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Erasmus+ Programme Key Action 2 Cooperation Partnerships for Higher Education (KA220-HED)

Project No: 2023-1-RO01-KA220-HED-000155412

Project title: European Network for Additive Manufacturing in Industrial Design for Ukrainian  
Context – Acronym: AMAZE

## Minutes of Multiplier Event, Edibon International S.A. company, Madrid, Spain

Hosted by: EDIBON International S.A., Madrid, Spain

Date: 25.04.2024, between 9.00-16.00, c/ Julio Cervera 10, Móstoles Technological Park,  
28935, Madrid (Spain)

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### Participants:

At Multiplier Event participated **54** from different institutes (not involved in project and out of Edibon International S.A. company), 1 participant from **National University of Science and Technology Politehnica Bucharest, Romania** and the employers at **Edibon International S.A. company** from the project participants.

The representatives of the 4 partners are participated: National University of Science and Technology Politehnica Bucharest - Romania, Poznan University of Technology (PUT) – Poland (on-line MS Teams), Yuriy Fedkovych Chernivtsi National University – Ukraine (on-line MS Teams) and EDIBON International S.A. Madrid - Spain.

The Opening and Welcome ceremony began with an introduction from each partner involved (UNSTPB, PUT, EDIBON International S.A., YFCNU), followed by a discussion based on the meeting agenda.

In order for every partner to understand the project, the objectives of AMAZE 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 special guests Mr. Bogdan Bădescu - Economic Counselor from the Romanian Embassy in Madrid, Spain and Prof. Filippo Sanfilippo from the University of Agder, Norway participated at the Multiplier Event (ME1) held at Edibon International S.A. from Madrid, on 25.04.2024.

At the EDIBON International S.A. company (<https://www.edibon.com/en/>) took place the Multiplier Event on “*Research Base Learning Method for Teaching in Additive Manufacturing for Industrial Design*” that started at 9.00, having the participants registration, the event opening with Mrs. CEO Mirian Bonilla, Mr. Bogdan Bădescu - Economic Counselor from the Romanian Embassy in Madrid, Spain and the coordinator of AMAZE project Mrs. Assoc.Prof.Dr.Eng. Diana





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Băilă that making the AMAZE project presentation, presenting main aims, actions, activities and results of the project.



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Agreement number 2023-1-RO01-KA220-HED-000155412  
European Network for Additive Manufacturing in Industrial Design for Ukrainian Context

## MULTIPLIER EVENT OF RESEARCH BASE LEARNING METHOD FOR TEACHING IN ADDITIVE MANUFACTURING FOR INDUSTRIAL DESIGN

Organized by EDIBON International S.A., Madrid, Spain  
in cooperation with the AMAZE project consortium partners

### Agenda Schedule

Date: 25.04.2024, between 9.00-16.00, c/ Julio Cervera 10, Móstoles Technological Park,  
28935, Madrid (Spain)

Hour	Activity
9:00	Registration of participants to the Multiplier Event
9:15	Opening and Welcome ceremony– EDIBON International S.A. company, Madrid, Spain Mrs. Director Mirian Bonilla
9:40	AMAZE Project Presentation Assoc. Prof. Diana Băilă (National University of Science and Technology Politehnica Bucharest, Romania)
10:00	Case Study – Specific Elements in AMAZE Project Assoc. Prof. Diana Băilă (National University of Science and Technology Politehnica Bucharest, Romania)
10:20	Intelligent (Smart) Materials used in Industrial Design - Yuriy Fedkovych Chernytsi, National University, Ukraine Mr. Dean Prof. Igor Fodchuk/ Mrs. Prof. Mariana Borcha
10:50	Applied research teaching methods for additive manufacturing in industrial design, Poznan University of Technology, Poland Prof. Remigiusz Labudzki
11:30	Coffee Break
12:00	Visiting of International EDIBON S.A. company
13:00	Intelligent (Smart) Materials used in Additive Manufacturing Prof. Zaharia Cătălin (National University of Science and Technology Politehnica Bucharest)
13:35	Robotics used in Industry 4.0 - Prof. Filippo Sanfilippo (University of Agder, Norway)
14:00	LEYKOM Company, Bucharest, Romania – Presentation (Additive manufacturing and different 3D parts: SLM, SLA, SLS, etc)
14:30	Industrial Design – Vector for Product Meaning Prof. Andrei Dumitrescu (National University of Science and Technology Politehnica Bucharest)
15:00	Q&A with partners comments and discussions on the possibility of joining different projects / EU consortium / Horizon Europe open calls Networks Closing words / ending of Multiplier Event / Press Conference
16:00	Light lunch





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These project partners presentations and of the guests contributed to the dissemination of the results of the AMAZE project and to the creation of new relationships for the realization of new research projects and making this great event a real success for the AMAZE project.

Intellectual Outputs	Partner
IO1 – AMAZE e-book for developing of complex design industrial parts	Assoc. Prof. Diana Irinel Băilă UNSTPB, Romania
IO2 - AMAZE e-toolkit manual for digital learning in producing complex design industrial parts	Prof. Igor Fodchuk YCHNU, Ukraine
IO3 - AMAZE e-learning VR/AR platform for virtual laboratory	Mirian Bonilla EDIBON International S.A., Spain
IO4- AMAZE e-case studies for project-based learning method used in developing, testing and manufacturing of customized industrial parts by Additive Manufacturing technologies (some 3D models, cases of design or architectural models)	Prof. Remigiusz Łabudzki PUT Poznan, Poland

Two agreements Erasmus+ mobility for students were signed between Edibon International S.A. company and National University of Science and Technology Politehnica Bucharest, Romania for period 2023-2024, respectively between Edibon International S.A. company and University of Agder, Norway, period 2024-2025, grace of AMAZE project dissemination.

Three students from the Faculty of Industrial Engineering and Robotics, National University of Science and Technology Politehnica Bucharest, Romania will realize their practical stages at Edibon International S.A. company, Madrid, Spain in the period July-august 2024 (Ionescu Roxana, Aciobanitei Radu, Tudose Georgiana).

Each partner institution will identify potential calls for applying to future common projects in the frame of ERASMUS, HORIZON programs, EEA grants, signing of ERASMUS bilateral agreements, realizing common BSc./ MSc. Diploma projects, etc.)

Finally, some general conclusions were drawn from the Multiplier Event, and participants completed feedback on ME1. At the end of Multiplier Event ME1, the company Edibon International S.A. was visited.





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