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

DualEdu

Pilot testing of the flexible and generic DHEM (WP4)

Prof. Dr.-Ing. Goran Dikić

Pilot testing of DHEM – overall description

- Flexible and generic DHEM developed in WP2 will represent a basis for development of specific DHEMs. This WP is consisting of seven activities.
- The core of this WP is the implementation of specific DHEMs (M32)
- All consortium partners will participate in Identification and conceptual definition of specific DHEMs.
- Only partners from Serbia will participate in all seven activities of this WP.

Pilot testing of the flexible and generic DHEM – WP description

Related assumptions and risks	**A: There is a lack of graduates on the labour market with appropriate competences and companies are forced to offer jobs to students** **A: By this point in the project, there is an established interest of companies for cooperation programs** **R: Low interest of companies to sign agreements with HEIs to implement DHE.** **R: Low interest of companies to offer paid internship or temporary paid jobs to students** **R: Some HEIs may have problems to get the agreements with companies for pilot testing of their specific DHEMs**		
Description	Within this WP each HEI partner from Serbia develops at least one own specific DHEM in the selected industrial sector. The first task is the identification of industrial sector, the overall needs of companies in that sector and definition of the specific DHEM concept. Each HEI will present the defined specific DHEM concept to at least **10** selected companies in order to make agreements for their participation in DHE study programme. After agreement with companies on their participation in DHE, HEIs will create detailed plan of DHE programme, purchase relevant equipment and create training materials in cooperation with companies. The core of this WP is the implementation of specific DHEMs. After finalization of DHE programmes implementation, the analysis of the obtained results will be performed. This analysis will include the employer's satisfaction, number of employed DHE students, the number of work positions that participating companies offered to DHE students, the number of enrolled DHE students, social structure of DHE students and other relevant statistics. Milestones: 50% of agreements signed by M14 of the project; 50% of pilot test started by the end of M16 of the project; 100% of teaching, training and learning material for the next semester prepared before semester start.		
Tasks	4.1 Identification and conceptual definition of specific DHEMs; 4.2 Presenting specific DHEMs to companies and making agreements for participation; 4.3 Planning of pilot testing of specific DHEMs; 4.4 Purchase of equipment; 4.5 Development of training materials; 4.6 Pilot implementation and testing of specific DHEMs; 4.7 Analysis of the results of pilot testing.		
Estimated Start Date	15-06-2018	**Estimated End Date**	14-09-2020
Lead Organisation	School of Electrical and Computer Engineering of Applied Studies [**VISER**], Serbia		
Participating			

Deliverables/results/outcomes – Task 4.1

Expected Deliverable/Results/ Outcomes	**Work Package and Outcome ref.nr**	**4.1.**	
	Title	Documents on description and concept of the specific DHEMs of HEIs	
	Type	☐ Teaching material ☐ Learning material ☐ Training material	☐ Event ☒ Report ☐ Service/Product
	Description	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.	
	Due date	14-11-2018	
	Languages	Serbian	
Target groups	☒Teaching staff Teaching staff 20 teaching staff members ☐Students ☐Trainees ☐Administrative staff ☐Technical staff ☐Librarians ☒Other: Serbian industrial sector		
	If you selected 'Other', please identify these target groups. (Max. 250 characters)		
Dissemination level	☒Department / Faculty ☐Institution	☐Local ☐Regional	☐National ☐International

Deliverables/results/outcomes – Task 4.2

Expected Deliverable/Results/ Outcomes	**Work Package and Outcome ref.nr**	**4.2.**	
	Title	Presentation of specific DHMEs of HEIs to companies.	
	Type	☐ Teaching material ☐ Learning material ☐ Training material	☒ Event ☐ Report ☐ Service/Product
	Description	Each HEI will present the concepts of specific DHEMs to at least **10** selected companies	
	Due date	14-01-2020	
	Languages	Serbian	
Target groups	☐Teaching staff Teaching staff 20 teaching staff members ☐Students ☐Trainees ☐Administrative staff ☐Technical staff ☐Librarians ☒Other: Serbian industrial sector		
	If you selected 'Other', please identify these target groups. (Max. 250 characters)		
Dissemination level	☐Department / Faculty ☐Institution	☐Local ☐Regional	☒National ☐International

Deliverables/results/outcomes – Task 4.3

Expected Deliverable/Results/ Outcomes	**Work Package and Outcome ref.nr**	**4.3.**	
	Title	Agreements with companies interested to participate in the pilot testing of the specific DHEM with HEIpartners from Serbia	
	Type	☐ Teaching material ☐ Learning material ☐ Training material	☐ Event ☒ Report ☐ Service/Product
	Description	Each HEI partner from Serbia signs agreement for participation in pilot testing of specific DHEM with at least one company	
	Due date	14-01-2020	
	Languages	Serbian	
Target groups	☒Teaching staff Teaching staff 20 teaching staff members ☐Students ☐Trainees ☒Administrative staff ☐Technical staff ☐Librarians ☒Other: Serbian industrial sector		
	If you selected 'Other', please identify these target groups. (Max. 250 characters)		
Dissemination level	☒Department / Faculty ☐Institution	☐Local ☐Regional	☒National ☐International

Deliverables/results/outcomes – Task 4.4

Expected Deliverable/Results/ Outcomes	**Work Package and Outcome ref.nr**	**4.4.**	
	Title	Plan for pilot testing of the specific DHEM of HEIs	
	Type	☐ Teaching material ☐ Learning material ☐ Training material	☐ Event ☒ Report ☐ Service/Product
	Description	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.	
	Due date	14-01-2020	
	Languages	Serbian	
Target groups	☒Teaching staff Teaching staff 20 teaching staff members ☒Students ☐Trainees ☒Administrative staff ☐Technical staff ☐Librarians ☒Other: Serbian industrial sector		
	If you selected 'Other', please identify these target groups. (Max. 250 characters)		
Dissemination level	☒Department / Faculty ☒Institution	☐Local ☐Regional	☐National ☐International

Deliverables/results/outcomes – Task 4.5

Expected Deliverable/Results/ Outcomes	**Work Package and Outcome ref.nr**	**4.5.**	
	Title	Material for specific DHEMs pilot testing	
	Type	☐ Teaching material ☐ Learning material ☒ Training material	☐ Event ☐Report ☐ Service/Product
	Description	Creation of learning and training material for specific DHEMs	
	Due date	14-02-2020	
	Languages	Serbian	
Target groups	☒Teaching staff Teaching staff 20 teaching staff members ☒Students ☐Trainees ☐Administrative staff ☐Technical staff ☐Librarians ☒Other: Serbian industrial sector		
	If you selected 'Other', please identify these target groups. (Max. 250 characters)		
Dissemination level	☒Department / Faculty ☐Institution	☐Local ☐Regional	☐National ☐International

Deliverables/results/outcomes – Task 4.6

Expected Deliverable/Results/ Outcomes	**Work Package and Outcome ref.nr**	**4.6.**	
	Title	Equipment	
	Type	☐Teaching material ☐Learning material ☐Training material	☐Event ☐Report ☒Service/Product
	Description	Equipment for pilot testing purchased and installed	
	Due date	14-01-2019	
	Languages	English, Serbian	
Target groups	☒Teaching staff ☐Students ☐Trainees ☒Administrative staff ☒Technical staff ☐Librarians ☐Other		
	If you selected 'Other', please identify these target groups. (Max. 250 characters)		
Dissemination level	☐Department / Faculty ☒Institution	☐Local ☐Regional	☐National ☐International

Deliverables/results/outcomes – Task 4.7

Expected Deliverable/Results/ Outcomes	**Work Package and Outcome ref.nr**	**4.7.**	
	Title	Analysis of the results of pilot testing of each of specific DHEM of HEI-partners from Serbia	
	Type	☐ Teaching material ☐ Learning material ☐ Training material	☐ Event ☒ Report ☐ Service/Product
	Description	This document provides the results of the analysis and summarizing of the individual HEIs reports on pilot testing	
	Due date	14-09-2020	
	Languages	English, Serbian	
Target groups	☒Teaching staff ☐Students ☐Trainees ☐Administrative staff ☐Technical staff ☐Librarians ☒Other: Serbian industrial sector, Ministry of Science, Education and Technological Development of the Republic of Serbia; Ministry of Labour, Employment, Veteran and Social Affairs of the Republic of Serbia; National Employment Agency ;general audience		
	If you selected 'Other', please identify these target groups. (Max. 250 characters)		
Dissemination level	☐Department / Faculty ☐Institution	☐Local ☐Regional	☒National ☐International

THANK YOU FOR YOUR ATTENTION!



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