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of the European Union



Strengthening capacities for the implementation of dual education in BH higher education
(DUALSCI)

PROJECT MEETING IN GRAZ

13/10/2021 – 15/10/2021

REPORT OF THE MEETING

| | |
|-----------|---|
| contacts: | <p>DI Hagen H. Hochrinner, hagen.hochrinner@fh-joanneum.at telefon: +43 (0) 316 / 5453-69</p> <p>Mag. Maja Dragan, maja.dragan@fh-joanneum.at, Tel.:+43 (0) 316 / 5453-6925 Mobil: +386 (0) 40 698 459</p> |
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| Project acronym: | DUALSCI |
| Project full title: | Strengthening capacities for the implementation of dual education in BH higher education |
| Project No: | 610251-EPP-1-2019-1-RS-EPPKA2-CBHE-SP |
| Funding scheme: | ERASMUS+ |
| Project start date: | January 15, 2020 |
| Project duration: | 36 months |

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| Abstract | Representatives of higher education, policy makers in HE, representatives of chambers of commerce from BIH travelled to Austria for transfer of knowledge and experiences in the field of dual higher education. |
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|----------------------|---|
| Title of document: | Study visit report in Graz, Austria |
| Work package: | WP 1.2 |
| Activity: | Transfer of knowledge and skills from programme countries institutions to stakeholders in BIH |
| Last version date: | |
| File name: | Dualsci study visit report_Graz |
| Number of pages: | 11 |
| Dissemination level: | Project partners/ Steering Committee |

VERSIONING AND CONTRIBUTION HISTORY

| Version | Date | Revision description | Partner responsible |
|---------|------------|-----------------------------|---------------------|
| v.1 | 18/10/2021 | Draft of study visit report | FHJ |

DISCLAIMER

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AGENDA of the meeting

DAY I – Wednesday 13th October

| FH JOANNEUM, Room EA11.014 | | |
|--|--|--|
| 9:00 – 9:30h | Let's meet! Main entrance of FH JOANNEUM, Eggenberger Allee 11, Graz* Registration of participants | |
| Part I Opening and welcome speeches | | |
| 9:30 – 10:00 | Welcome speeches | Mirko Savic, PhD , project coordinator FH-Prof. DI Dr. techn. Georg Wagner , Head of Institute |
| Part II Dual education at FH JOANNEUM | | |
| 10:00 – 10:30 | Strengthening labor market relevance of education: Case study Kosovo | Louise Sperl, Dr. , WUS Austria |
| 10:45 – 11:15 | Typical dual career? | MSc.E Manuel Pichler |
| 11:15 – 11:45 | The ways of cooperation with companies | Ixaka Egurbide |
| 11:45 – 12:30 | Shortage of skilled employees in technical occupations | DI Hagen H. Hochrinner , Institute of Applied Production Sciences |
| 12:30 – 13:15 | Visit to Technikum (Institute's labs) | All participants |
| 13:30 – 14:30 | Lunch | All participants |
| | | |
| Part III Project activities | | |
| 15:00 – 16:30 | Project coordination activities | Mirko Savic, PhD + All participants |
| | | |
| 18:00 | Sight-seeing (meeting point – Weikhard Uhr) | All participants |
| 20:00 | <i>Dinner</i> – Herzlweinstube (registration!!! 15€) | |

DAY II – Thursday 14th October

| FH JOANNEUM, Company visits | | |
|------------------------------------|---|---|
| 7:45 | Let's start early! Meeting point FH JOANNEUM; Eggenberger Allee 11, main entrance | |
| Part I Title | | |
| 9:00 – 11:00 | Company visit: Gösser (Braunion Österreich), Leoben (https://www.goesser.at/) | All participants |
| 12:15 – 13:15 | Smart FabLab Kapfenberg | Dipl.-Ing. Johannes Dirnberger, BSc |
| 13:15 – 14:00 | Lunch at Mensa Kapfenberg | All participants |
| 14:15 – 15:30 | Industrial Mechatronics – new child in the dual family | Mag. rer. nat. Dr. mont. Wolfgang Belitsch , Head of Degree Programme "Industrial Mechatronics" |
| 17:00 | We are back in Graz | |
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DAY III – Friday 15th October

| FH JOANNEUM, Room EA11.118 | | |
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| Part I Title | | |
| 9:00 – 13:00 | Let's discuss! World Cafe „Expectations and approach to dual/cooperative education“ | All participants |
| | | |
| 13:00 – 14:00 | Lunch (FHJ) | |
| | | |
| 15:00 – 17:00 | Promotion activities of Dual Education programs – BEST Graz (https://www.best-graz.at/) ** | All participants |

** how to get to BEST Graz? <https://www.best-graz.at/anfahrt/>




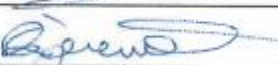
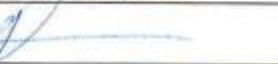




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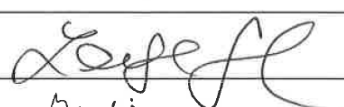
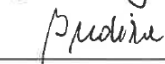



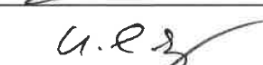
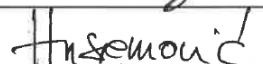

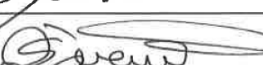


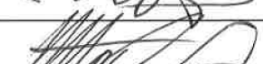


Strengthening capacities for the implementation of dual education in BH higher education (DUALSCI)

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| Meeting: | Study visit Graz 13. – 15. 10. 2021 |
| Date: | 13/10/2021 |
| Location: | FH JOANNEUM, Graz, AT |
| Organized by: | FH JOANNEUM, Graz, AT |


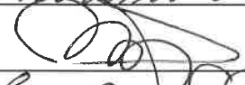
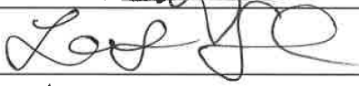

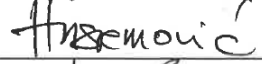

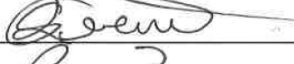


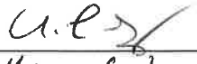
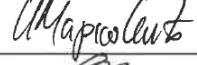

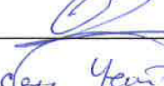
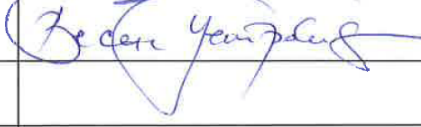
| Name | Organization | Signature |
|-------------------------------------|---|-----------|
| Izabela Marković | Ministry THE1 RS | |
| JOLANA STAREČIĆ | Ministry for Sc. HEARS | |
| EMIR PAŠIĆ | CHIEF OF ECONOMY OFFICE | |
| Louise Spel | WUS AT | |
| Anne Blum | Silesia University of Technology Poland | |
| KLERA RADOVIĆ | CCIRS | |
| Aleksandra Mihaljević Mihaljević | CCIRS | |
| VESNA PETROVIĆ | UN. IST. - ŠKOLAR (VES) FACULTET POSL. EKON. | |
| CRJAN RANUĆ | YUC | |
| Ursula E. Paj | DHBW | |
| Izaka Esarhido | ITH | |
| Bolanyi' Dyon | UES | |
| MIRZA ORUĆ | UNZE | |
| MILIK ĆABRAKVIĆ | UNZE | |
| Judina Mujić Jukić | UNSA | |
| DRŽANA HUSREKVIĆ | UNSA | |

| Name | Organization | Signature |
|-------------------|---|--|
| MIRKO SAVIĆ | UNS |  |
| ŽELJKO ŠEREMET | University of Mostar FSRE |  |
| PETAR MARIĆ | UNIVERSITY OF MUSTAR, FSRE |  |
| Igor Bošnjak | UNIVERSITY OF MOSTAR UNIVERSITY OF MUSTAR |  |
| SPERAN NARUK | UNIVERSITY of EAST SARAJEVO |  |
| MAJA DEGANIN | FHJ |  |
| Magomed-Machimovs | FHJ |  |
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|---------------|-----------------------|
| Meeting: | Study visit Graz |
| Date: | 14/10/2021 |
| Location: | Company visits |
| Organized by: | FH JOANNEUM, Graz, AT |

| Name | Organization | Signature |
|------------------------------------|------------------------|---|
| Louise Spert | WUS AT |  |
| Indira Mujic Jahic' | Bosnia and Herzegovina |  |
| OLIVERA RADIĆ | CHAMBER OF COMMERCE |  |
| Aleksandra Mihajlović Bijelić | CCIRS |  |
| Ixaka Esubide | IHH |  |
| Ursula C. Jg | DHDW |  |
| ĐENANA HUSENOVIĆ | UNSA |  |
| Igor Bošnjak | UNIVERSITY OF MOSTAR |  |
| Željko Šeremet | UNIVERSITY OF MOSTAR |  |
| PETAR MARIĆ | UNIVERSITY OF MOSTAR |  |
| MAJA DRAGAN | FHJ |  |
| Hoyem H. Hochimim "MIRVA SAUIC" | FHJ UNS |  |
| VEŠNA FERROVIĆ | UES |  |
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|---------------|-----------------------|
| Meeting: | Study visit Graz |
| Date: | 15/10/2021 |
| Location: | FH JOANNEUM, Graz, AT |
| Organized by: | FH JOANNEUM, Graz, AT |

| Name | Organization | Signature |
|--------------------|---|---|
| Hochrinner Hagen | FH Joanneum |  |
| Maja DRAGAN | FHJ |  |
| Louise Spertl | WUS AT |  |
| INDIRA MUJIĆ JAHIĆ | ^{UNSA} BOSNIA AND HERZEGOVINA |  |
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| ŽELJKO ŠERBEMET | UNIVERSITY OF MOSTAR |  |
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| Izabela Marević | Ministry of STHEIS RS |  |
| JELENA STARČEVIĆ | Ministry of STHEIS RS |  |
| MIRNA SAVIĆ | UNS |  |
| RESNA KETROVIĆ | UES |  |
| | | |
| | | |

The participants arrived in Graz on Tuesday evening, 12th October.

1st day of the meeting:

The participants were welcomed by the project leader at FHJ DI Hagen H. Hochrinner on 13th October in the facilities of FH JOANNEUM and the project coordinator Dr. Mirko Savić, UNS and the Head of the institute Dr. Georg Wagner, who also answered questions regarding the organization of the dual study programs at the Engineering department. In the second part the participants had the opportunity to listen to several lecturers to the topic of Dual education. Dr. Louise Sperl presented a case study from Kosovo, where a system for applied study programs is currently set up. Mr. Pichler presented his career from the dual student to the lecturer at the PTO study program. Project partner from Spain, Mr. Ixaka Egurbide, was discussing the ways of cooperation with companies in the Basque region. After lunch the whole group visited the Institute's laboratories. In the afternoon Dr. Savić and the steering committee discussed the activities successfully completed till now and a plan was made on the future activities (study visits to Spain and Germany, legal framework in BIH, generic model of dual study programs, reporting of activities).



L. Sperl: Case study – Kosovo
M. Pichler: Typical dual career



H. H. Hochrinner: Dual education in AT

After the sight-seeing tour in Graz and the official dinner the first day was successfully completed.



I. Egurbide: Cooperation with companies



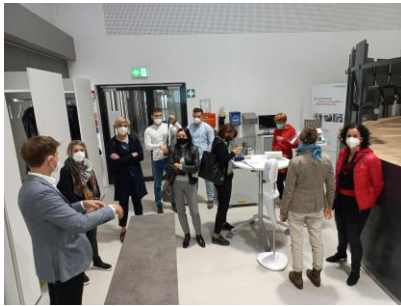
Institute's laboratories



Institute's laboratories

2nd day of the meeting:

On the second day an excursion was organized where the participants visited the company Gösser, where they were welcomed by the dual students from the program PTO – Production technologies and organization and ENP – Engineering and production management as well as one alumni. They are the best example of a long term and successful cooperation between company and university. In the afternoon and lunch the group was hosted by the Smart FabLab in Kapfenberg. The FabLab Kapfenberg is a publicly accessible specialist laboratory housed within the Smart Production Lab at FH JOANNEUM. Anyone, whether a private individual or a business, can use this space to produce items for which they would previously have needed the sort of facilities only available in a small factory. The tour was led by DI Johannes Dirnberger, who is the Head of the FabLab. Finally, the day was complete with the presentation of the new Dual study program at FHJ, Industrial Mechatronics, by the Head of the program Mag. rer. nat. Dr. mont. Wolfgang Belitsch.



J. Dirnberger presenting Smart FabLab



W. Belitsch: Industrial Mechatronics



Visit to FHJ Kapfenberg



Cultural visit to Fuchs church in Thal



Company visit – Gösser

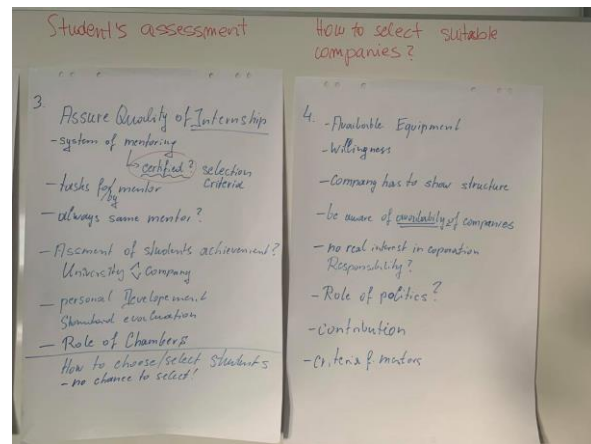
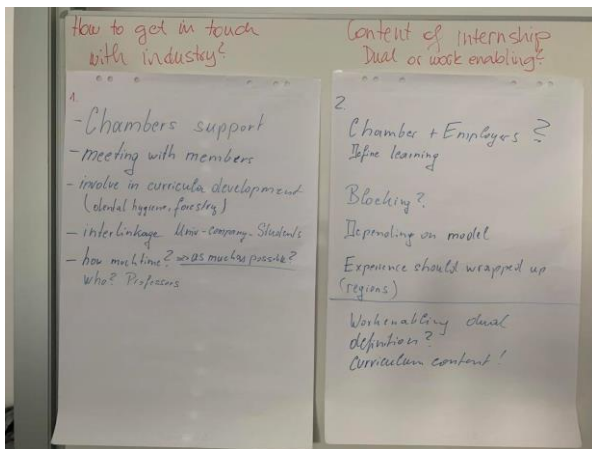


Discussing with dual students at Gösser

3rd day of the meeting:

In the morning session the participants discussed the following questions:

1. How to get in touch with industry? How much time will you probably have to invest in relationship care? Promotion of the dual idea in public?
2. How to define content for the internships? Rhythms for internships? How to differ dual and work enabling?
3. How and who to assess student's performance in internship? Student's assessment and evaluation?
4. How to select suitable company mentors for internships?



Report prepared by: Maja Dragan