated to students, Quality strategy etc.).



WP5 - *Quality Assurance and Monitoring – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
5.1	Creating quality and evaluation strategy and project quality monitoring	15/10/2017	14/10/2020	At all participating organizations	Continuous project quality monitoring	0 unnecessary delays, 0 of the project goals unfulfilled
5.3	Preparation of the final evaluation report	15/07/2020	14/10/2020	University of Belgrade	Final evaluation report will be quality assurance report as executive summary of quality assurance throughout the whole project.	1 Final Evaluation Report is prepared and published on the project web site

- + ONE REPORT FROM EXTERNAL EXPERT (already hired – Prof. Ph.D. Petar Marić)!
- + Developed Dual Education study modules should be assessed by foreign partners!



WP6 - *Dissemination and Exploitation of Results*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
6.1	Defining dissemination and exploitation plan	Definition and preparation of the dissemination plan. This document starts with the plan of visual identity of project (logo, site, motto) and then contains strategy on dissemination which predominantly describes all dissemination activities (conference, printing promotion material...), along with time table and allocation of responsibilities within the involved partners	1 Dissemination and Exploitation Plan is prepared and published on the DualEdu project web site: https://dualedu.ef.uns.ac.rs/index.php/download/category/5-dissemination-and-exploitation-plan-x-3-3.pdf
6.2	Preparation of dissemination products	Visual identity of the project is created: Project logo, project web site, project motto. Afterwards, all partners organize dissemination events in their own contexts in order to raise public awareness of the DualEdu issues.	The following dissemination products are developed and constantly used by consortium: 1 logo, 1 Roll-up banner, 1 project website, 1 Trello platform. DualEdu dissemination products are available at the: https://dualedu.ef.uns.ac.rs/index.php/download/category/5-visual-identity Website dedicated for students is also prepared (as well as presentations on social networks). The project is presented to the public in at least 8 occasions (conferences, forums etc.), 1 TV interview and 3 publications. More at: https://dualedu.ef.uns.ac.rs/index.php/events-and-activities?limitstart=0



WP6 – Lead partner: UNS (Mirko Savić)

Home Events and activities Project > Other > Links > Contact Download

Visual identity - 100%

Implementation of Dual Education in Higher Education of Serbia / DualEdu

Welcome to official site of Erasmus+ project, entitled Implementation of Dual Education in Higher Education of Serbia / DualEdu. EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP. This project has been funded with support from European Commission, within Erasmus+ programme.

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Implementation of
Dual Education
in Higher Education
of Serbia



WP6 - *Dissemination and Exploitation of Results – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
6.2	Preparation of dissemination products	15/10/2017	14/10/2020	At all participating organizations	Visual identity of the project was created in initial phase: Project logo, project web site, project motto. Afterwards, all partners organize dissemination events in their own contexts in order to raise public awareness of the DualEdu issues.	Dissemination products are printed and presented to the public, in as many as occasions as possible, and appropriate news shown at the DualEdu project website: https://dualedu.ef.uns.ac.rs/index.php/events-and-activities?limitstart=0 <u>Proceedings from the project realisation should be united and printed as a book!</u>
6.3	Preparation of the interim dissemination and exploitation report	15/04/2019	14/07/2019	University of Novi Sad	Reports on interim dissemination and exploitation as steady activity throughout project duration. All partners organize dissemination events in their own contexts which follow the project goals.	IDER published on the project Web site
6.4	Preparation of the final dissemination and exploitation report	15/07/2020	14/10/2020	University of Novi Sad	This report will summarize the interim reports with reached achievements of dissemination due to project goals.	FDER published on the project web site
6.5	Final Conference	15/08/2020	14/10/2020	University of Belgrade	Organizing a final conference with the aim of demonstrating the overarching achievements of the project and the complexity of project work having been carried out, with a special emphasis on the main aim of the project i.e. the setting up DHE programs in Serbia.	Proceedings from the Final Conference published on the project web site



Analysis of the Project Implementation by Working Packages – WP6 – Lead partner: UNS (Mirko Savić)

Next steps?

- Regularly **updating news** on the project web-site (please inform colleagues from NS about provided activities) and on the social networks
- Publishing **all the documents** (reports drafted till now, dissemination plan and quality plan, etc.) on the project web-site

...INCLUDING THE MISSING ONES!



WP7 - *Project management*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
7.1	Overall project management	Efficient overall project management.	6 Reports on overall project management prepared and published at the Project Trello platform (DEV 7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, 7.1.6 and 7.1.7) https://trello.com/c/90QHTh9X/20-71-overall-project-management 1 successful monitoring visit by the national Erasmus office of Serbia, presented at the: https://dualedu.ef.uns.ac.rs/index.php/download/category/16-belgrade-monitoring-visit-19-06-2018
7.2	5 Steering Committee meetings	Preparation and organisation of the successful Steering Committee meetings	3 Steering Committee meetings are held. First one in Belgrade, December 2017 th – during the kick off meeting, the second one – in Kragujevac, July 2018 th and the third one in Novi Sad, June 2019 th . 3 detailed Reports, Attendance lists, presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/download/category/7-kickoff-meeting-11-12-2017 https://dualedu.ef.uns.ac.rs/index.php/download/category/17-kragujevac-meeting-04-07-05-07-2018
7.3	7 Local Committee meetings	Preparation and organisation of the successful Local Committee meetings	5 Local Committee meetings are held. First one in Belgrade, December 2017 th – during the kick off meeting, the second one – in Niš, June 2018 th , the third one in Novi Sad, June 2019 th , forth one in Novi Pazar, October 2019 th and fifth one in Kragujevac, December 2019 th . https://dualedu.ef.uns.ac.rs/index.php/download/category/15-local-committee-meeting-in-nis-14-06-2018
7.4	Monitoring and interim report	Preparation of the Interim Report	1 Interim Technical Report prepared and uploaded to the EC website



Study visits plan for 2019 – fully accomplished:

- 1. Mobility: during June** (in line with availability and transfer of 2nd pre-financing from EACEA) – **Local Committee and Steering Committee in Novi Sad** – ALL PARTNERS;
- 2. Mobility: during September** – **study visit to Germany (Karlsruhe)** – RS PARTNERS ONLY;
- 3. Mobility: during October** – **Local Committee in Kragujevac** – RS PARTNERS ONLY;
- 4. Mobility: during December** – **Local Committee in Novi Pazar** – RS PARTNERS ONLY;



WP7 - *Project management – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
7.1	Overall project management	15/10/2017	14/10/2020	At all participating organizations	Efficient overall project management.	6 new Reports on overall project management
7.2	5 Steering Committee meetings	15/10/2017	14/10/2020	At different participating organizations from Serbia	Preparation and organisation of the successful Steering Committee meetings	2 Steering Committee meetings should be held before the end of the project – <u>one in Belgrade in October 2020th</u>
7.3	7 Local Committee meetings	15/11/2017	14/10/2020	At different participating organizations from Serbia	Preparation and organisation of the successful Local Committee meetings	2 Local Committee meetings should be held before the end of the project – <u>one in Belgrade in October 2020th</u>
7.5	Preparation of final report	15/09/2017	14/10/2020	University of Belgrade	Preparation of Final Report.	1 Final Project Report prepared and delivered to the EC Commission



What do we need for the Final Report preparation?

...the same like for the Interim Report (Financial Statement etc.) + FULL SET of supporting documents!



Discussion?

THANK YOU FOR
YOUR ATTENTION!



*Parole: ON THE ROAD TO SUCCESS, THERE ARE
NO SHORTCUTS*

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP



University of
Belgrade



**Implementation of Dual Education in Higher Education of
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Faculty of Mechanical
Engineering



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LOCAL AND STEERING COMMITTEE MEETING OF THE PROJECT

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

MINUTES OF THE MEETING

contacts: Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193
Dr.-Ing. Žarko Mišković, , +381-64-18-32-989

Activity Date: 3/3/2020 and 3/4/2020

Organizer: NiCAT cluster

Location: Bulevar Svetog Cara Konstantina Rd 80A, Niš, Serbia

Present: 18 participants from Serbian partner organizations and 1 from foreign partner organization

Report:

The local and steering committee meeting was opened at 12:30 on Thursday, March 3, 2020 by project Coordinator Prof. Dr.-Ing. Nenad Zrnić, UB. Coordinator opened the meeting, welcomed participants and introduced them with meeting agenda. Project Coordinator presented basic information about the project and briefly provided insight into the current situation of the project.

After welcome speech, Asst. Prof. dr. Žarko Mišković started the presentation of planned and achieved results within the project. He presented what was done within work packages, current situation and what was foreseen by the end of the project. It was determined that there were no changes in the documentation to justify the costs and that the exchange rate remains the same. The same documentation will be used for final financial report as for the interim report.

Some of completed activities within the work packages are:

- Dual Education Law was enacted last year based on the proposed changes
- Proposals to supplement and amend the accreditation standards have been sent

After briefly presented activities that are completed, Asst. Prof. Dr.-Ing. Žarko Mišković started the analysis of the action plan. Due to the larger amount left to most partners for travel, it was proposed to organize an extraordinary steering committee in Spain in the second half of June which was adopted by all participants at the meeting.

After analysis, it was discussed about preparation of the final report. The supporting documentation is the same as for the interim report. The deadline for submission of complete documentation for the final report is the end of August (to have time for eventually remarks).

At the end Prof. Dragan Domazet summarized the presentation and mentioned two main activities for the further: to encourage the authorities to enact the law acts and for the institutions to adopt their acts so that the next school year dual education can be implemented.

EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP



Implementation of Dual Education in Higher Education of Serbia



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Republic of Serbia
Ministry of Education,
Science and Technological
Development

Republic of Serbia
National Council
for Higher Education



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ATTENDANCE LIST, DAY I, 03.03.2020.

LOCAL AND STEERING COMMITTEE MEETING

NICAT cluster, Bulevar Svetog cara Konstantina Rd 80-86, Niš, Serbia

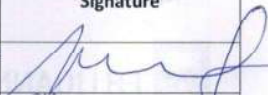
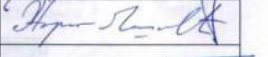
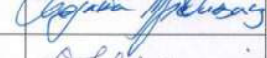
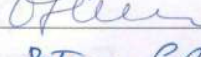
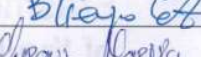
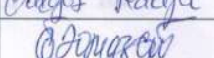
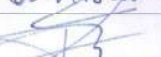
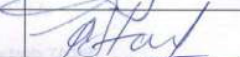
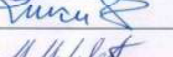
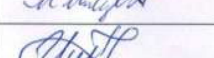
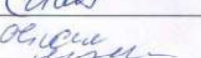
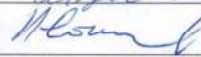
IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

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ATTENDANCE LIST, DAY II, 04.03.2020.

LOCAL AND STEERING COMMITTEE MEETING

NICAT cluster, Bulevar Svetog cara Konstantina Rd 80A, Niš, Serbia

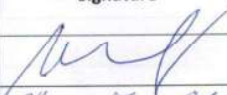
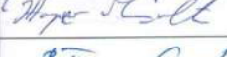
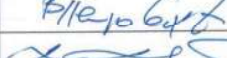
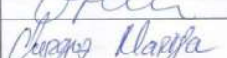
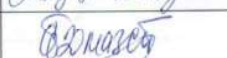
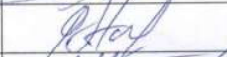
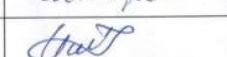
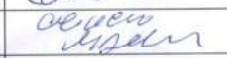
IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

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Nenad Stanić	nstanić@vlg.ac.uk	VIVIKG	

Fifth Steering Committee meeting – Belgrade,
December 2020th

 University of Belgrade	EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP  Implementation of Dual Education in Higher Education of Serbia Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia email: nznric@mas.bg.ac.rs	 Faculty of Mechanical Engineering
           		

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AGENDA

Steering committee meeting

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

contacts: Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193
Dr.-Ing. Žarko Mišković, +381-64-18-32-989

Tuesday, 22 th December 2020, Zoom platform		
10 ⁰⁰ – 10 ¹⁰ h	Welcome speech	Prof. Dr.-Ing. Nenad Zrnić, Project coordinator, University of Belgrade
10 ¹⁰ – 10 ³⁰ h	Project management – status on 22 nd of December 2020 Analysis of the Action Plan: Planned/Realized Activities by Working Packages	Dr.-Ing. Žarko Mišković, Project administrator, University of Belgrade
10 ³⁰ – 10 ⁴⁵ h	Discussion	All participants

10 ⁴⁵ – 11 ¹⁰ h	Financial aspect of the project	Dr.-Ing. Sanja Šešlija, Project co-administrator, University of Belgrade
11 ¹⁰ – 11 ³⁰ h	Final remarks	All participants



STEERING COMMITTEE MEETING

Sastanak menadžementa projekta

Prof. Dr.-Ing. Nenad Zrnić

Dr.-Ing. Žarko Mišković

Dr.-Ing. Sanja Šešlija

Belgrade, 22. December 2020.



FH JOANNEUM
University of Applied Sciences



December 22nd 2020.

1



Project management – status on 22nd of December 2020

- Transfer of the first installment to partners – finished, except to Ministry and National Council in line with signed Partnership Agreement
- Transfer of installment for equipment costs – UNS relaunched and finished ONE more equipment procurement
- Report on technical implementation (Interim report) submitted – all recommendations from Brussels are fully followed (Website for students, Quality plan etc.)!
- 1st part of second pre-financing (2nd instalment) is transferred to all partners which spent more than 70 % of first instalment – MORE IN THE FINANCIAL PART OF THE MEETING.
- All partners need to sent filled, signed and stamped Annex V – Request for payment (for beneficiaries) – if they meet the conditions
- Referencing of the ITRs remains the same as in previous period: Home Institution Acronym - Host Institution Acronym - Travel start date - number of participant (e.g. UB-UDL- 17.04.2018-1)
- Referencing methodology is described in QUALITY MANUAL
- Project extended till August 14th 2021



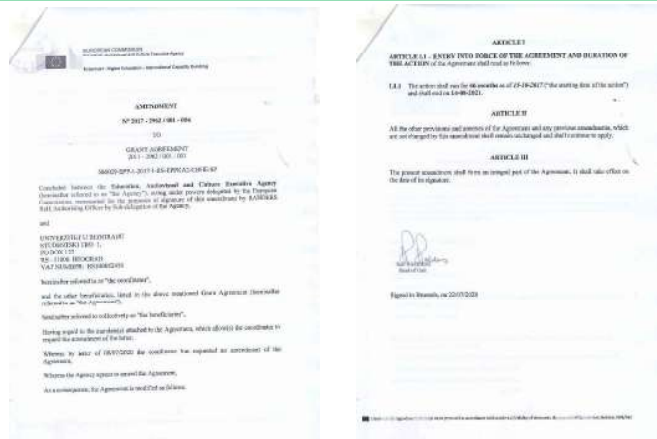
December 22nd, 2020



2



Project management – status on 22nd of December 2020



Project management – status on 22nd of December 2020

Project exchange rate:
1 EUR = 117.9678 RSD
May 2019

Project management – status on 22nd of December 2020

[illegible]

Project management – status on 22nd of December 2020

Analysis of the Action Plan: Planned/Realized Activities by Working Packages



WP1 - *Research and needs analysis*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
1.1	Analysis of EU practices and experiences	Review of EU and worldwide best practices and experiences in DHE is performed and results are presented in the appropriate Report	1 Report on the state-of-the-art DHE is prepared (DEV 1.3). It included the results of the survey of 10 DHE programmes from EU and worldwide (Germany, Hungary, Italy, Austria, United Kingdom, Portugal, Poland, Slovakia, France and Switzerland) in different industrial sectors. Report is publicly available at the DualEdu project website: https://dualedu.eu/en/activities/academic/Research/Review%20of%20the%20state-of-the-art-DHE
1.2	Study visits of EU partners	Transfer of knowledge and skills from programme countries institutions to Serbian HEIs is performed – through study visits to EU partners institutions	21 staff members from Serbian partner institutions carried out study visits to FORMASUP company, Lille, France (March 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.1), presentations and materials are available at the DualEdu Project website: https://dualedu.eu/en/activities/academic/Study%20visits/Study%20visits%20to%20FORMASUP%20company%20Lille%20France 18 staff members from Serbian partner institutions carried out study visits to University de Lleida, Lleida, Spain (April 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.2), presentations and materials are available at the DualEdu Project website: https://dualedu.eu/en/activities/academic/Study%20visits/Study%20visits%20to%20University%20de%20Lleida%20Spain 20 staff members from Serbian partner institutions carried out study visits to FH Joanneum, Graz, Austria (May 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.3), presentations and materials are available at the DualEdu Project website: https://dualedu.eu/en/activities/academic/Study%20visits/Study%20visits%20to%20FH%20Joanneum%20Graz%20Austria 20 staff members from Serbian partner institutions carried out study visits to University of Social Sciences (UoS), Lodz, Poland (May 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.4), presentations and materials are available at the DualEdu Project website: https://dualedu.eu/en/activities/academic/Study%20visits/Study%20visits%20to%20University%20of%20Social%20Sciences%20Lodz 1 Report (DEV 1.2) which synthesise experiences from all listed study visit is also written and available at the: https://dualedu.eu/en/activities/academic/Study%20visits/Study%20visits%20to%20EU%20partners 16 staff members from Serbian partner institutions carried out study visits to PowMio, Karlsruhe, Germany (September 2019 th). Attendance lists, 1 detailed Report (DEV 1.2.4) (written and (with presentations and materials) should be posted at the DualEdu Project website! At least one more study visit (FORMASUP, France or UDL, Spain) should be organised before the end of the project
1.3	Survey of companies needs for DHE in Serbia	Gathering of Information, systematisation and analysis of needs and recommendations regarding Serbian companies' needs for DHE	The 1 Questionnaire with questions about the needs of Serbian companies for DHE is prepared. The 3 Report (DEV 1.3) that includes the results of the analysis of Serbian companies' needs for DHE is generated. The analysis includes information on 52 companies from different industrial sectors and 4 different regions (Belgrade, Nis, Cacak and Novi Pazar) in Serbia. Both Report and Questionnaire are available at the DualEdu website: https://dualedu.eu/en/activities/academic/Study%20visits/Study%20visits%20to%20EU%20partners



WP1 - *Research and needs analysis*



WP1 - *Research and needs analysis – next steps?*

The activities in WPI were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing (this, sequentially caused the delay of all related activities). Nevertheless, all activities are carried out during the first eight months of the project duration with higher number of key performance indicators than planned by the project proposal. The only discrepancy from original work plan is the **visit to POWMIO company** (Germany) which was, in agreement with Project Officer postponed to WP 4 and the second year of project duration. The same goes for **at least one more study visit (UDL, Spain)** which needs to be organized in order to achieve the minimal indicator of project progress (6 study visits) stated in the Logical Framework Matrix of the Project application

WP2 - Flexible and generic Dual Higher Education Model (DHEM) for Serbia

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
2.1	Development of a flexible and generic Dual Higher Education Model for Serbia	The document Flexible and generic Dual Higher Education Model (DHEM) for Serbia that summarizes the needs and requirements of different stakeholders in DHE (companies, HEIs, students) is generated. This document presents a basis for generation of specific DHE programmes.	1 Flexible and generic Dual Higher Education Model (DHEM) for Serbia is developed (DEV 2.1) and published on the DualEdu project website: https://www.dual.edu.rs/en/about-us/development-and-evaluation
2.2	Conference on DualEdu added value on industrial sector	The Conference on dual education added value on industrial sector is held in Niš, with involvement of representatives of partner countries and representatives of companies from industrial sector. Due to experience from programme countries and needs of domestic industrial sector, it shown the benefits of DualEdu on industrial sector with emphasis on improvement of competencies of DHE students.	1 Conference on DualEdu added value on industrial sector is realized, in Niš, Serbia, June 2018 ¹⁸ . The conference was attended from 21 representatives of the companies, 8 representatives of the students and 24 partners from partners institutions. 3 Attendance lists, 1 detailed Report (DEV 2.2), presentations and materials are available at the DualEdu Project website: https://www.dual.edu.rs/en/about-us/development-and-evaluation/10-the-conference-20-06-2018-09 Photos from the conference are available at the gallery: https://www.dual.edu.rs/en/about-us/development-and-evaluation/10-the-conference-20-06-2018-09
2.3	Discussion Forum on the proposed DHEM model with the key stakeholders and policy makers	Discussion Forum on the proposed DHEM model is held in Belgrade and it gave an opportunity to consortium obtain public opinions and ideas of key stakeholders and policy makers regarding flexible and generic DHEM. Different viewpoints on the subject.	1 Discussion Forum on the proposed DHEM model is realized, in Belgrade, Serbia, December 2018 ¹⁹ . The conference was attended by 14 participants from Serbian project team and 27 key stakeholders' and policy makers' representatives. 1 Attendance list, 1 Minutes of the meeting, 1 detailed Report (DEV 2.3), presentations and materials are available at the DualEdu Project website: https://www.dual.edu.rs/en/about-us/development-and-evaluation/11-the-discussion-forum-on-the-dual-edu-model-12-2018 Photos from the Forum are available at the gallery: https://www.dual.edu.rs/en/about-us/development-and-evaluation/11-the-discussion-forum-on-the-dual-edu-model-12-2018



WP2 - *Flexible and generic Dual Higher Education Model (DHEM) for Serbia – next steps?*

The activities in WP2 were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing. Nevertheless, **all activities are carried out during the first half** of the project implementation so they will not affect the successful realization of the activities planned for the second half.



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*



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Анализа одредаба Закона о раду
у смислу радног ангажовања студената
ради стицања знања кроз рад

Prof. Dr-ing. Nenad Džinić, tel. +381-44-207-100
Dr-ing. Zorica Milićević, +381-44-58-62-695



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Project acronym:	DUALEDU
Project full title:	Implementation of Dual Education in Higher Education of Serbia
Project file:	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP-(2017-002-001-001)
Funding scheme:	ERASMUS+
Project start date:	October 15, 2017
Project duration:	36 months

Abstract:	This document contains amendments to the accreditation standards regarding dual study programs in higher education. Accreditation standards must be in line with the Law on Higher Education of Serbia and Law on Dual Education.
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Title of document:	Amendments regarding the Law on Higher Education of Serbia
Work package:	WP3: Creation of Legal and Other Conditions for Implementation of DHE in Serbia
Activity:	3.3 Creating amendments to the Labor Law
Last version date:	06/11/2020
File name:	Amendments to the Labor Law
Number of pages:	3
Classification level:	National

Sent for
Analysis to
all partners
from Serbia
at
November
10th!



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*



Sent to the
Ministry of
Finance of
Republic of
Serbia at
November
12th!

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



EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
3.4.	Discussion forum on draft proposals of amendments	15/10/2019	14/11/2019	At one of the participating organisations from Serbia	Organisation of the Discussion Forum on draft proposals of amendments	One Discussion forum on draft proposals of amendments for national Law on Dual Education in Higher Education in Serbia is held in Kragujevac in December 2020 th
3.5.	Recommendations to HEIs in Serbia on how to implement DHE	15/04/2019	14/10/2020	At all participating organizations	Research, preparation and writing of the Recommendations to HEIs in Serbia on how to implement DHE. This document will synthesize the findings of pilot tests of the specific DHEMs and provide recommendations and guidelines to all Serbian HEIs for implementation of DHE	The Recommendations to HEIs in Serbia on how to implement DHE are published on project web site <u>Will be prepared according to the results of analysis of pilot study programs</u>



December 22nd, 2020












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EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP
IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

WP4 - *Pilot testing of the flexible and generic DHEM*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
4.1.	Identification and conceptual definition of specific DHEMs	At least 6 documents for 6 specific DHEMs (at least one per participating HEI) is being developed. The documents will describe the concepts of specific DHEMs and will represent a basis for presentation of specific DHEMs to companies.	Each of Serbian HEI partner has partially specified its specific DHEM for pilot testing.
4.6.	Purchase of equipment	A large part (over 90%) of equipment for pilot testing is purchased and installed at the Serbian HEIs	1 Tendering procedure for equipment procurement was started in October 2018th. Out of 22 Equipment Lots (in total), only five didn't receive any offers (rest of them are to date delivered and installed in 5 Serbian HEIs) – so procurement procedure is already successfully finished for 15 Equipment Lots. The relaunch of the remaining five Lots is also completed and finished. 1 New set of tendering documents is available at the website of the Project Coordinator: http://www.btc.ac.rs/k2/interakcija/obavestaji/index.php UNS relaunched and finished procurement of one more additional Lot!














December 22nd, 2020

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WP4 - Pilot testing of the flexible and generic DHEM – next steps?

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
4.2.	Presenting specific DHEMs to companies and making agreements for participation	15/04/2019	14/01/2020	At all participating organizations from Serbia	Each HEI will present the concepts of specific DHEMs to at least 10 selected companies	Concepts of specific DHEMs presented to at least 10 companies per HEI UB completed the presentation of the DHEM to companies. The Reports in free form are expected from all partners!
4.3.	Planning of pilot testing of specific DHEMs	15/04/2019	14/01/2020	At all participating organizations from Serbia	Each HEI partner from Serbia signs agreement for participation in pilot testing of specific DHEM with at least one company	At least 5 companies involved in pilot testing are known UB signed agreements with more than 10 companies. The scanned Agreements are expected from all partners!
4.4.	Pilot implementation and testing of specific DHEMs	14/09/2019	14/06/2020	At all participating organizations from Serbia	HEIs develop detailed plans for pilot testing of specific DHEMs in cooperation with contracted companies. This plan will include the creation of the template of the three-lateral contract between students, company and HEI.	Plan for pilot testing is accepted by HEIs authorities 6 HEIs are ready for implementation of pilot testing UB started with the implementation of pilot (at October 1st 2020).



WP4 - Pilot testing of the flexible and generic DHEM – next steps?

Табела 5.16. Распоред предмета по семестру и годишња студира за студира другог степена студира: MAC, MCC и CAC

Редни број	Шифра	Назив	Сем.	Академска година				Сем.	ECTS	Обавеза/Изборна	Тип предмета
				П	Б	ДОН УЧ Јед. час по год	Укупно по год				
ПРВА ГОДИНА											
1.	9000	Увод у пројекатне системе	План	45	20				6	О	Техничко-методолошки
2.	9001	Сарадња напредних и напредних организација	План	30	45				6	О	Техничко-методолошки
3.	9002	Системи за контролу квалитета: ISO 9001	План	30	45				6	О	Техничко-методолошки
4.	9003	Роботика и интелектуалне машине	План	45	15	15/24			6	О	Стручно-апликативни
5.	9004	Аутоматизација и процесне линије	План	45	30				6	О	Техничко-методолошки
6.	9005	Примена нових технологија у индустрији	Други	45	30				6	О	Техничко-методолошки
7.	9006	Математичко учење математичког развоја система	Други	30	15	30/45			6	О	Научно-стручни
8.	9007	Напредна физика система	Други	45	15	15/24			6	О	Стручно-апликативни
Укупно изабрани предмети (MAC) (студенти: Бира 1 предмет)				30	30-45	15-24			6		
9.	9012	Дисциплинарне системе и управљање	Други	30	30	25/24			6	И	Стручно-апликативни
10.	9013	Управљање логистиком система	Други	30	45				6	И	Стручно-апликативни
11.	9014	Дисциплинарне системе и управљање	Други	30	30	15/24			6	И	Стручно-апликативни
Укупно изабрани предмети (MCC) (студенти: Бира 1 предмет)				30	45				6		
12.	9016	Пројекатна организација	Други	30	45				6	И	Научно-стручни
13.	9015	Математичко учење	Други	30	45				6	И	Научно-стручни
14.	9017	Увод у биоинформатику	Други	30	45				6	И	Научно-стручни
15.	9018	Пројекатна организација	Други	30	45				6	И	Научно-стручни
Укупно часова (предавања+часови, ДОН, семинари) и ЕСТБ по години				171	300	60-75	96-120		60		
Укупно часова изабраних предмета по години				47-57	75						
Укупно радних сати ученика кроз ред и изабрани				0-120							
ДРУГА ГОДИНА (НАПРЕДНА ГОДИНА)											
16.	9008	Информатика за контролу квалитета система по индустрији и др.	Трети	45	30				6	О	Техничко-методолошки
17.	9016	Пројекатна организација	Трети	30	45				6	И	Научно-стручни

WP4 - Pilot testing of the flexible and generic DHEM – next steps?

[illegible]

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**EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP
IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA**

WP4 – Pilot testing of the flexible and generic DHEM – next steps?

At the moment 14 students are enrolled!



The screenshot shows the website for the Master of Science in Industrial Engineering at the University of Belgrade. It highlights the multidisciplinary nature of the program, involving both the Faculty of Mechanical Engineering and the Faculty of Mathematics. The website also mentions the program's focus on Industry 4.0 and its relevance for the Serbian economy.

<http://i40.mas.bg.ac.rs/>

WP4 - *Purchase of equipment – next steps?*

ZADUŽENJE OPREME PO ERASMUS DUALEDU PROJEKTU – Laboratorije za Ispitivanje Mešinskih Pločnata i Sistem
(/IMFSL)

I.O.		opis/specifikacija	količina	datum	zadovoljenje	inventarski broj	pojava
1	1	Televizijski kabljevi FLUXE T82S INFRARED, CAMERA	1	27/03/2019	Prot. o Radovno Mirovni / 1545	00568	
	1	Televizijski kabljevi, digitalni, nepropisno izrađeni T82S S22S	1	27/03/2019	Prot. o Radovno Mirovni / 1545	00569	
	1	Zincovni priključak za neopremljeni Letovno Istra-Centri 520-2/4 AB-in-Ome (Black)	1	27/03/2019	Prot. o Radovno Mirovni / 1545A	00567	
	1	Zincovni priključak za neopremljeni Letovno Istra-Centri 520-2/4 AB-in-Ome (Black)	1	27/03/2019	Prot. o Radovno Mirovni / 1545	00566	
	1	Zincovni priključak za neopremljeni Letovno Istra-Centri 520-2/4 AB-in-Ome (Black)	1	27/03/2019	Prot. o Radovno Mirovni / 1545	00565	
	1	TPP PIRB006 450 G3	1	27/03/2019	Prot. o Radovno Mirovni / 1545A	00564	
	1	Emisni regulatori Epson Uae	1	27/03/2019	Prot. o Radovno Mirovni / 1545A	00563	
	1	Talijani priključak, kabljevi, T82S A 10 S	1	27/03/2019	Prot. o Radovno Mirovni / 1545	00562	
	1	Talijani priključak, kabljevi, T82S A 10 S	1	27/03/2019	Prot. o Radovno Mirovni / 1545A	00561	
	10	Talijani Acer Aspire 7 A717-F20	1	27/03/2019	Prot. o Radovno Mirovni / 1545A	00560	
	1	Zincovni priključak za neopremljeni Letovno Istra-Centri 520-2/4 AB-in-Ome (Black)	1	27/03/2019	Proc. o Zakon Mirovni / 1549	00549	

+ kartice osnovnih sredstava
itd.

WP5 - *Quality Assurance and Monitoring*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
5.1.	Creating quality and evaluation strategy and project quality monitoring	The quality and evaluation plan which includes project processes, policies, goals and Management Quality Manual is created. Quality Manual include chapters related to preventive and corrective measures of the project, hierarchy of responsibilities, communication flows and decision making, PR strategy and communication with external parties.	1 Quality and evaluation strategy is developed and published in the 1 document titled 'Quality Control and Monitoring Manual' which is constantly being improved. It is also published on the DualEdu project web site: https://dualedu.eu/en/oc/index.php/projects/quality-and-control
5.2.	Preparation of the interim evaluation report	Interim evaluation report which contains the results of the implementation of the DualEdu project, project key performance indicator evaluation and project goal success rate evaluation is developed.	1 Interim Evaluation Report successfully delivered to EC. All recommendations are fully followed (website dedicated to students, Quality strategy etc.).

WP5 - *Quality Assurance and Monitoring – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
5.1	Creating quality and evaluation strategy and project quality monitoring	15/10/2017	14/10/2020	At all participating organizations	Continuous project quality monitoring	0 unnecessary delays, 0 of the project goals unfulfilled
5.3	Preparation of the final evaluation report	15/07/2020	14/10/2020	University of Belgrade	Final evaluation report will be quality assurance report as executive summary of quality assurance throughout the whole project.	1 Final Evaluation Report is prepared and published on the project web site

- + ONE REPORT FROM EXTERNAL EXPERT (already hired – Prof. Ph.D. Petar Marić)!
- + Developed Dual Education study modules should be assessed by foreign partners – two per study module/programme!

WP6 - Dissemination and Exploitation of Results

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
6.1	Defining dissemination and exploitation plan	Definition and preparation of the dissemination plan. This document starts with the plan of visual identity of project (logo, site, motto) and then contains strategy on dissemination which predominantly describes all dissemination activities (conference, printing promotion material...), along with time table and allocation of responsibilities within the involved partners	1 Dissemination and Exploitation Plan is prepared and published on the DualEdu project web site: https://dualedu.ef.uns.ac.rs/images/stories/2020/06/06/1-Dissemination-and-Exploitation-plan-v-5.1.pdf
6.2	Preparation of dissemination products	Visual identity of the project is created: Project logo, project web site, project motto. Afterwards, all partners organize dissemination events in their own contexts in order to raise public awareness of the DualEdu issues.	The following dissemination products are developed and constantly used by consortium: 1 logo, 1 Roll-up banner, 1 project website, 1 Trello platform. DualEdu dissemination products are available at the: https://dualedu.ef.uns.ac.rs/index.php/download/category/5-visual-identity Website dedicated for students is also prepared (as well as presentations on social networks). The project is presented to the public in at least 8 occasions (conferences, forums etc.). 1 TV interview and 3 publications. More at: https://dualedu.ef.uns.ac.rs/index.php/events-and-activities?limitstart=0



WP6 – Lead partner: UNS (Mirko Savić)



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WP6 - *Dissemination and Exploitation of Results – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
6.2	Preparation of dissemination products	15/10/2017	14/10/2020	At all participating organizations	Visual identity of the project was created in initial phase: Project logo, project web site, project motto. Afterwards, all partners organize dissemination events in their own contexts in order to raise public awareness of the DualEdu issues.	Dissemination products are printed and presented to the public, in as many as occasions as possible, and appropriate news shown at the DualEdu project website: https://dualedu.ef.uns.ac.rs/index.php/events-and-activities?limitstart=0 <u>Proceedings from the project realisation should be united and printed as a book!</u>
6.3	Preparation of the interim dissemination and exploitation report.	15/04/2019	14/07/2019	University of Novi Sad	Reports on interim dissemination and exploitation as steady activity throughout project duration. All partners organize dissemination events in their own contexts which follow the project goals.	IDER published on the project Web site
6.4	Preparation of the final dissemination and exploitation report	15/07/2020	14/10/2020	University of Novi Sad	This report will summarize the interim reports with reached achievements of dissemination due to project goals.	FDER published on the project web site
6.5	Final Conference	15/08/2020	14/10/2020	University of Belgrade	Organizing a final conference with the aim of demonstrating the overarching achievements of the project and the complexity of project work having been carried out, with a special emphasis on the main aim of the project i.e. the setting up DHE programs in Serbia.	Proceedings from the Final Conference published on the project web site



Analysis of the Project Implementation by Working Packages – WP6 – Lead partner: UNS (Mirko Savić)

Next steps?

- Regularly **updating news** on the project web-site (please inform colleagues from NS about provided activities) and on the social networks
- Publishing **all the documents** (reports drafted till now, dissemination plan and quality plan, etc.) on the project web-site

...INCLUDING THE MISSING ONES!



WP7 - *Project management*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
7.1	Overall project management	Efficient overall project management.	6 Reports on overall project management prepared and published at the Project Trello platform (DEV 7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, 7.1.6 and 7.1.7) https://trello.com/c/90QHT9X/20-71-overall-project-management 1 successful monitoring visit by the national Erasmus office of Serbia, presented at the: https://dualedu.ef.uns.ac.rs/index.php/download/category/16-belgrade-monitoring-visit-19-06-2018
7.2	5 Steering Committee meetings	Preparation and organisation of the successful Steering Committee meetings	4 Steering Committee meetings are held. First one in Belgrade, December 2017 th – during the kick off meeting, the second one – in Kragujevac, July 2018 th , the third one in Novi Sad, June 2019 th . And the forth one in Niš 3-4 March 2020. 4 detailed Reports, Attendance lists , presentations and materials should be available at the DualEdu Project website – PLEASE CHECK!
7.3	7 Local Committee meetings	Preparation and organisation of the successful Local Committee meetings	5 Local Committee meetings are held. First one in Belgrade, December 2017 th – during the kick off meeting, the second one – in Niš, June 2018 th , the third one in Novi Sad, June 2019 th , forth one in Novi Pazar, October 2019 th and fifth one in Kragujevac, December 2019 th . https://dualedu.ef.uns.ac.rs/index.php/download/category/15-local-committee-meeting-in-nis-14-06-2018
7.4	Monitoring and interim report	Preparation of the Interim Report	1 Interim Technical Report prepared and uploaded to the EC website



Study visits plan for 2021:

1. Mobility during June-July 2021 – **Lleida (7 days)** – ALL PARTNERS FROM SERBIA WITH LEFTOVER TRAVEL FUNDS
2. Mobilities in RS: **bilateral meetings** between partners (preparation of the FINAL REPORT)
3. Two Local Committee meetings: before the end of the Project, partners from Serbia, **at least one partner institution + Belgrade** (Final conference)



WP7 - *Project management – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
7.1	Overall project management	15/10/2017	14/10/2020	At all participating organizations	Efficient overall project management.	6 new Reports on overall project management
7.2	5 Steering Committee meetings	15/10/2017	14/10/2020	At different participating organizations from Serbia	Preparation and organisation of the successful Steering Committee meetings	1 Steering Committee meetings should be held before the end of the project – <u>in Belgrade in August 2021st</u>
7.3	7 Local Committee meetings	15/11/2017	14/10/2020	At different participating organizations from Serbia	Preparation and organisation of the successful Local Committee meetings	2 Local Committee meetings should be held before the end of the project – <u>one in Belgrade in August 2021st</u>
7.5	Preparation of final report	15/09/2017	14/10/2020	University of Belgrade	Preparation of Final Report.	1 Final Project Report prepared and delivered to the EC Commission



What do we need for the Final Report preparation?

...the same like for the Interim Report
(Financial Statement etc.) + FULL SET of
supporting documents!



Discussion?

THANK YOU FOR
YOUR ATTENTION!



Parole: *ON THE ROAD TO SUCCESS, THERE ARE
NO SHORTCUTS*



STEERING MANAGEMENT COMMITTEE

Sastanak menadžementa projekta / 2

Prof. Dr.-Ing. Nenad Zrnić

Dr.-Ing. Žarko Mišković

Dr.-Ing. Sanja Šešlija

Belgrade, 22. December 2020.



FH JOANNEUM
University of Applied Sciences



December 22nd 2020.

1



Total budget per partner	123409	99102	121732	138180	118425	32027	33005	24300	22865	35686	28420
	Kragujevac	Viser	UNS	Metropolitan	DUNP	POWMIO	FORMASUP	NI-CAT	Spoleczna Akademia Nauk	FH Joanneum Gesellschaft	Universidad de Lleida
	13,654.50	7,771.00	12,816.00	7,465.00	11,162.50	16,013.50	16,502.50	12,150.00	11,432.50	17,843.00	14,210.00
	48,102.00	6,585.00	41,083.00	62,574.82	47,578.00		6,601.00	4,860.00		7,137.20	
	24,681.80	6,286.00	24,346.40	27,636.00	23,685.00		23,103.50	17,010.00		24,980.20	
	24,681.80	9,275.59	5,689.53	97,675.82	82,425.50						
Realized payments	111,120.10	19,076.28	83,934.93								
		19,820.40									
		19,820.40									
		88,634.67									
Future payment	12,288.90	10,467.33	37,797.07	40,504.18	35,999.50	16,013.50	9,901.50	7,290.00	11,432.50	10,705.80	14,210.00
Budget											
Spent(Staff)											
Ministry of Education, Science and Technological Development	28550	6270									
National Council for Higher Education	24222										



2



WHAT IS NEXT?

☐ Updated Annex VI



- ☐ Request for the second instalment of the second pre-financing
- ☐ Preparation of the supporting documentation (for the claimed costs)
- ☐ Uploading all the appropriate documents to the project platform (as signed and stamped true copies)
- ☐ Sending it in printed form to the address of the University of Belgrade



Supporting documentation

Please be careful because some of the documents that you will be sending are needed to be originals

For Staff Costs:

- JOINT DECLARATION (ANNEX II) for each person employed SIGNED & filled ORIGINAL
- TIME-SHEETS (attached to each staff convention), indicating number of days worked for corresponding month/year, description of tasks, outputs produced and related work package SIGNED & filled ORIGINAL
- ANY EVIDENCE allowing to verify that declared workloads correspond to actual activities/outputs (e.g. attendance lists for lectures given, tangible outputs /products, salary slips, etc.) Certified copy
- EMPLOYMENT CONTRACT Certified copy- PROOF OF PAYMENT (net + taxes) Certified copy
- CALCULATION OF COSTS
- PAYSIP
- TAX STATEMENT (if applicable by national law) Certified copy



For travel costs and costs of stay:

- Individual travel report (ITR) - SIGNED & filled – ORIGINAL
- Table of specification of travel and stay costs Certified copy
- Travel order/decision (if applicable) Certified copy
- Proof that the trip actually took place (e.g. travel tickets, boarding passes, invoices, receipts, attendance lists, agendas, etc) Certified copy
- Invoices for air tickets, hotel etc. - proof of payment for travel costs (bank statement) Certified copy
- Proof of payment for stay costs (bank statement) Certified copy
- Proof of payment for taxes (if any) Certified copy



For Equipment :

- Documentation on the tendering procedure and three quotations (certified copy)
- Proof that equipment is properly registered in the inventory of the institution concerned (inventory list) (certified copy)
- Invoice (order forms, pro-forma invoices, quotations or estimates are not considered as proof of expenditure) (certified copy)
- Pro forma invoice
- VAT exemption statement (certified copy)
- Proof of payment (bank statement) (certified copy)
- Contract with supplier (certified copy)



Subcontracting costs:

- Documentation from the conducted procurement procedure
- Contract with selected supplier
- Pro forma invoice
- Proof of payment (bank statement)
- Proof of payment for taxes (if any)



Questions





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of the European Union



FIFTH STEERING COMMITTEE MEETING OF THE PROJECT

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

MINUTES OF THE MEETING

contacts:

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

Dr.-Ing. Žarko Mišković, tel: +381-64-18-32-989

Dr.-Ing. Sanja Šešlija, tel:+381-60-62-62-612

Project acronym:	DUALEDU
Project full title:	Implementation of Dual Education in Higher Education of Serbia
Project No:	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP (2017-2962/001-001)
Funding scheme:	ERASMUS+
Project start date:	December 22, 2020
Project duration:	36 months

Abstract	This report represents the minutes of the Fifth Steering Committee meeting
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Title of document:	Fifth DualEdu steering committee meeting – Minutes of the meeting
Work package:	WP 7: Management
Activity:	7.2. Steering Committees Meetings
Last version date:	22/12/2020
File name:	
Number of pages:	3
Dissemination level:	Consortium

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision description	Partner responsible
v.1.0	24/12/2020	Creation of the first draft	UB (Sanja Seslija)
v.1.1	30/12/2020	Revision and approval of first draft	UB (Žarko Mišković)

DISCLAIMER

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Activity Date: 22/12/2020

Organizer: University of Belgrade

Location: Zoom platform

Present: 18 participants from partner organizations

Report:

The meeting was opened at 10:00 on Tuesday, December 22, 2020 by Prof. dr Nenad Zrnic, project coordinator, UB. Due to COVID 19 travel restriction this meeting was organized virtually using Zoom platform. Prof. dr Nenad Zrnic opened the meeting, welcomed participants and introduced them with meeting agenda.

Prof. Dr Nenad Zrnic informed the SC members about the meeting he had with the representatives of The Ministry for Education, Science and Technological Development of the republic of Serbia. Prof. Dr. Mirko Savic, UNS, also shared his cognition about the procedural stage of adoption of the proposed Dual Higher Education Model for Serbia. The short discussion about received feedback was initiated by Prof. dr Dragan Domazet, Metropolitan University. It was followed by the presentation of the Report on the overall project realization prepared and given by Dr. –Ing. Zarko Miskovic, UB, project administrator.

He introduced the participants with planned and realized activities on the project, as well as with the action plan for the further activities. The Financial aspects of the project were analyzed through the presentation prepared and given by Dr.-Ing. Sanja Seslija, UB. She introduced the SC members about the current financial status of all participating institutions as well as about obligations that has to be fulfilled till the end of the project. She closely defined administrative procedure for preparation of documentation required for delivering of the Final project report.

All partners agreed to deliver scanned agreements with companies interested to participate in the pilot testing of the specific Dual Higher Education models. All project related materials (administrative documentation, teaching materials, dissemination reports) will be updated and uploaded to the project website.

After the discussion and concluding remarks from prof. dr Nenad Zrnic, project coordinator, Steering Committee was closed at 11:30.

Zoom Meeting

Participants (18)

Find a participant

Zarko Miskovic pro 2040, maj

Milica Savic, UFG

Nenad Zivic

Stefan Dacic

Hajduk Veljko Institut

UFG

Bjanka Todorovic

Dragan Glasnost

Ferhan Badic - UFG

Marko

Stefan Thulke

Kristina Mijic

Maja

Milica Savic

Nenad Zivic

Sergio Sarda

Wesley Mardic

Aleksandra DAJIC

Recording...

all Milica Savic, UFG

100%

22.12.2024

Zoom Meeting

Participants (18)

Find a participant

Zarko Miskovic pro 2040, maj

Nenad Zivic

Sergio Sarda

Milica Savic, UFG

Hajduk Veljko Institut

UFG

Bjanka Todorovic

Ferhan Badic - UFG

Marko

Stefan Thulke

Kristina Mijic

Maja

Milica Savic

Nenad Zivic

Sergio Sarda

Wesley Mardic

Aleksandra DAJIC

Dragan

Recording...

all Dragan Glasnost

100%

22.12.2024

Zoom Meeting

Participants (10)

Find a participant

Zarko Miskovic...

Dragan Gerasim...

Ferran Badia - U...

Walter Thaler

Harold Stenbo...

Recording

10:10 AM (11/11/2024)

Participants (10)

- Zarko Miskovic (pro) (M)
- Sara Sestak (S)
- Dragan Gerasim...
- Walter
- Josina Munkic
- Harold Sten...
- Suzana Petrovic
- Dajana
- Ferran Badia - U...
- Dragan Geras...
- Harold...
- Walter Thaler
- Erindira Muj...
- Maja
- Mladen Vrbic
- Nenad STAMAC

Scale

Unmute Me

10:10 AM (11/11/2024)

Sixth Steering Committee meeting – Belgrade,
July 2021st



University of
Belgrade



**Implementation of Dual Education in Higher Education of
Serbia**

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia

email: nznrc@mas.bg.ac.rs



Faculty of Mechanical
Engineering



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SPÓŁECZNA AKADEMIA NAUK



**Co-funded by the
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of the European Union**



AGENDA

FINAL CONFERENCE / LOCAL AND STEERING COMMITTEE MEETING

**University of Belgrade – Faculty of Mechanical engineering, Kraljice Marije 16, 11120 Belgrade 35,
Serbia**

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

contacts: Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193
Dr.-Ing. Žarko Mišković, +381-64-18-32-989

DAY I

**08.07.2021. University of Belgrade – Faculty of Mechanical engineering, Kraljice Marije 16, 11120
Belgrade 35, Serbia**

Part I

Final Conference - representatives of ALL partners

08 ³⁰ – 09 ⁰⁰ h	Registration of the participants	All partners and present participants
---------------------------------------	----------------------------------	---------------------------------------

09 ⁰⁰ – 09 ¹⁵ h	Welcome speech	Prof. dr. Nenad Zrnić
09 ¹⁵ – 09 ⁴⁵ h	Project presentation at the overall level – analysis of planned/achieved results	Asst. Prof. dr. Žarko Mišković
09 ⁴⁵ – 10 ⁰⁰ h	Coffee break	All present participants
10 ⁰⁰ – 10 ³⁰ h	Presentation of the developed dual study model at the University of Belgrade	Prof. dr. Nenad Zrnić Asst. Prof. dr. Žarko Mišković Ph.D. Sanja Šešlija
10 ³⁰ – 11 ⁰⁰ h	Presentation of the developed dual study model at the Metropolitan University	Prof. dr. Dragan Domazet
11 ⁰⁰ – 11 ³⁰ h	Presentation of the developed dual study model at the University of Kragujevac	Prof. dr. Vesna Mandić
11 ³⁰ – 12 ⁰⁰ h	Presentation of the developed dual study model at the University of Novi Sad	Prof. dr. Mirko Savić
12 ⁰⁰ – 12 ³⁰ h	Presentation of the developed dual study model at the University of Novi Pazar	Prof. dr. Miladin Kostić
12 ³⁰ – 13 ⁰⁰ h	Presentation of the developed dual study model at the VISER	Prof. dr. Vera Petrović Prof. dr Goran Dikić
13 ⁰⁰ – 14 ³⁰ h	Lunch break	All present participants

Part II Local Committee Meeting - Administrative management of the DUAL EDU Project – representatives of SERBIAN partners		
14 ³⁰ – 15 ⁰⁰ h	Registration of the participants	Representatives of Serbian partners
15 ⁰⁰ – 16 ³⁰ h	Presentation of the administrative management of the project at the local level – changes in the documentation, templates for the reporting to the coordinator etc.	Prof. dr. Nenad Zrnić Asst. Prof. dr. Žarko Mišković Ph.D. Sanja Šešlija
16 ³⁰ – 17 ⁰⁰ h	Coffee break	All present participants
17 ⁰⁰ – 19 ³⁰ h	Free time	
19 ³⁰ h	<i>Dinner</i>	

DAY II

09.07.2021. University of Belgrade – Faculty of Mechanical engineering, Kraljice Marije 16, 11120 Belgrade 35, Serbia		
Part I		
Steering Committee Meeting – representatives of ALL partners		
10 ³⁰ – 11 ⁰⁰ h	Registration of the participants	Representatives of all partners
11 ⁰⁰ – 11 ³⁰ h	Project Management at the overall project level – analysis of planned/achieved results	Prof. dr. Nenad Zrnić Asst. Prof. dr. Žarko Mišković
11 ³⁰ – 12 ¹⁵ h	Definition of the Work plan for the final period of the project realisation – remaining activities	Prof. dr. Nenad Zrnić
12 ¹⁵ – 12 ⁴⁵ h	Coffee break	All present participants
12 ⁴⁵ – 13 ³⁰ h	Analysis of the financial aspects of the project – budget effectiveness	Ph.D. Sanja Šešlija
13 ³⁰ – 14 ⁴⁵ h	Analysis of the results of the project external evaluation	Prof. dr. Nenad Zrnić Asst. Prof. dr. Žarko Mišković Ph.D. Sanja Šešlija
14 ⁴⁵ – 15 ³⁰ h	Lunch break	



STEERING COMMITTEE MEETING – Planned and realised activities

Prof. Dr.-Ing. Nenad Zrnić

Dr.-Ing. Žarko Mišković

Dr.-Ing. Sanja Šešlija

Belgrade, 09. July 2021.



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University of Applied Sciences



July 9th 2021.

1

Project management – status on 8th of July 2021

- Transfer of the first and second installment to partners – **finished**
- Transfer of installment for equipment costs – **UNS relaunched and finished ONE more equipment procurement (equipment procurement is finished)**
- Project external revision is in progress – **soon it will be finished (hopefully with positive feedback)**
- Project is extended till **August 14th 2021 – WE HAVE TO FINISH THE FINAL REPORT**

Project management – status on 8th of July 2021

Analysis of the Action Plan: Planned/Realized Activities by Working Packages

WP1 - *Research and needs analysis – next steps?*

The activities in WP1 were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing (this, sequentially caused the delay of all related activities). Nevertheless, all activities are carried out during the first eight months of the project duration with higher number of key performance indicators than planned by the project proposal. The only discrepancy from original work plan was the **visit to POWMIO company** (Germany) which was, in agreement with Project Officer postponed to WP 4 and the second year of project duration. The same goes for **at least one more study visit (UDL, Spain)** which will be organized **next week** in order to achieve the minimal indicator of project progress (6 study visits) stated in the Logical Framework Matrix of the Project application



WP1 - Research and needs analysis

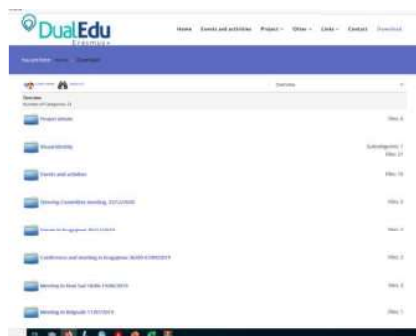
Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
1.1	Analysis of EU practices and experiences	Review of EU and worldwide best practices and experiences in DHE is performed and results are presented in the appropriate Report	1 Report on the state-of-the-art DHE is prepared (DEV 1.3). It included the results of the survey of 10 DHE programmes from EU and worldwide (Germany, Hungary, Italy, Austria, United Kingdom, Portugal, Poland, Slovakia, France and Switzerland) in different industrial sectors. Report is publicly available at the DualEdu project website: https://dualedu.ef.uns.ac.rs/index.php/project/innovation-and-excellence
1.2	Study visits of EU partners	Transfer of knowledge and skills from programme countries institutions to Serbian HEIs is performed – through study visits to EU partners institutions	21 staff members from Serbian partner institutions carried out study visits to FORMASUP company, Lille, France (March 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.1), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/project/innovation-and-excellence/15-03-22-03-2018 18 staff members from Serbian partner institutions carried out study visits to University de Lleida, Lleida, Spain (April 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.2), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/project/innovation-and-excellence/11-march-2018 20 staff members from Serbian partner institutions carried out study visits to FH Joanneum, Graz, Austria (May 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.3), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/project/innovation-and-excellence/18-may-2018 20 staff members from Serbian partner institutions carried out study visits to University of Social Sciences (UoS), Lodz, Poland (May 2018 th). Attendance lists, 1 detailed Report (DEV 1.2.4), presentations and materials are available at the DualEdu Project website: https://dualedu.ef.uns.ac.rs/index.php/project/innovation-and-excellence/11-may-2018 1 Report (DEV 1.2) which synthesise experiences from all listed study visit is also written and available at the: https://dualedu.ef.uns.ac.rs/index.php/project/innovation-and-excellence 16 staff members from Serbian partner institutions carried out study visits to PowMio, Karlsruhe, Germany (September 2019 th). Website should be updated as well as Attendance lists, Agenda, 1 detailed Report (DEV 1.2.4) One more study visit (UDL, Spain) will be organised before the end of the project - Website should be updated as well as Attendance lists, Agenda, 1 detailed Report (DEV 1.2.5) After the visits – DEV 1.2 Report (which synthesise experiences from all listed study visit should be also updated
1.3	Survey of companies needs for DHE in Serbia	Gathering of information, systematisation and analysis of needs and recommendations regarding Serbian companies' needs for DHE	The 1 Questionnaire with questions about the needs of Serbian companies for DHE is prepared. The 1 Report (DEV 1.3) that includes the results of the analysis of Serbian companies' needs for DHE is generated. The analysis includes information on 52 companies from different industrial sectors and 4 different regions (Belgrade, Nix, Čačak and Novi Pazar) in Serbia. Both Report and Questionnaire are available at the DualEdu website: https://dualedu.ef.uns.ac.rs/index.php/project/innovation-and-excellence



WP1 – Check the website if all the documents for meetings held in your institution are available

No.	Destination	Date	Description	Management meetings	Agenda	Minutes
1	Belgrade	11-12.12.2017.	Kick off	SC meeting	YES	YES
2	Belgrade	6.3.2018.	Meeting at BMU		YES	YES
3	Lille	20-21.3.2021.	Study visit		YES	YES
4	Lleida	18-19.4.2021.	Study visit		YES	YES
5	Graz	3-4.5.2021.	Study visit		YES	YES
6	Lodz	20-21.5.2018.	Study visit		YES	YES
7	Belgrade	28.6.2018.	Seminar, Metropolitan			
8	Nis	14-15.6.2018.	Conference	LC meeting	YES	
9	Belgrade	19.6.2018.	Monitoring visit			YES
10	Kragujevac	4-5.7.2018.	Meeting	SC meeting	YES	YES
11	Belgrade	18.12.2019.	Forum		YES	YES
12	Belgrade	11.1.2019.	Analysis of the proposed Law on DE		YES	
13	Novi Sad	18-19.2019.	Meeting	LC+SC meeting	YES	YES
14	Kragujevac	6-7.9.2019.	IRMES			
15	Karlsruhe	22-25.9.2019.	Study visit		YES	
16	Novi Pazar	28-30.10.2019.	Meeting	LC meeting	YES	
17	Kragujevac	5.12.2019.	Discussion forum		YES	YES
18	Nis	3-4.3.2020.	Meeting	LC+SC meeting	YES	YES
19	Online SC meetin	22.12.2020.	Meeting	SC meeting	YES	YES
20	Belgrade	19-20.4.2021.	UNS visit to UB		YES	YES
21	Novi Pazar	28.4.2021.	UB visit to DUNP		YES	YES
22	Nis	12.5.2021.	UB visit to NIKAT		YES	YES
23	Kragujevac	18.5.2021.	UB visit to UKG		YES	YES
24	Novi Sad	8.6.2021.	DUNP visit to UNS			
25	Novi Sad	10.6.2021.	UB visit to UNS		YES	YES
26	Subotica	5.7.2021.	Visit to UNS		DualSci	
27	Spain	11.7.2021.				

<https://dualedu.ef.uns.ac.rs/index.php/download>



...send all missing documents
to Mirko Savic (UNS)

WP2 - *Flexible and generic Dual Higher Education Model (DHEM) for Serbia – next steps?*

The activities in WP2 were rescheduled by the Steering Committee at the kick-off meeting due to the delay in Grant Agreement signing. Nevertheless, **all activities are carried out during the first half** of the project implementation so they will not affect the successful realization of the activities planned for the second half.

WP2 - *Flexible and generic Dual Higher Education Model (DHEM) for Serbia*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
2.1	Development of a flexible and generic Dual Higher Education Model for Serbia	The document: Flexible and generic Dual Higher Education Model (DHEM) for Serbia that summarizes the needs and requirements of different stakeholders in DHE (companies, HEIs, students) is generated. This document presents a basis for generation of specific DHE programmes.	1 Flexible and generic Dual Higher Education Model (DHEM) for Serbia is developed (DEV 2.1) and published on the DualEdu project website: https://dualedu.of.uns.ac.rs/index.php/project/development-and-implementation
2.2	Conference on DualEdu added value on industrial sector	The Conference on dual education added value on industrial sector is held in Niš, with involvement of representatives of partner countries and representatives of companies from industrial sector. Due to experience from programme countries and needs of domestic industrial sector, it shown the benefits of DualEdu on industrial sector with emphasis on improvement of competencies of DHE students.	1 Conference on DualEdu added value on industrial sector is realized, in Niš, Serbia, June 2018 th . The conference was attended from 21 representatives of the companies, 8 representatives of the students and 24 persons from partners institutions. 3 Attendance lists, 1 detailed Report (DEV 2.2), presentations and materials are available at the DualEdu Project website: https://dualedu.of.uns.ac.rs/index.php/development-and-implementation/11-development-and-implementation-11-06-2018 Photos from the conference are available at the gallery: https://dualedu.of.uns.ac.rs/index.php/other/photo-gallery
2.3	Discussion Forum on the proposed DHEM model with key stakeholders and policy makers	Discussion Forum on the proposed DHEM model is held in Belgrade and it gave an opportunity to consortium obtain public opinions and ideas of key stakeholders and policy makers regarding flexible and generic DHEM. Different viewpoints on the subject.	1 Discussion Forum on the proposed DHEM model is realized, in Belgrade, Serbia, December 2018 th . The conference was attended by 14 participants from Serbian project team and 27 key stakeholders' and policy makers' representatives. 1 Attendance list, 1 Minutes of the meeting, 1 detailed Report (DEV 2.3), presentations and materials are available at the DualEdu Project website: https://dualedu.of.uns.ac.rs/index.php/development-and-implementation/11-development-and-implementation-11-12-2018 Photos from the Forum are available at the gallery: https://dualedu.of.uns.ac.rs/index.php/other/photo-gallery



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
3.1.	Creating amendments to the Law on Dual Education and Law on Higher Education of Serbia	The workgroup for Serbian Law on dual education modification is formed and the new draft version of the Law on dual model of studies in higher education is generated.	1 official workgroup (team) for Serbian Law on Dual education in HE modification is formed. 1 Draft version of the proposed amendments is prepared and submitted to the authorities (and prepared for voting in National Assembly). At the project website, the both documents are available: http://baleba.dons.ac.rs/dhe-oba/project/dissemination-and-exploitation The Law on Dual Education in Higher Education in Serbia is adopted on September 23th, 2019
3.2.	Creating amendments to the Labour Law	The workgroup for Serbian Labour Law modification is formed. Due to the changes in Serbian government policy, instead of making amendments to the Labour Law, the amendments dealing with the labour issues are integrated in the proposed draft of Serbian Law on Dual education in HE (Activity 3.1)	1 official workgroup (team) for Serbian Labour Law modification is formed and available at the DualEdu project website (DEV. 3.2): http://baleba.dons.ac.rs/index.php/project/dissemination-and-exploitation The document which explains why the amendments to the Labour Law is written and must be translated - DUNP
3.3.	Creating amendments to the Accreditation Standards	The workgroup for Serbian HEI Accreditation standards modification is formed. Due to the changes in Serbian government policy, instead of making amendments to the HEI Accreditation standards, the amendments dealing with the quality of higher education are integrated in the proposed draft of Serbian Law on Dual education in HE (Activity 3.1)	1 official workgroup (team) for Accreditation Standards modification is formed and available at the DualEdu project website (DEV. 3.3): http://baleba.dons.ac.rs/index.php/project/dissemination-and-exploitation Amendments to the Accreditation Standards are prepared (together with Elaborate) and forwarded to National Accreditation body of HEI in Serbia in January 2020th The Accreditation standards for Dual studies in Higher Education in Serbia is adopted on March 5th, 2021 http://www.pravno-informacioni-sistem.rs/SIGlasnikPortal/eli/rep/sgrs/drugidrzavniorganizacijepripravnik/2019/13/7/reg



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
3.4.	Discussion forum on draft proposals of amendments	15/10/2019	14/11/2019	At one of the participating organisations from Serbia	Organisation of the Discussion Forum on draft proposals of amendments	One Discussion forum on draft proposals of amendments for national Law on Dual Education in Higher Education in Serbia is held in Kragujevac in December 2020 th
3.5.	Recommendations to HEIs in Serbia on how to implement DHE	15/04/2019	14/10/2020	At all participating organizations	Research, preparation and writing of the Recommendations to HEIs in Serbia on how to implement DHE. This document will synthesize the findings of pilot tests of the specific DHEMs and provide recommendations and guidelines to all Serbian HEIs for implementation of DHE	The Recommendations to HEIs in Serbia on how to implement DHE are published on project web site <u>Will be prepared according to the results of analysis of pilot study programs</u> UNIKG



WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*

[illegible]

WP3 - *Creation of Legal and Other Conditions for Implementation of DHE in Serbia*

 University of Belgrade	EACEA 506029-EPP-1-2017-1-RS-EPPKAZ-CSHE-SP  DualEdu ERASMUS+ Implementation of Dual Education in Higher Education of Serbia Kraljice Marije 16, 11220 Beograd 16, Republic of Serbia email: nazor@mas.bg.ac.rs	 UNIVERSITET U BEOGRADU Fakultet Mehaničkog Inženjeringa
 FH JOANNEUM University of Applied Sciences	 SVEUČILIŠTE ARHITEKTURE BUDAPEŠTE	 PowMio Leading
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 UNIVERSITET U NOVI SADI	 UNIVERSITET U NOVI SADI	 UNIVERSITET U NOVI SADI

Анализа одредаба Закона о раду
у смислу радног ангажовања студената
ради стицања знања кроз рад

contacts: Prof. Dr.-Ing. Nenad Zrnčić, tel.: +381-63-287-193
Dr.-Ing. Žarko Miljković, +381-64-18-32-989



WP3 - Creation of Legal and Other Conditions for Implementation of DHE in Serbia



Република Србија
Министарство Образовања
Гдин, Савесна Мати, министар
Београд, Кнеза Милоша 26
11000 Београд, Србија

ПРЕДМЕТ: Предлог за допуни Закона о порезу на доходе грађана

Постављено последње Министру,

Влада Републике Србије је у Стратегији развоја образовања у Србији до 2020. године („Службени гласник РС“ бр. 107/12), као један од кључних елемената у осмисли трансформације образовања за 21. век, поставила следећи дуални образовни модел. Уставни Закон о дуалном моделу студија у високом образовању обезбеђује основне циљеве и условавањем система високог образовања са потребама тржишта рада, као и институционализују сарадњу између приватне (послодаваца) и високошколских установа.

У реализацији дуалног модела студија, наред студентима и високошколским установама уметности и послодавца, а кроз једну одговарajuћу од изабраних установа неопходно остварује сарадњу Београдског Универзитета у Србији, посебно они који организују студије у области од значаја за приватни развој, свакоко су заинтересовани за овај модел студија, али нису још били у могућности да остварују сарадњу са послодавцима – у оквиру сарадњивог финансијског подстицања, зато су то већ учествовали на неким семинарима са другим традиционалним образовним институцијама (на пример, Немачка).

Закон о дуалном моделу студија у високом образовању предвиђа материјалну и финансијску обезбеђење студентата за време учења кроз рад (члан 37. и члан 38. Закона) и овај пројекат подноси на терет послодавца (намера да учествовају карактеристично приватна физичка лица), а подстицају и обавезу плаћања пореза (по Закону о порезу на доходе грађана) и доприносима по Закону о доприносима за обавезно социјално осигурање (ЗДНО – 4% у здравствено осигурању у случају тежакте на раду и професионалне болести – 2%). Овај допринос између приватних и високошколских установа, али поди на намену за учење је 20% – што је изразито дискриминишуће. Стога сматрамо да ова намера треба да има иста пореска теретина као намера да остварују студије на учење кроз рад у дуалном образовању, и из тога је предложено да обавезу плаћања пореза на доходе грађана одговара члану 9. став 1. тачка 23.а. Закона).

Узмите у обзир претходно наведено, ПРЕДЛАЖЕМО ДОПУНИ ЗАКОНА О ПОРЕЗУ НА ДОХОДАК ГРАЂАНА јер би тиме послодавци које привлаче и студенте на раду имали потпуно исти третман у погледу финансијских облика као и остали – без дискриминације.



ПРЕДЛОГ

Закон о допуни Закона о порезу на доходе грађана

Члан 1.
У Закону о порезу на доходе грађана („Службени гласник РС“ бр. 24/01, 60/02, 60/02 – др. Закон, 13/04, 62/06, 65/05 – испр., 31/09, 44/09, 16/10, 50/11, 91/11 – одлука УС, 7/12 – усаглашени дан. Иск., 53/12, 114/12 – одлука УС, 9/13 – усаглашени дан. Иск., 43/13, 48/13 – испр., 108/13, 6/14 – усаглашени дан. Иск., 57/14, 68/14 – др. Закон, 5/15 – усаглашени дан. Иск., 112/15, 5/16 – усаглашени дан. Иск., 7/17 – усаглашени дан. Иск., 113/17, 7/18 – усаглашени дан. Иск., 55/18 и 4/19 – усаглашени дан. Иск., 86/18 и 5/20 – усаглашени дан. Иск.), у члану 9. став 1. после тачке 23.а. додаје се тачка 23.б која гласи:

„лице, које у складу са Законом којим се уводи дуални модел студија у високом образовању, као материјално и финансијско обезбеђење студентата, остварују студенту који обављају учење кроз рад.“

Члан 2.
Овај закон ступа на снагу осмог дана од дана објављивања у „Службеним гласнику Републике Србије“.

Испуњено се наредо се да ће бити представљени предлог развојних и приватизације и тиме доприноси да овај студијски програм што прије започне и привуку што већи број студената и послодавца

1. роф. др Ненад Јефтић
Ректор Универзитета у Србији

**Sent to the
Ministry of
Finance of
Republic of
Serbia at
November
12th 2020**



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WP3 - Creation of Legal and Other Conditions for Implementation of DHE in Serbia



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

Предлог стандарда за
акредитацију дуалних студијских
програма

contacts: Prof. Dr. Ing. Nenađ Jević, tel: +381 62 287 382
Dr. Ing. Zorica Milosavljević, +381 64 55 32 989



Project acronym:	DUALEDU
Project full title:	Implementation of Dual Education in Higher Education of Serbia
Project No.:	586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP (2017-2020/2021-2021)
Funding scheme:	ERASMUS
Project start date:	October 18, 2017
Project duration:	36 months

Abstract:	This document contains amendments to the accreditation standards regarding dual study programs in higher education. Accreditation standards must be in line with the Law on Higher Education of Serbia and Law on Dual Education.
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Title of document:	GAZDARSKA KARTICA ZA AKREDITACIJU DUALNIH STUDIJSKIH PROGRAMA
Work package:	WP 3: Creation of Legal and Other Conditions for Implementation of DHE in Serbia
Activity:	3.3 Creating amendments to the Accreditation Standards
Last revision date:	20/04/2019
File name:	Amendments to the Accreditation Standards
Number of pages:	9
Dissemination level:	national



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WP4 - *Pilot testing of the flexible and generic DHEM*

Activity N°	Activity Title	Description of the activity carried out			Specific and measurable indicators of achievement
4.1.	Identification and conceptual definition of specific DHEMs	At least 6 documents for 6 specific DHEMs (at least one per participating HEI) is being developed. The documents will describe the concepts of specific DHEMs and will represent a basis for presentation of specific DHEMs to companies.			Each of Serbian HEI partner has specified its specific DHEM for pilot testing. All Serbian partners finished their elaborates. They should be sent to the coordinator.
4.2.	Presenting specific DHEMs to companies and making agreements for participation	15/04/2019	14/01/2020	At all participating organizations from Serbia	Each HEI will present the concepts of specific DHEMs to at least 10 selected companies Concepts of specific DHEMs presented to at least 10 companies per HEI UB completed the presentation of the DHEM to companies. <u>The Reports in free form are expected from all partners!</u>
4.3.	Planning of pilot testing of specific DHEMs	15/04/2019	14/01/2020	At all participating organizations from Serbia	Each HEI partner from Serbia signs agreement for participation in pilot testing of specific DHEM with at least one company At least 5 companies involved in pilot testing are known UB signed agreements with more than 10 companies. <u>The scanned Agreements are expected from all partners!</u>



WP4 - *Pilot testing of the flexible and generic DHEM – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
4.4.	Pilot implementation and testing of specific DHEMs	14/09/2019	14/06/2020	At all participating organizations from Serbia	HEIs develop detailed plans for pilot testing of specific DHEMs in cooperation with contracted companies. This plan will include the creation of the template of the three-lateral contract between students, company and HEI.	Plan for pilot testing is accepted by HEIs authorities 6 HEIs are ready for implementation of pilot testing UB started with the implementation of pilot (et October 1st 2020). <u>Pilot testing plans should be delivered for each institution</u>
4.5.	Development of training materials	15/04/2019	14/02/2020	At all participating organizations from Serbia	Creation of learning and training material for specific DHEMs	Learning and training material created All partners from Serbia should send their training materials to the coordinator (at least examples)
4.6.	Purchase of equipment	01/01/2019	31/07/2019	At all participating organizations from Serbia	At the moment, the relaunch of the remaining Lot is finished.	<u>The official Equipment lists is completed and with Eq. ID numbers forwarded to the Project coordinator.</u>

WP4 - Pilot testing of the flexible and generic DHEM



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

**D4.1 Опис и концепт специфичног
дуалног модела студија на
Универзитету у Београду**
**D4.1 Description and Concept of Specific
DHEM at the University of Belgrade**

contacts: Prof. Dr.-Ing. Nenad Zrnić, tel: +381-65-207-195
Dr.-Ing. Željko Mišković, +381-64-18-32-988

Project acronym	DUAL EDU
Project full title	Implementation of Dual Education in Higher Education of Serbia
Project No	506029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP (2017-2962/001-001)

Funding scheme:	ERASMUS+
Project start date:	October 15, 2017
Project duration:	36 months

Abstract	This document represents the concept of specific DHEM developed at UB and represents a basis for the presentation of this DHEM to interested companies.
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Title of document:	Description and Concept of Specific DHEM at the University of Belgrade
Work package:	WP 4: Pilot testing of the flexible and generic DHEM
Activity:	4.1. Documents on description and concept of specific DHEMs of HEIs
Last version date:	16/03/2021
File name:	Specific DHEM development at UBe
Number of pages:	7
Classification level:	National

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision description	Partner responsible
1.0	21/03/2019	First draft	UB (Žarko Milković, Žvana Jakovljević, Nenad Zrnić, Radivoj Mitrović)

WP4 - Pilot testing of the flexible and generic DHEM

[illegible]

Clasificación más elemental de los sistemas, subdivididos (en función de la digitalización) en sistemas digitales y analógicos. En función de la naturaleza de los datos que manejan, se dividen en sistemas de procesamiento de datos y sistemas de procesamiento de imágenes. En función de la naturaleza de los datos que manejan, se dividen en sistemas de procesamiento de datos y sistemas de procesamiento de imágenes. En función de la naturaleza de los datos que manejan, se dividen en sistemas de procesamiento de datos y sistemas de procesamiento de imágenes.

Detaljno analizam stanje u organizaciji kompetencija i na osnovu istog se predstavljaju zahtevi iz ove kompetencije, koji se do završetka deo u navedenoj matrici izdaju kroz odgovarajuće predmete u nastavi.

- [illegible]

Podrobniji opis o metodološkim planiranim kompetencijama, planirano je da se kreiraju metodološki planirani kompetencijama u okvirima međunarodnog istraživanja i računarskih nauka, a da se nakon izvršenja studijskog programa stiču akademski naziv master informatika i master informatika – informatičar.

Transfuzna zdravstvena nega u **BEOGRADU** je dopunjavajuć akademski studijski program po kulturnom modelu po se u skladu sa tim oblika licenci za pilet studijskog programa Master akademskih studija **MAST** i studija 4.0 u okviru koje se se:

- **Interakcija osoba u komunikaciji.**
- **Master rad govori u komunikaciji pod izjednačenom mentorstvom mentora kao posredne akademске mentora.**
- **Prilagodba i izmjena veličini u postavljanju u manji u **koliko** to izjednačenim odnoscima.**

Planul se va pune în aplicare începând cu 1 septembrie 2014, la sfârșitul celui de-al 4-lea semestru (după ce va fi aprobat de către Consiliul de Administrație al Școlii). Nu vor fi acordate bursă de studii elevilor care nu au obținut media de cel puțin 7,00 la sfârșitul anului școlar. Pentru a beneficia de bursă de studii, elevii trebuie să aibă o medie de cel puțin 7,00 la sfârșitul anului școlar. Pentru a beneficia de bursă de studii, elevii trebuie să aibă o medie de cel puțin 7,00 la sfârșitul anului școlar.

TABLE

Plan je da imaterijalizira otkor MAB Industrije 4.0 u skladu sa protokom semestra Željeza 2023/2024. godine, tj. od marta 2024. godine. Za ovaj otkor bit će raspoloživi dokumenti u januaru 2024. godine za u

39 vladavima od kojih se 15 izdava na teritoriji Republike Srbije, a 24 su vanjski izdaci.

Nelson a scris în primul semestru învățaje == scrierile studențești care adevărat au fost

ANCETA

Nameru da učestvuju u IMA5 inicijativa 4.0 iskazale su sledeće kompanije:

COLLEEN WYNNEBANK

Konkretni način njezgovog učešća kroz učenje kroz poslodavca (Praksa deo 1, Praksa deo 2 i Master) tako definiše nakon prvog semestra za svakog studenta pojedinačno u skladu sa njegovim planom studiranja.

WP4 - Pilot testing of the flexible and generic DHEM

[illegible]

WP4 - Pilot testing of the flexible and generic DHEM

[illegible]



WP4 - *Pilot testing of the flexible and generic DHEM*

**At the
moment 14
students
are
enrolled!**

University of Belgrade
Faculty of Mechanical Engineering
Faculty of Mathematics

Početna Privreda Nastavni Kontakt

INDUSTRIJA 4.0 I4.0

Master akademske studije INDUSTRIJA 4.0

University of Belgrade – Faculty of Mechanical Engineering and Faculty of Mathematics jointly provide multidisciplinary study program master of academic studies in Industry 4.0, in which the program of Mechanical Engineering.

Study program Master of academic studies Industry 4.0 presents a multidisciplinary program intended for training of new generation of engineers who possess knowledge, skills and competences necessary for implementation of modern technologies which bring about industrial revolution – Industry 4.0.

MAS Industry 4.0 lasts 4 semesters. As diploma Master of academic studies (120 ECTS), graduate receives academic title **MASTER INŽENJER MAŠINSTVA - INFORMATIČAR** (abbreviated master inž.mai.inf.). In international relations this title corresponds to the Master of Science (M.Sc. – in English: Master of Science).

Obaveštenja

<http://i40.mas.bg.ac.rs/>



WP4 - *Pilot testing of the flexible and generic DHEM*

**Lectures started
from October 1st
2020
- Combined
teaching model
(online+live)**

Република Србија
МИНИСТАРСТВО ПРОСВЕТЕ,
НАУКЕ И ТЕХНОЛОШКОГ РАЗВОЈА
Број: 412-00-0060/2020-06
Датум: 16. 06. 2020. године
Београд
Печатом 22-26
п/т

УНИВЕРЗИТЕТ У БЕОГРАДУ
МАШИНСКИ ФАКУЛТЕТ
БЕОГРАД
Кришине Марје 16

Поштом обрћања број: 796/1 од 12. јуна 2020. године у вези са утврђивањем
позива на конкурс за пријаву студената који су у летњем семестру школова
2019/2020. године уписани на студијски програм мастер академских студија: Инду
стрија 4.0, који заједнички изводи Машински факултет (у даљем тексту: Факултет) и Математички
факултет, Универзитета у Београду и чије је финансирање одобрено на основу учешћа на
Јавном конкурс за избор мастер студијског програма из области информатике,
технолошког развоја, програмирања, анализе пројеката и организације, наведеног.

С обзиром на негеслиствене околности које су настале услед избора заради COVID
19 и обавезе поштовања узрока Владе утврђивања мера за спречавање и сузбијање те
заразне болести, мишљења смо да је оправдан предлог Факултета да за студенте који су у
летњем семестру школова 2019/2020. године уписани на студијски програм мастер
академских студија: Индустрија 4.0, а за које није могла бити одржана настава и обавезу
стручна пракса у складу са студијском програмом, сва права и обавезе поштују да теку
почев од школске 2020/2021. године, уз задржавање статуса у погледу финансирања
студија, као и да се уне нове генерације студената на том студијском програму обави у
уобичајеном јесенском уписном року.

WP5 - *Quality Assurance and Monitoring*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
5.1.	Creating quality and evaluation strategy and project quality monitoring	The quality and evaluation plan which includes project processes, policies, goals and Management Quality Manual is created. Quality Manual include chapters related to preventive and corrective measures of the project, hierarchy of responsibilities, communication flows and decision making, PR strategy and communication with external parties.	1 Quality and evaluation strategy is developed and published in the 1 document titled 'Quality Control and Monitoring Manual' which is constantly being improved. It is also published on the DualEdu project web site: https://dualedu.ef.uns.ac.rs/index.php/project/quality-and-control
5.2.	Preparation of the interim evaluation report	Interim evaluation report which contains the results of the implementation of the DualEdu project, project key performance indicator evaluation and project goal success rate evaluation is developed.	1 Interim Evaluation Report successfully delivered to EC. All recommendations are fully followed (website dedicated to students, Quality strategy etc.).

WP5 - *Quality Assurance and Monitoring – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
5.1	Creating quality and evaluation strategy and project quality monitoring	15/10/2017	14/10/2020	At all participating organizations	Continuous project quality monitoring	0 unnecessary delays, 0 of the project goals unfulfilled
5.3	Preparation of the final evaluation report	15/07/2020	14/10/2020	University of Belgrade	Final evaluation report will be quality assurance report as executive summary of quality assurance throughout the whole project.	1 Final Evaluation Report is prepared and published on the project web site - according to the external revision results which is in progress

- + ONE REPORT FROM EXTERNAL EXPERT (already hired – Prof. Ph.D. Petar Marić)!
- + Developed Dual Education study modules should be assessed by foreign partners – two per study module/programme!



WP6 - *Dissemination and Exploitation of Results*

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
6.1	Defining dissemination and exploitation plan	Definition and preparation of the dissemination plan. This document starts with the plan of visual identity of project (logo, site, motto) and then contains strategy on dissemination which predominantly describes all dissemination activities (conference, printing promotion material...), along with time table and allocation of responsibilities within the involved partners	1 Dissemination and Exploitation Plan is prepared and published on the DualEdu project web site: https://dualedu.efom.rs/images/stories/odgovorni-6.1-Dissemination-and-Exploitation-plan-v-3.1.pdf



WP6 – Lead partner: UNS (Mirko Savić)

DualEdu
+Erasmus

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Implementation of Dual Education in Higher Education of Serbia / DualEdu

DualEdu
+Erasmus

Welcome to official site of Erasmus+ project, entitled **Implementation of Dual Education in Higher Education of Serbia / DualEdu**, EACEA 586029-EPP-1-2017-1-RS-EPPKA2-CBHE-SP. This project has been funded with support from European Commission, within Erasmus+ programme.

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DualEdu
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Implementation of
Dual Education
in Higher Education
of Serbia



WP6 - *Dissemination and Exploitation of Results – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
6.2	Preparation of dissemination products	15/10/2017	14/10/2020	At all participating organizations	Visual identity of the project was created in initial phase: Project logo, project web site, project motto. Afterwards, all partners organize dissemination events in their own contexts in order to raise public awareness of the DualEdu issues.	Dissemination products are printed and presented to the public, in as many as occasions as possible, and appropriate news shown at the DualEdu project website: https://dualedu.ef.uns.ac.rs/index.php/events-and-activities?limitstart=0 <u>Proceedings from the project realisation should be united and printed as a book!</u>
6.3	Preparation of the interim dissemination and exploitation report	15/04/2019	14/07/2019	University of Novi Sad	Reports on interim dissemination and exploitation as steady activity throughout project duration. All partners organize dissemination events in their own contexts which follow the project goals.	IDER published on the project Web site
6.4	Preparation of the final dissemination and exploitation report	15/07/2020	14/10/2020	University of Novi Sad	This report will summarize the interim reports with reached achievements of dissemination due to project goals.	FDER published on the project web site UNS - finished
6.5	Final Conference	15/08/2020	14/10/2020	University of Belgrade	Organizing a final conference with the aim of demonstrating the overarching achievements of the project and the complexity of project work having been carried out, with a special emphasis on the main aim of the project i.e. the setting up DHE programs in Serbia.	Proceedings from the Final Conference published on the project web site



WP6 - *Dissemination and Exploitation of Results – next steps?*

PREPARATION AND PRINTING OF PROCEEDINGS - Subcontracting

BOOK (FINAL CONFERENCE PROCEEDINGS)
250 pp
STEERING COMMITTEE PROCEEDINGS
100 pp
FINAL REPORT
100 pp
BOOK (PROCEEDINGS OF THE DUALEDU PROJECT)
200 pp

+
**TRANSLATION
SERVICE**

Analysis of the Project Implementation by Working Packages – WP6 – Lead partner: UNS (Mirko Savić)

Next steps?

- Regularly **updating news** on the project web-site (please inform colleagues from NS about provided activities) and on the social networks – **for example we've presented DualEdu at KOD 2021 and CNN TECH 2021 conference**
- **Translation and Publishing of all the FINAL VERSIONS of documents** (reports drafted till now, dissemination plan and quality plan, etc.) on the project web-site (please send to us and UNS)

...INCLUDING THE MISSING ONES!

WP7 - Project management

Activity N°	Activity Title	Description of the activity carried out	Specific and measurable indicators of achievement
7.1	Overall project management	Efficient overall project management.	6 Reports on overall project management prepared and published at the Project Trello platform (DEV 7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, 7.1.6 and 7.1.7) https://trello.com/c/500K7H09/28-71-overall-project-management 1 successful monitoring visit by the national Erasmus office of Serbia, presented at the: https://dualedu.ef.uns.ac.rs/index.php/download/category/15-belgrade-monitoring-visit-19-06-2021
7.2	5 Steering Committee meetings	Preparation and organisation of the successful Steering Committee meetings	5 Steering Committee meetings are held. First one in Belgrade, December 2017th – during the kick off meeting, the second one – in Kragujevac, July 2018th, the third one in Novi Sad, June 2019th, the forth one in Niš 3-4 March 2020 and Fifth one in Belgrade (ZOOM) – december 2020. 4 detailed Reports, Attendance lists, presentations and materials should be available at the DualEdu Project website – PLEASE CHECK! This is SIXTH steering committee meeting
7.3	7 Local Committee meetings	Preparation and organisation of the successful Local Committee meetings	5 Local Committee meetings are held. First one in Belgrade, December 2017th – during the kick off meeting, the second one – in Niš, June 2018th, the third one in Novi Sad, June 2019th, forth one in Novi Pazar, October 2019th and fifth one in Kragujevac, December 2019th. https://dualedu.ef.uns.ac.rs/index.php/download/category/13-local-committee-meeting-in-06-14-08-2021 Today is SIXTH LOCAL committee meeting. One more is replaced with bilateral visits by coordinator to local partners.
7.4	Monitoring and interim report	Preparation of the Interim Report	1 Interim Technical Report prepared and uploaded to the EC website

Study visits plan for 2021:

1. Mobility during June-July 2021 – **Lleida (7 days)** – ALL PARTNERS FROM SERBIA WITH LEFTOVER TRAVEL FUNDS
2. Mobilities in RS: **bilateral meetings** between partners (preparation of the FINAL REPORT) – for partners which have leftover funds

WP7 - *Project management – next steps?*

Activity N°	Activity Title	Start date	End date	Place	Description of the activity to be carried out	Specific and measurable indicators of progress
7.5	Preparation of final report	15/09/2017	14/10/2020	University of Belgrade	Preparation of Final Report.	1 Final Project Report prepared and delivered to the EC Commission

What do we need for the Final Report preparation?

...the same like for the Interim Report
(Financial Statement etc.) + FULL SET of
supporting documents!

Discussion?

THANK YOU FOR
YOUR ATTENTION!



Parole: *ON THE ROAD TO SUCCESS, THERE ARE
NO SHORTCUTS*



Final conference meeting

Finalna konferencija

Prof. Dr.-Ing. Nenad Zrnić

Dr.-Ing. Žarko Mišković

Dr.-Ing. Sanja Šešlija

Belgrade, 8-9. July 2021.



FH JOANNEUM
University of Applied Sciences



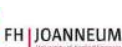
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BUDGET BREAKDOWN

D34 Serbia

	C	D	E	F	G	H	I	J	K	L
	Name of Partner	Country	PRIPA	1. Staff Costs	2. Travel Costs	3. Costs of Stay	4. Equipment Costs	5. Subcontracting Costs	Total Costs (in EUR)	
22	The University of Belgrade	Serbia	Partner Countries	48,465.00	6,430.00	12,000.00	40,364.95	-	107,259.96	
24	FH Joanneum Gesellschaft M.B.H	Austria	Programme Countries	19,403.00	730.00	1,080.00	-	-	21,213.00	
25	FORMASUP	France	Programme Countries	9,530.00	275.00	360.00	-	-	10,165.00	
26	University of Lleida	Spain	Programme Countries	22,670.00	1,100.00	1,580.00	-	-	25,450.00	
27	Spoleczna Akademia Nauk	Poland	Programme Countries	2,523.00	560.00	720.00	-	-	3,793.00	
28	POWMio	Germany	Programme Countries	21,603.00	1,375.00	2,640.00	-	-	25,618.00	
29	Belgrade Metropolitan University	Serbia	Partner Countries	41,471.00	5,905.00	11,280.00	61,587.63	7,200.80	127,444.63	
30	University of Novi Sad	Serbia	Partner Countries	22,409.00	6,160.00	11,760.00	45,531.31	58.79	87,019.10	
31	University of Kragujevac	Serbia	Partner Countries	33,530.00	5,885.00	10,080.00	47,373.99	1,967.49	98,646.47	
32	State University of Novi Pazar	Serbia	Partner Countries	19,656.00	4,350.00	6,240.00	47,033.75	-	77,285.75	
33	MSFR	Serbia	Partner Countries	26,965.00	5,240.00	10,200.00	41,035.60	2,761.18	86,202.17	
34	Ministry of Education, Science and Technological Development	Serbia	Partner Countries	6,240.00	-	-	-	-	6,240.00	
35	National Council for Higher Education	Serbia	Partner Countries	-	-	-	-	-	-	
36	NICAT	Serbia	Partner Countries	5,580.00	4,000.00	5,760.00	-	-	15,340.00	
37		Click arrow to select Country		-	-	-	-	-	-	



2



PARTNER PAYMENTS

	123409	99102	121732	138180	118425	32027	33005	24300	22865	35686	28420
Kragujevac	Viser	UNS	Metropolitan	DUNP	POWMIO	FORMASUP	NI-CAT	Spoleczna Akademia Nauk	FH Joanneum Gesellschaft	Universidad de Lleida	
13,654.50	7,771.00	12,816.00	7,465.00	11,162.50	16,013.50	16,502.50	12,150.00	11,432.50	17,843.00	14,210.00	
48,102.00	6,585.00	41,083.00	62,574.82	47,578.00	12810.8	6,601.00	4,860.00		7,137.20	11,368.00	
24,681.80	6,286.00	24,346.40	27,636.00	23,685.00	28,824.30	23,103.50	17,010.00		24,980.20	25,578.00	
24,681.80	9,275.59	5,689.53	27,636.00	23,685.00							
111,120.10	19,076.28	24,364.40	125,311.82	106,110.50							
	19,820.40	108,299.33									
	19,820.40										
	88,634.67										
Budget	Spent(Staff)										
28550	6270										
24222											



CURRENT STATUS

	Anex VI	To be paid before balance payment
FH Joanneum Gesellschaft M.B.H		7137.2
FORMASUP	not delivered	6601
University of Lleida		balance payment left
Spoleczna Akademia Nauk	delivered/incomplete	9146
PowMio		balance payment left
Belgrade Metropolitan University		balance payment left
University of Novi Sad		balance payment left
University of Kragujevac		balance payment left
State University of Novi Pazar		balance payment left
VISER		balance payment left
NiCat		4860

Supporting documentation requested by project audit control

Please be careful because some of the documents that you will be sending are needed to be originals

For Staff Costs:

- JOINT DECLARATION (ANNEX II) for each person employed SIGNED & filled ORIGINAL
- TIME-SHEETS (attached to each staff convention), indicating number of days worked for corresponding month/year, description of tasks, outputs produced and related work package SIGNED & filled ORIGINAL
- ANY EVIDENCE allowing to verify that declared workloads correspond to actual activities/outputs (e.g. attendance lists for lectures given, tangible outputs /products, salary slips, etc.) Certified copy
- EMPLOYMENT CONTRACT Certified copy- PROOF OF PAYMENT (net + taxes) Certified copy
- CALCULATION OF COSTS
- PAYS LIP
- TAX STATEMENT (if applicable by national law) Certified copy

For travel costs and costs of stay:

- Individual travel report (ITR) - SIGNED & filled – ORIGINAL
- Table of specification of travel and stay costs Certified copy
- Travel order/decision (if applicable) Certified copy
- Proof that the trip actually took place (e.g. travel tickets, boarding passes, invoices, receipts, attendance lists, agendas, etc) Certified copy
- Invoices for air tickets, hotel etc. - proof of payment for travel costs (bank statement) Certified copy
- Proof of payment for stay costs (bank statement) Certified copy
- Proof of payment for taxes (if any) Certified copy

For Equipment :

- Documentation on the tendering procedure and three quotations (certified copy)
- Proof that equipment is properly registered in the inventory of the institution concerned (inventory list) (certified copy)
- Invoice (order forms, pro-forma invoices, quotations or estimates are not considered as proof of expenditure) (certified copy)
- Pro forma invoice
- VAT exemption statement (certified copy)
- Proof of payment (bank statement) (certified copy)
- Contract with supplier (certified copy)

Subcontracting costs:

- Documentation from the conducted procurement procedure
- Contract with selected supplier
- Pro forma invoice
- Proof of payment (bank statement)
- Proof of payment for taxes (if any)



Questions





University of
Belgrade



Implementation of Dual Education in Higher Education of
Serbia

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia

email: nznric@mas.bg.ac.rs



Faculty of Mechanical
Engineering



FH JOANNEUM
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PowMio GmbH



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ATTENDANCE LIST

TYPE OF THE EVENT: Meeting
STEERING COMMITTEE

contacts:

Prof. Dr.-Ing. Nenad Zrnić, tel: +381-63-287-193

Dr.-Ing. Žarko Mišković, +381-64-18-32-989

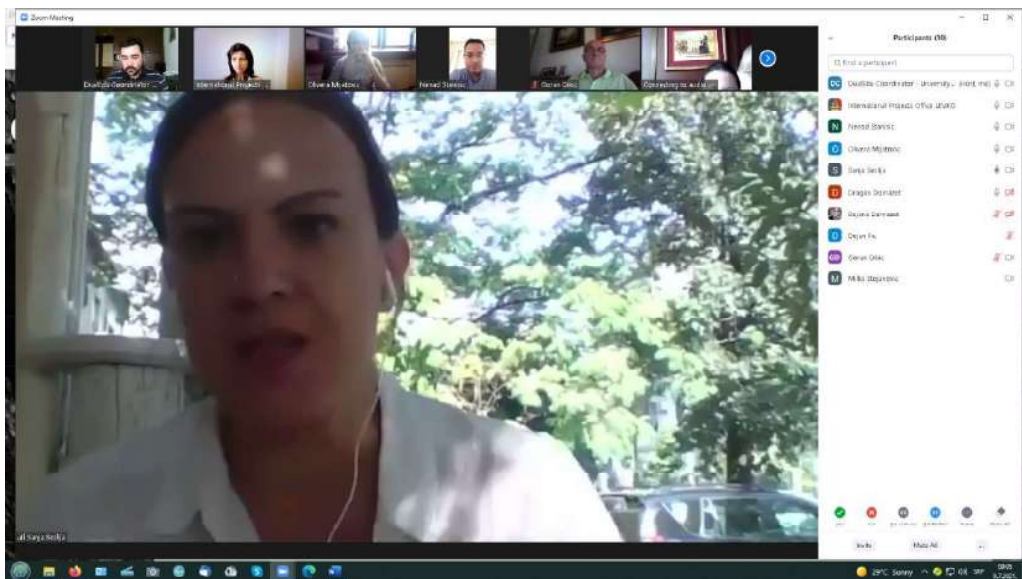
Date and place of the event: 09/07/2021 UB (University of Belgrade – Faculty of Mechanical Engineering),
Kraljice Marije 16, 11120 Belgrade 35

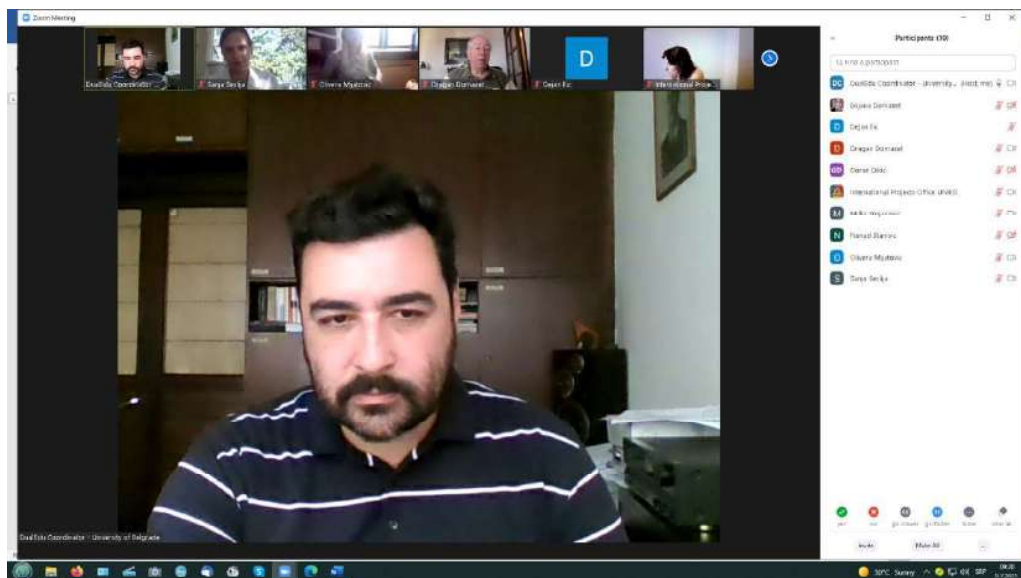
10³⁰ – 15³⁰h

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Желите ли да сазнате више о дуалном моделу студија?
Посетите Интернет странице DualEdu пројекта...

<https://dualedu.ef.uns.ac.rs>



<https://dualedu4students.ef.uns.ac.rs>

