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

email: nzrnic@mas.bg.ac.rs



Faculty of Mechanical Engineering





























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



Dev 1.2.6 Study visit report

Report on study visit to UDL (Lleida, Spain)

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	The study visit to project partner from EU (UDL) was held within WP1, activity 1.2 - Study visits to EU partners. The main objective of the visit was transfer of knowledge in the area of dual education from Spain to partners in Serbia.

Title of document:	Dev 1.2.6 Study visit in Lleida Written Report
Work package:	WP 1: Research and needs analysis
Activity:	1.2. Study visits to EU partners
Last version date:	02/09/2021
File name:	Dev 1.2.6 Study visit report
Number of pages:	15
Dissemination level:	Consortium

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision description	Partner responsible
v.1	02/09/2021	First version	UDL/UB (Ferran Badia Pascal, Žarko Mišković)

DISCLAIMER

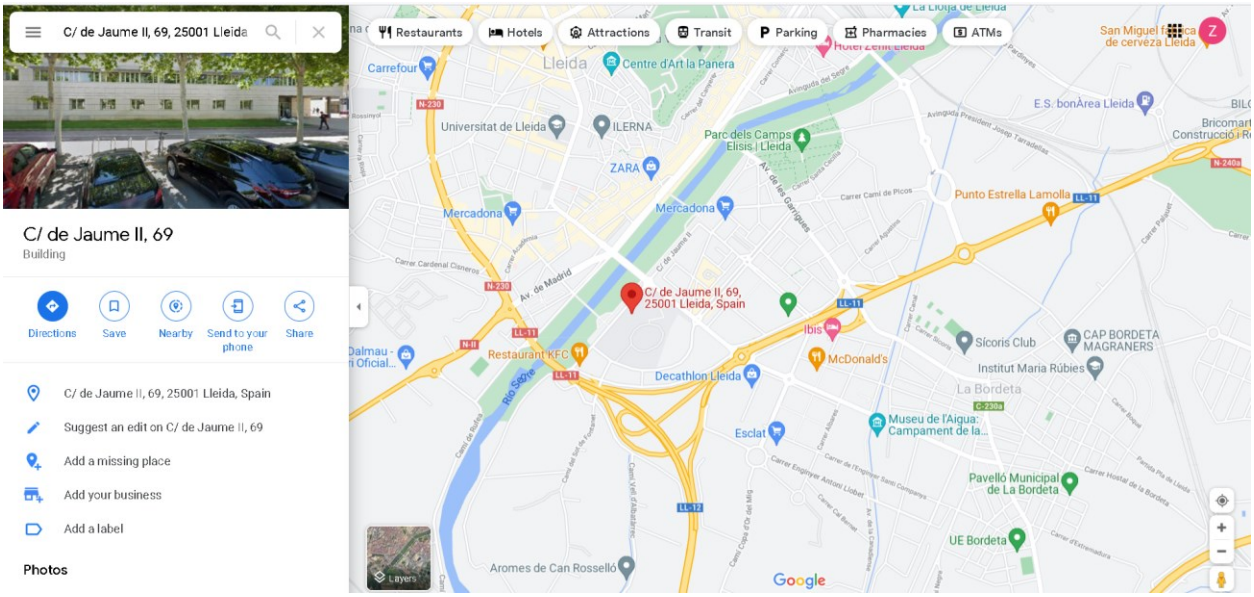
The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Study visit to UDL (Spain)

Study visit to project partner from Spain took place between Monday 12th and Wednesday 14th of July 2021 at University de Lleida (UDL) - C/ de Jaume II, 69, 25001 Lleida (map bellow).

PLACE OF EVENT:





During the meeting the prepared AGENDA was successfully followed.

AGENDA:



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

AGENDA

Project partners meeting

Study visit to UDL and administrative tasks

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

Day 1, 12th July 2021		
13h-14h30	Welcome & Introduction	Ferran Badia, host UDL
15h-18h	Project progress and last achievements. Accreditation of dual studies in Serbia. Pilot dual study programs	Nenad Zrnić, project coordinator

Day 2, 13th July 2021		
9h30-11h	Challenges of accreditation of dual study programs in Spain	Ferran Badia, Margarita Moltó, hosts UDL
11h-13h	The role of tutors as a key of dual studies success	Albert Castell, Margarita Moltó, Miquel Nogués, hosts UDL
14h30-17h30	The industrial doctorate as a tool to facilitate innovation	M.Àngels Balcells. Director of the Doctorate School. University of Lleida, host UDL
Day 3, 14th July 2021		
9h-12h30	Financial aspects of the project and preparation of the Final Report: What to be done and what to be corrected	Žarko Mišković, Sanja Šešlija, project co-adiministrators

The presented agenda was again focused on different aspects of dual education in Spain, as well as administrative aspects of the DualEdu project realisation.

At the beginning of the study visit on July 12th 2021, after the registration of the present participants, professor Ferran Badia Pascal welcomed all with the brief introduction of activities UDL performed within DualEdu project. He also presented main research and scientific capacities of UDL, as well as some interesting projects UDL performed in the previous period in the area of dual education in Spain.

After that, prof. Nenad Zrnić (Project Coordinator) introduced present participants to the DualEdu project progress and activities which need to be successfully finished before the end of the project realisation. He also emphasized the importance of the final steps which will provide the sustainability of the DualEdu project results. The future accreditation of dual studies in Republic of Serbia was also discussed in details – where all partners from Republic of Serbia presented the pilot study programmes, they developed and piloted. The very important advices for successful implementation of future dual education study programmes implementation in Serbia were given by the prof. Helge H. Hochrinner (FH Joanneum Gesellschaft M.B.H) – who was also present during the meeting.

On the second day of the study visit (July 13th 2021), the challenges off accreditation of dual study programs in Spain were presented to participants by prof. Ferran Badia Pascal and prof. Margarita Molto (UDL). The key challenge they identified was to establish solid connection between companies and universities – according to the relevant national legislation. Also, Albert Castell, Margarita Molto and Miguel Nogues discussed the role of tutors in dual education (both industrial and educational) as a key factor which affects the quality of performed dual studies.

After that, the Director of the Doctorate School from UDL – prof. M. Angels Balcells presented the dual education on the Ph.D. level in Spain. The special attention was paid to industrial doctorates – an approach different from traditional education system, where Ph.D. degree is obtained based on the experience Ph.D. student gathered from the industry sector.

The final day of the study visit (July 14th 2021) was dedicated to the DualEdu project implementation. Namely, project administrator and co-administrator (Žarko Mišković and Sanja Šešlija – from UB) analysed financial aspects of the project as well as the activities which should be finished in order to successfully prepare the Final Report in time. The full list of supplementary documents was also presented with explanation how they should be prepared. This was very important for partners without extensive experience in the international projects administration as they got the chance to clear the potential dilemmas in time - during the following discussion.

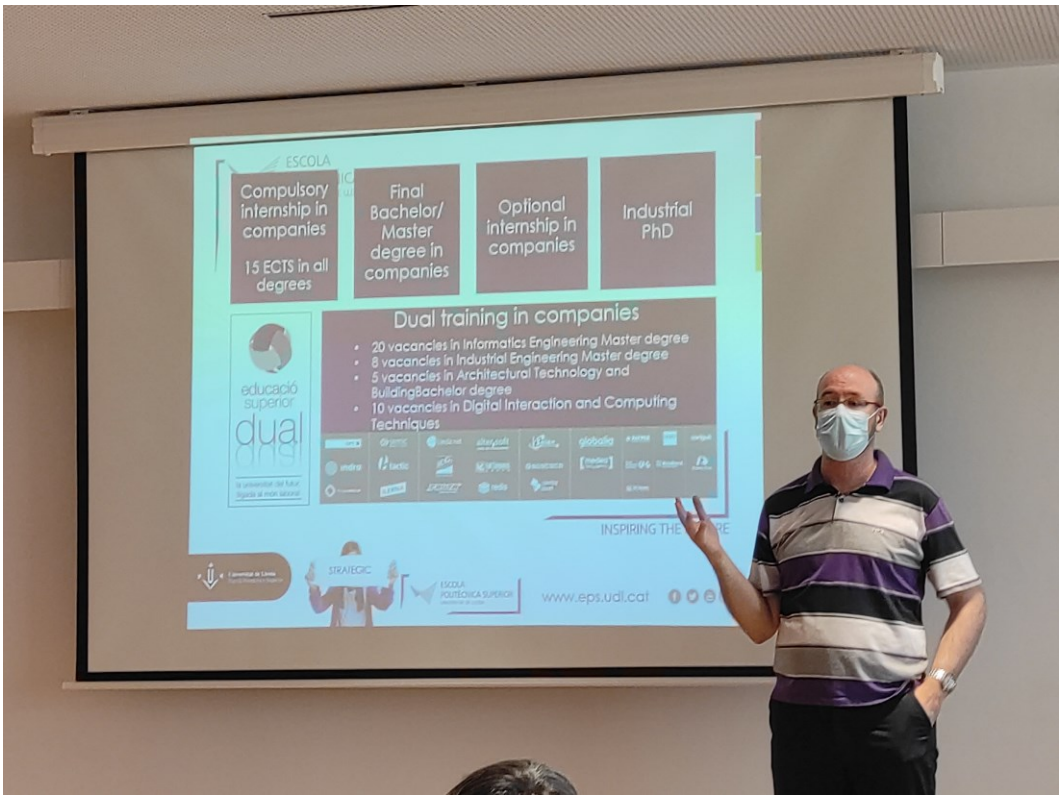
The study visit was completed by the visit to the laboratory for robotics of UDL where new technology – developed by UDL in cooperation with industry was presented to present participants.

Study visit had in total 14 participants from Serbia (mainly teaching staff members from different educational institutions), 1 from Austria, as well as 5 hosts from UDL. The agenda was fully followed without unplanned delays or difficulties.

The gallery from the study visit, as well as Attendance lists are presented on the following pages.


EPS

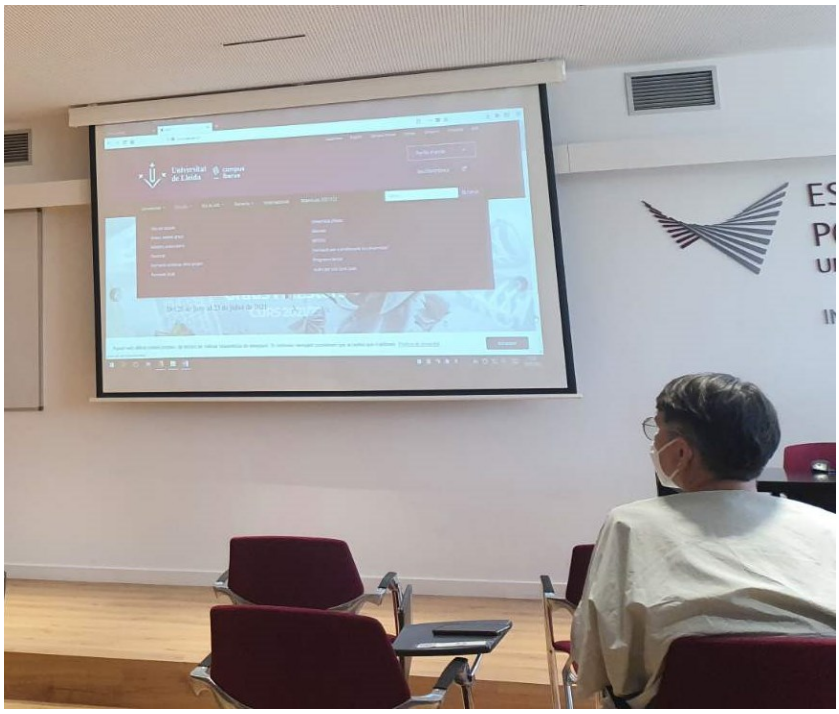

EPS
ESCOLA
INSPIRING THE


Compulsory internship in companies
15 ECTS in all degrees
Final Bachelor/ Master degree in companies
Optional internship in companies
Industrial PhD
Dual training in companies
20 vacancies in Informatics Engineering Master degree
8 vacancies in Industrial Engineering Master degree
5 vacancies in Architectural Technology and BuildingBachelor degree
10 vacancies in Digital Interaction and Computing Techniques
www.eps.udl.cat




Industrial Doctorates
ESCOLA
POLITÈCNICA SUPERIOR


ESCOLA
INSPIRING THE




Universitat de Lleida
campus iberus
Del 28 de juny al 23 de juliol de 2021

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

DualEdu Erasmus+

Implementation of Dual Education in Higher Education of Serbia

University of Belgrade

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia

email: nzrnic@mas.bg.ac.rs

Faculty of Mechanical Engineering

FH | JOANNEUM University of Applied Sciences

PowMio

CAT

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

ATTENDANCE LIST

TYPE OF THE EVENT: Meeting

DualEdu Study visit to UDL

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: 12/07/2021 UDL (Universidad de Lleida - Escola Politècnica Superior), Jaume II, 69. 25001 Lleida (Spain)

13[00] – 18[00]h

No.	Name and Surname	E-mail adress	Phone	Institution	Signature
1.	Hochrainer Hoyer	hoyer.hochrainer@fh-joanneum.at	043-676-8374	FH-Joanneum	
2.	Senad Ganić	sganic@uns.ac.rs		SUNP	
3.	ŽARKO MIŠKOVIĆ	ZMISKOVIC@MAS.BF.AC.RS		UB	
4.	Živana Stanojević	ZSANOJEVIC@MAS.BG.AC.RS		UB	
5.	Nikola Gojić	ustrabon@gmail.com		UKG	N Gojić
6.	MARINA BLAGOJEVIĆ	marija.blagojevic@fin.ug.ac.rs		UKG	

7.	GORAN DIKIĆ	gdikic@viser.edu.rs		ATUS – VISER	[signature]
8.	MILIJA DŽEKULIĆ	milijodz@viser.edu.rs		ATUS-VISER	[signature]
9.	MILOŠ PEJANOVIĆ	milos.pejanovic@viser.edu.rs		ATUSS – VISER	[signature]
10.	BOJANA DOMAZET	bojana.domazet@metropolitan.ac.rs		BMU	[signature]
11.	NEMANJA ZDRAVKOVIĆ	nemanja.zdravkovic@metropolitan.ac.rs		BMU	[signature]
12.	DRAGAN DOMAZET	dragan.domazet@metropolitan.ac.rs		BMU	[signature]
13.	Ferran Bodic	ferran.bodic@udl.cat		UdL	[signature]
14.	IVANKA POPOVIĆ	ivanka.popovic@rect.bg.ac.rs		UB	[signature]
15.	SANJA ŠEŠLIJA	sseslija@tmf.bg.ac.rs		UB	[signature]
16.	MILJA MARINKOVIĆ	MILJA.BRAKOVIC@RECT.BG.AC.RS		UB	[signature]
17.	NEMAD ZDMIĆ	nzdmic@uns.bg.ac.rs		UB	[signature]
18.	MARGA MOLTÓ	marga.molto@udl.cat		UPL	[signature]
19.					
20.					

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

University of Belgrade

DualEdu Erasmus+

Implementation of Dual Education in Higher Education of Serbia

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia

email: nzrnic@mas.bg.ac.rs

Faculty of Mechanical Engineering

FH | JOANNEUM University of Applied Sciences

Formasup

Universitat de Lleida

SPOŁECZNA AKADEMIA NAUK

Your IT solution PowMio GmbH

Republic of Serbia Ministry of Education, Science and Technological Development

Republic of Serbia National council for higher education

CAT

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

ATTENDANCE LIST

TYPE OF THE EVENT: Meeting

DualEdu Study visit to UDL

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: 13/07/2021 UDL (Universidad de Lleida - Escola Politècnica Superior), Jaume II, 69. 25001 Lleida (Spain)

$09^{30} – 17^{30}$h

No.	Name and Surname	E-mail adress	Phone	Institution	Signature
1.	Hochrinner Hagen	hagen.hochrinner@fh-joanneum.at		FH-Joanneum	[signature]
2.	LETICIA CARRO	leticia.carro@udl.cat		Univ. Lleida	[signature]
3.	ŽNAMA JAKOVYCVIĆ	zjakovycvic@mas.bg.ac.rs		UB	[signature]
4.	Veloše Gojgić	vstvelose@gmail.com		UKG	[signature]
5.	ŽARKO MIŠKOVIĆ	zmiskovic@mas.bg.ac.rs		UB	[signature]
6.	Marija Blagojević	marija.blagojevic@fh.mg.ac.rs		UKG	[signature]

I

7.	GORAN DIKIĆ	gdikic@viser.edu.rs		ATUS-VISER	
8.	MILOŠ PEJANOVIĆ	milos.pejanovic@viser.edu.rs		ATUSS-VISER	
9.	MILIJA DŽEKULIĆ	milija.dzekulic@viser.edu.rs		ATUS-VISER	
10.	Senad Ganić	sganic@np.ac.rs	063-628-628	SUNP	
11.	BOJANA DOMAZET	bojana.domazet@metropolitan.ac.rs		BMU	
12.	Hemanja Zdravković	nemanja.zdravkovic@metropolitan.ac.rs		BMU	N. Zdravković
13.	MARGA MOLTÉ	marga.udl@udl.cat		UDL	
14.	Ferran Badia	ferran.badia@udl.cat		UdL	
15.	DRAGAN DOMAZET	dragan.domazet@metropolitan.ac.rs		BMU	
16.	IVANKA POPOVIĆ	ivanka.popovic@rect.bg.ac.rs		UB	
17.	SONJA SESLIJA	sseslija@rect.bg.ac.rs		UB	
18.	Milja Marinković	milja.bralovic@rect.bg.ac.rs		UB	
19.	NENADZDMIĆ	uzunic@uoac.bg.ac.rs		UB	
20.	CRISTIAN SOLÉ	cristian.sole@udl.cat		UdL	
21	MAGDA VALLS	eps.direccio@udl.cat		UdL	

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

University of Belgrade

DualEdu Erasmus+

Implementation of Dual Education in Higher Education of Serbia

Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia

email: nzrnic@mas.bg.ac.rs

Faculty of Mechanical Engineering

FH JOANNEUM University of Applied Sciences · Formasup · Universitat de Lleida · Społeczna Akademia Nauk · PowMio GmbH · Metropolitan · Republic of Serbia Ministry of Education, Science and Technological Development · Republic of Serbia National council for higher education · CAT

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

ATTENDANCE LIST

TYPE OF THE EVENT: Meeting

DualEdu Study visit to UDL

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: 14/07/2021 UDL (Universidad de Lleida - Escola Politècnica Superior), Jaume II, 69. 25001 Lleida (Spain)

$09^{00} - 12^{30}$h

No.	Name and Surname	E-mail adress	Phone	Institution	Signature
1.	[illegible]			FH JOANNEUM	
2.	Živana Jakovljević	zjakovljevic@mas.bg.ac.rs	+381 62 235 975	UB	
3.	Natasa Gojzić	natasa.gojzic@vsess.com		UKG	N Gojzić
4.	Senad Granić	sgranic@np.ac.rs	063/628-618	SUHP	
5.	Marija Blagojević	marija.blagojevic@fm.kg.ac.rs		UKG	
6.	ŽARKO MIŠKOVIĆ	ZMISKOVIC@MAS.BG.AC.RS		UB	

7.	GORAN DIKIĆ	gdikic@viser.edu.rs		ATUS - VISER	[signature]
8.	MILIJA DŽEKULIĆ	milija.dz@viser.edu.rs		ATUS - VISER	[signature]
9.	MILOS PEJANOVIĆ	milos.pejanovic@viser.edu.rs		ATUSS - VISER	[signature]
10.	BOJANA DOMAZET	bojana.domazet@metropolitan.ac.rs		BMU	[signature]
11.	HEMANJA ZDRAVKOVIĆ	hemanja.zdravkovic@metropolitan.ac.rs		BMU	N. Zdravković
12.	DRAGAN DOMAZET	dragan.domazet@metropolitan	+381 63325253	BMU	[signature]
13.	Ferran Bodia	ferran.bodia@udl.cat		udl	[signature]
14.	IVANKA POPOVIĆ	ivanka.popovic@rect.bg.ac.rs		UB	[signature]
15.	SANJA SEŠLIJA	ssesljaj@mfi.org.dc.rs		UB	[signature]
16.	MILJA NARINKOVIĆ	milja.dralovic@rect.bg.ac.rs		UB	[signature]
17.	NENAD ZINIĆ	nzinic@uns.bg.ac.rs		UB	[signature]
18.	MARCA MOLTÓ	marca.molto@udl.cat		UDL	[signature]
19.					
20.					