

Education, Scholarships, Apprenticeships and Youth Entrepreneurship  
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2021 Cooperation Projects in Higher Education Area  
EMERALD - European network for 3D printing of biomimetic mechatronic systems  
21-COP-0019

## **Transnational Project Meeting 2**

### **Minutes of meeting**

### **31 August - 01 September 2022, Bucharest, Romania**

**Hosted by:** Faculty of Industrial Engineering and Robotics, University Politehnica of Bucharest, Romania

**Location and venue:** Bucharest, Romania, Faculty of Industrial Engineering and Robotics

**Local hosts:** CK 104, Department of Manufacturing Engineering

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#### **Participants:**

Nr.	Name	Organization
1	Diana Irinel Băilă	UPB
2	Nicolae Ionescu	UPB
3	Răzvan Păcurar	TUCN
4	Filippo Sanfilippo	UiA
5	Morten Ottestad	UiA
6	Martin Zelenay	Bizzcom
7	Matej Kurbel	Bizzcom
8	Remigiusz Labudzki	PUT
9	Filip Gorski	PUT

The first day of the Opening and Welcome ceremony began with an introduction from each partner involved (UPB, TUCN, UiA, Bizzcom, PUT), followed by a discussion based on the meeting agenda. In order for every partner to understand the project, the objectives of EMERALD project



were presented and discussed. The project activities and events were also mentioned, as well as the result that should be obtained at the end of the project. The information from ANPCDEFP agency and important aspects concerning the contracts and annexes were presented by Promoter, Mr. Assoc.Prof. Păcurar Răzvan.

The project management concerning the eligibility of the staff members involved in the project, collection of the activity reporting by the coordinator, organization and calendar and the important tools were discussed.

After the coffee break, were presented the role of the leaders of Intellectual Outputs and the validation of the distribution of tasks, as shown in the table bellow.

Intellectual Outputs	Partner
IO1 – EMERALD e-book for developing of biomimetic mechatronic systems	Assoc. Prof. Răzvan Păcurar, TUCN, Romania
IO2 - EMERALD e-toolkit manual for digital learning in producing biomimetic mechatronic systems	Prof. Filippo Sanfilippo, UiA, Norway
IO3 - BRIGHT e-learning VR / AR platform for programming and using of biomimetic mechatronic systems	Branislav Rabara, BIZZCOM s.r.o., Slovakia
IO4- EMERALD e-case studies for project based learning method used in developing, testing and manufacturing of new biomimetic mechatronic systems made by 3D printing technologies	Assoc. Prof. Filip Gorski, PUT Poznan, Poland

At the final of the first day were realized Q&A with partners comments and discussion on the possibility of formation micro-working groups and the day was finished with the lunch break.

In the second day, was started with the financial theme of project and administration rules, concerning:

- Status related to the activity reported so far (timesheets + fulfilling the timesheets) (all partners)
- Status about financial expenses (financial balance) (all partners)
- Aspects related to the next future expenses (that are eligible) and reporting of timesheets

Then, were realized the communication, dissemination and exploitation (incl. Multiplier Events) and it was presented the status of files uploaded on Teams/ drives related to the EMERALD project. In the second day was aborded the Project Implementation in each partner institution concerning the identification of potential calls for applying to future common projects in the frame of EEA grants, ERASMUS, HORIZON programs, signing of ERASMUS bilateral agreements, realizing



common BSc./ MSc. Diploma projects, etc.) (Associate prof. Diana Băilă, University Politehnica of Bucharest, Romania and Branislav Rabara, BIZZCOM s.r.o., Slovakia)

After the coffee break, we set updates, tasks and responsibilities, as:

- State of progress of the production of the Intellectual Output 1 / monitoring / urgent aspects that must be considered for the first Intellectual output (IO1) to be delivered in finalized variant at the EMERALD summer school (Assoc. Prof. Răzvan Păcurar, TUCN, project manager)
- Planning of the production of the Intellectual Output 2 / monitoring / urgent aspects that must be considered for the first Intellectual output (IO2) to be delivered in finalized variant in January 2023 (Prof. Filippo Sanfilippo, University of Agder, Norway)
- Disseminating plan for the entire project (in the frame of the Intellectual Output 4 that is coordinated by PUT Poznan, Poland (Assoc. Prof. Filip Gorski, PUT Poznan, Poland)

Setting of details related to the next following activities to be organized on the EMERALD project, were specified:

- Organizing of Learning Teaching Training activity (summer school) in the period 12-23 September 2022 at the University of Agder, Norway (Assoc. Prof. Răzvan Păcurar, TUCN, project manager and Prof. Filippo Sanfilippo, University of Agder, Norway)
- Organizing of TPM activity in January 2023 (Assoc. Prof. Filip Gorski, PUT Poznan, Poland)
- Organizing of ME activity in February 2023 (Assoc. Prof. Răzvan Păcurar, TUCN, project manager).

At the final of the second day of TPM2, were realized Q&A with partners comments and discussions about financial, dissemination, implementation, future activities planes to be organized in the EMERALD project, responsibilities etc.

The last conclusions concerning the EMERALD Summer School realized at University of Agder Norway, in September 2022, were detailed.

The ending of session of second day was finalized with the lunch break.

At this meeting all the partners brought the declarations for the persons who attended TPM 2. These declarations were verified to be correctly written and signed. Based on these declarations, UPB prepared the certificates of attendance for each participant. Also, the participant list was checked and signed by each participant.

Finally, some general conclusions were drawn from the two-day meeting and the partners presented feedback on the TPM 2. At the final meeting were visited the Campus Research Institute



of U.P.B. and the Research Center of the Faculty of Mechanical Engineering and Mechatronics from U.P.B.



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