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

DualEdu +Erasmus

# PREVENTIVE MONITORING VISIT

# Preventivna monitoring poseta

Prof. Ph.D. Nenad Zrnić

Doc. Ph.D. Žarko Mišković

# Menadžment projekta – trenutno stanje 14.06.2018.

- Parnership Agreement-i (završeno)
- Prenos sredstava i Aneksi V (domaći i strani partneri) – MPNTR. NSVO – rešavamo sa Briselom (način plaćanja)
- Polugodišnji finansijski izveštaj – preskačemo prvi (do 10. juna 2018.) ili će biti dostavljen naknadno
- Travel report-i označavanje: Home Institution Acronym - Host Institution Acronym - Travel start date - number of participant (UB-UDL- 17.04.2018-1)
- Preventivna monitoring poseta ERAZMUS kancelarije (utorak, 19.6.2018)
- Sastanak 'Modeli stručne prakse kao sredstvo za povećanje zapošljivosti studenata u Srbiji' – ERAZMUS kancelarija, Beograd, 4.7.2018. godine – trebalo bi da prisustvuju bar 2 predstavnika

# Menadžment projekta – trenutno stanje 14.06.2018.

# ANALIZA AKCIONOG PLANA PLANIRANO/OSTVARENO – PO RADNIM PAKETIMA

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

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 (active) for year 1 WP 4-5 - aktuelan

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 - aktuelan

| 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 | | | | | | | | | | | | |

# Analiza stanja projekta po radnim paketima – WP1 – Lead partner: FORMASUP (Nathalie Leroy)

## PLANIRANO

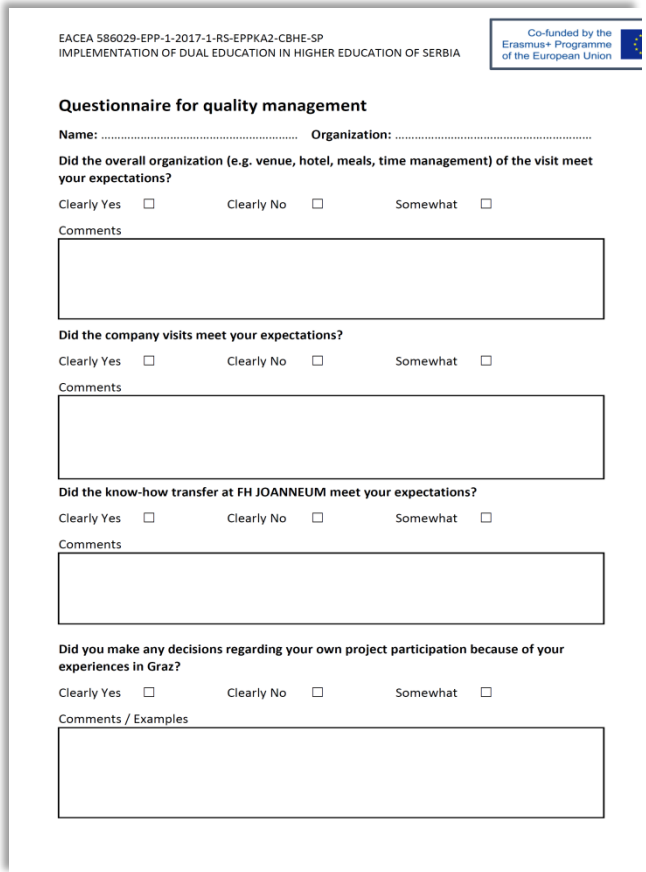
- 1.1 Analysis of EU and worldwide practices and experiences in the DHE; 15.12.2017. – 31.05.2018.
  - At least **10** programmes in DHE in different industrial sectors will be analysed.
- 1.2 Study visits to EU partners; 01.02.2018. – 31.05.2018.
  - **2** day study visits to **5** programme countries 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

# Analiza stanja projekta po radnim paketima – WP1 – Lead partner: FORMASUP (Nathalie Leroy)

## OSTVARENO

- Spremljeni upitnici o utiscima i stečenim znanjima u vezi dualnog obrazovanja za učesnike iz Srbije (poslati mejlom) – rok za dostavljanje popunjenih upitnika: 30.06.2018. godine – 1.1
- Na osnovu dostavljenih upitnika će se završiti Izveštaj 1.1 (imamo radnu verziju na srpskom)
- Završene sve studijske posete partnera iz Srbije stranim partnerima (Francuska, Španija, Poljska, Austrija) – 1.2
- Formirana dokumentacija za svaku od poseta – attendance list-e, fotografije itd. SAJT!!!
- Spremljena četiri izveštaja o studijskim posetama – host countries (treba ubaciti na templejt projekta) – 1.2
- U okviru konferencije 15.06.2018. godine, i kasnije, biće podeljeni upitnici predstavnicima preduzeća iz RS – na osnovu rezultata će biti formiran Izveštaj 1.3 (do sada prikupljeno 17 popunjenih upitnika) – PRVI SUSRET SA PREDSTAVNICIMA PRIVREDE!

# Analiza stanja projekta po radnim paketima – WP1 – Lead partner: FORMASUP (Nathalie Leroy)



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**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

University of Belgrade

DualEdu +Erasmus

Implementation of Dual Education in Higher Education of Serbia
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email: nzrnic@mas.bg.ac.rs

Faculty of Mechanical Engineering

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

# Analiza stanja projekta po radnim paketima – WP2 – Lead partner: BMU (Dragan Domazet)

## PLANIRANO

- 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

# Analiza stanja projekta po radnim paketima – WP2 – Lead partner: BMU (Dragan Domazet)

## OSTVARENO

- Radi se na fleksibilnom modelu dualnog obrazovanja za Srbiju (pokazano na prezentaciji BMU) – 2.1
- Organizovana konferencija 'DUALNO OBRAZOVANJE U VISOKOM OBRAZOVANJU' – 2.2
- Sledeći sastanak – Kragujevac, 4-5. jul 2018 (Steering Committee) – prisustvo obavezno!
- Belgrade Discussion Forum on the proposed DHEM model with key stakeholders and policy makers - datum?

# Analiza stanja projekta po radnim paketima – WP4 – Lead partner: VISER (Goran Dikić)

## PLANIRANO

- 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.

# Analiza stanja projekta po radnim paketima – WP4 – Lead partner: VISER (Goran Dikić)

## OSTVARENO

- Definisani novi spiskovi opreme (predložene izmene)
- Spremljen dopis za Đuliju Moro (standardna forma UB)
- Čeka se dozvola Rektorata Univerziteta u Beogradu za konačno slanje
- Sledeći koraci: definisanje tehničkih specifikacija, priprema tenderske dokumentacije i raspisivanje tendera (očekivano vreme: do septembra 2018)!

# Analiza stanja projekta po radnim paketima – WP5 – Lead partner: FHJ (Maja Dragan)

## PLANIRANO

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

# Analiza stanja projekta po radnim paketima – WP5 – Lead partner: FHJ (Maja Dragan)

## OSTVARENO

- Očekujemo da Quality plan bude završen u narednih 10-ak dana – HITNO!
- Zašto se kasni? Zato što su kolege s JOANNEUMA razumele da se Quality plan odnosi na kvalitet dualnog obrazovanje u Srbiji, a ne na kvalitet implementacije projekta DualEdu
- Nesporazum ali je JOANNEUM-u prosleđen odgovarajući materijal – dobili smo draft verziju sadržaja novog Quality plana i mejl kojim nas obaveštavaju da će Quality plan biti završen do 22. juna 2018.

# Analiza stanja projekta po radnim paketima – WP6 – Lead partner: UNS (Mirko Savić)

## PLANIRANO

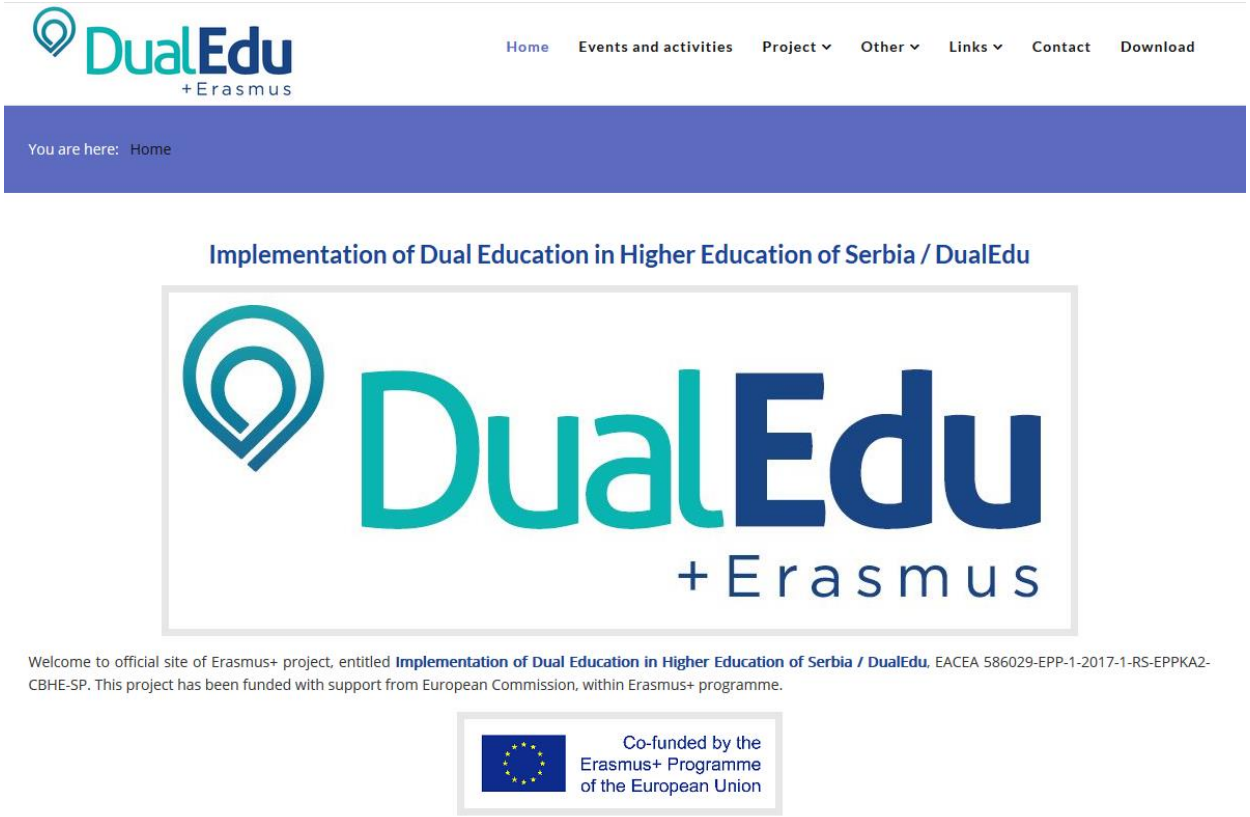
- 6.1. Defining dissemination and exploitation plan
  15.12.2017. – 15.02.2018.
- 6.2. Preparation of dissemination products
  15.12.2017. – 30.09.2020.
- DELIVERABLES:
  - Dissemination and exploitation plan – Report 15.02.2018.
  - Website 15.02.2018.
  - Facebook profile 15.02.2018.
  - Linkedin profile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

# Analiza stanja projekta po radnim paketima – WP6 – Lead partner: UNS (Mirko Savić)

## OSTVARENO

- Kreiran plan diseminacije (dostupan na sajtu DualEdu)
- Koncipirana i puštena u rad Internet prezentacija projekta (koja se redovno ažurira!)
- Aktivirana Trelo platforma – uploadujemo 0-tu verziju dokumentacije
- Napravljena radna verzija roll up banera – predlozi za doterivanje?
- Linkovane veze ka sajtu DualEdu projekta na prezentacijama organizacija učesnica u projektu – AKO NEKA ORGANIZACIJA NIJE LINKOVALA, TREBA TO ŠTO PRE DA URADI!

# Analiza stanja projekta po radnim paketima – WP6 – Lead partner: UNS (Mirko Savić)

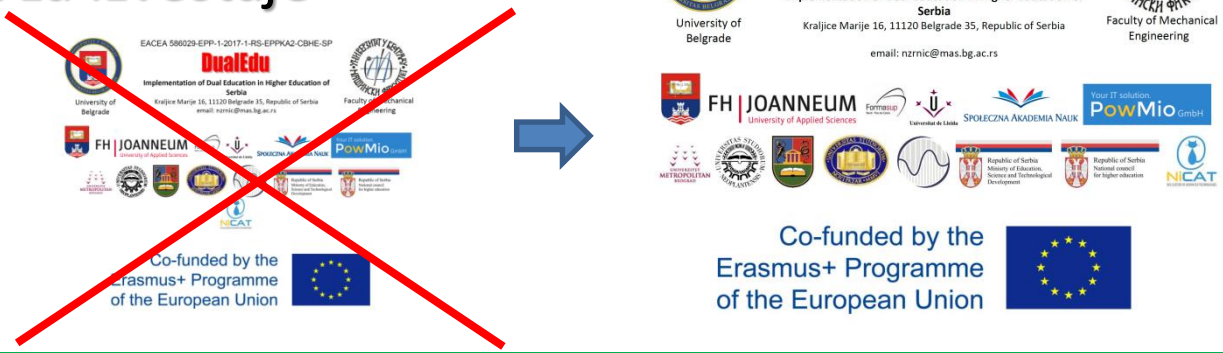





# Analiza stanja projekta po radnim paketima – WP6 – Lead partner: UNS (Mirko Savić)

## ŠTA JOŠ TREBA URADITI?

- Redovno ažurirati vesti na sajtu (informisati kolege iz NS)
- Postaviti sva dokumenta (izveštaje koje smo do sada koncipirali, planove diseminacije i kvaliteta...) na sajt projekta – spremljena tabela dokumenata koja nedostaju
- Ažurirati templejt za Izveštaje



# Analiza stanja projekta po radnim paketima – WP7 – Lead partner: UB (Nenad Zrnić)

## PLANIRANO

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

# Analiza stanja projekta po radnim paketima – WP7 – Lead partner: UB (Nenad Zrnić)

## URAĐENO

- Održana 2 Local Committee meetinga (računajući i ovaj)
- Kompletirana dokumentacija za 1. Local Committee meeting (održan u okviru kick off-a u Beogradu)
- Održan 1 Steering Committee meeting (održan u okviru kick off-a u Beogradu) – sledeći je planiran za jul 2018. (UKG, Kragujevac)
- Formirana dokumentacija – Minutes from the meetings, Attendance lists etc.

# Diskusija?

THANK YOU FOR YOUR ATTENTION!




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