



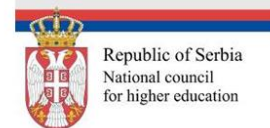
STEERING COMMITTEE MEETING

Report on overall project realisation

Prof. Ph.D. Nenad Zrnić
Doc. Ph.D. Žarko Mišković
Kragujevac, July 4th 2018.



FH JOANNEUM
University of Applied Sciences





Project management – CURRENT STATE 04.07.2018.

ACTION PLAN ANALYSIS PLANNED/ACHIEVED – BY WORK PACKAGES



Work Plan for the year 1 WP 1-3 - **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
WP1: PREPARATION - RESEARCH AND NEEDS ANALYSIS																	
WP1	FOR	FOR	1.1.	Analysis of EU practices and experiences	24			2X=	4X=	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 for the year 1 WP 4-5 - **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
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 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 1	N 2	D 3	J 4	F 5	M 6	A 7	M 8	J 9	J 10	A 11	S 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 Commitee 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)

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

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

Questionnaire for quality management

Name: Organization:

Did the overall 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 FH JOANNEUM meet your expectations?

Clearly Yes ☐ Clearly No ☐ Somewhat ☐

Comments

Did you make any decisions regarding your own project participation because of your experiences in Graz?

Clearly Yes ☐ Clearly No ☐ Somewhat ☐

Comments / Examples

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

 **DualEdu** + Erasmus
Implementation of Dual Education in Higher Education of Serbia
Kraljice Marije 16, 11120 Belgrade 35, Republic of Serbia
email: nznric@mas.bg.ac.rs



 **FH JOANNEUM**
University of Applied Sciences

 **UNIVERSITÉ DE LIÈGE**

 **SPOLECZNA AKADEMIA NAUK**

 **POWMio GmbH**

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

IMPLEMENTATION OF DUAL EDUCATION IN HIGHER EDUCATION OF SERBIA

ANKETNI LIST - ZA MENADŽMENT PREDUZEĆA

Tema: Dualno obrazovanje u visokom školstvu Republike Srbije

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



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)

KONFERENCIJA

DUALNO OBRAZOVANJE U VISOKOM OBRAZOVANJU

Da li znate da se dualno obrazovanje u Hauts-de-France regionu razvija još od 1992. godine i sve je popularnije među studentima? Da li znate da 100% studenata dualnog obrazovanja odmah nakon studija nađe posao u Kataloniji? Da li znate da u Gracu student i tokom dualnog obrazovanja provode 3 meseca na fakultetu, a 3 meseca su po svedeni radu u kompaniji? **Koji su be nefiti kompanija kod Dualnog obrazovanja u visokom obrazovanju?** Pozivamo Vas na konferenciju,

„DUALNO OBRAZOVANJE U VISOKOM OBRAZOVANJU“ u petak 15. juna 2018. godine sa početkom od 11h na Univerzitetu Metropolitan u Nišu (Bulevar Svetog Cara Konstantina 80A), koja će Vam dati odgovore na sva pitanja.

Konzorcijum Erasmus+ projekta „Implementation of Dual Education in Higher Education of Serbia – DualEdu“ organizuje konferenciju pod nazivom „DUALNO OBRAZOVANJE U VISOKOM OBRAZOVANJU“ sa ciljem da se kompanije upoznaju sa prednostima, koje im različiti oblici dualnog obrazovanja u visokom obrazovanju nude.

Zainteresovani učesnici će kroz panel diskusiju u okviru konferencije moći da daju svoje sugestije i predloge za implementaciju ovakvog programa.

O ovom inovativnom pristupu će govoriti:

- Prof. dr Radivoje Mitrović, dekan Mašinskog fakulteta Univerziteta u Beogradu
- Prof. dr Dragan Domazet, rektor i predsednik Univerziteta Metropolitan
- Dipl.-Ing. Hagen Helge Hochrinne r, FH JOANNEUM, Grac, Austrija
- Dr.-Ing. Dejan Ilić, jedan od osnivača i CTO kompanije PowMio, Karlsruhe, Nemačka
- Rade Nikolov, direktor kompanije Photon Optonics
- **Detaljniju AGENDU pogledajte ovde >>**

UČEŠĆE JE BESPLATNO.

Molimo sve zainteresovane učesnike da registraciju izvrše **OVDJE >**

* DualEdu (Implementation of Dual Education in Higher Education of Serbia) je Erasmus+ projekat koji ima za cilj uvođenje dualnog obrazovanja u visokoškolski sistem Srbije. Konzorcijum projekta čine Ministarstvo prosvete, nauke i tehnološkog razvoja, Nacionalni savet za visoko obrazovanje, Univerziteti u: Beogradu, Kragujevcu, Novom Sadu i Novom Pazaru, Univerzitet Metropolitan u Beogradu, Visoka škola elektrotehnike i računarstva – Beograd kao i Ni-Cat klaster iz Niša.

Od stranih partnera učesnici projekta su: FH Joanneum Gesellschaft M.B.H., FORMASUP, University of Lleida, Spoleczna Akademia Nauk, PowMio.



"This project has been funded with support from the European Commission. This 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"



www.metropolitan.ac.rs

Tadeuša Koščuška 63, 11000 Beograd
+381 (11) 20 30 885, info@metropolitan.ac.rs

Bulevar Svetog Cara Konstantina 80A, 18000 Niš
+381 (18) 551 000, info.nis@metropolitan.ac.rs



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
Projectsdates:	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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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.



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)

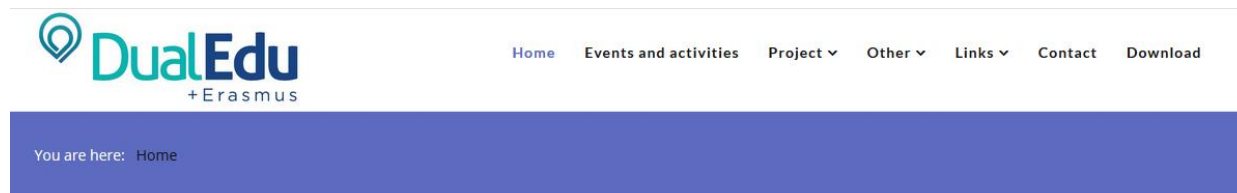
Further activities?

- 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)



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.





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?**

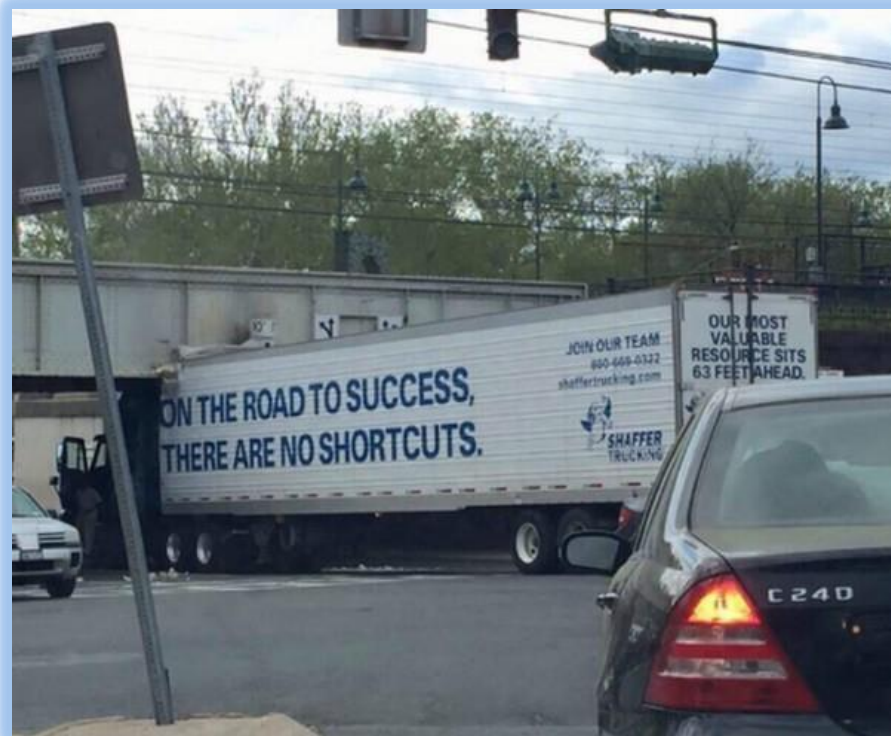
VOTING...



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*