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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 4 (ME4) Poznań University of Technology – PUT, Poland

Hosted by: Poznań University of Technology – PUT, Poland

Date: 04.11.2024, between 9.00-16.00, Street Piotrowo 3, 60-965, Poznań, Poland.

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Participants:

At the Fourth Multiplier Event of AMAZE project, participated **25 persons** from different institutions (not involved in project and out of Poznań University of Technology), and the professors and students from Poznań University of Technology, Poland.

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

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

For every participant to understand the project, the results of Intellectual Outputs (IO1, IO2, IO3 and IO4) and objectives of AMAZE project were presented and discussed. The project activities and events were also mentioned, and the final obtained results at the end of the project.

Participants from different companies as: MATERIALISE NV (Belgium), ViscoTec Pumpen- und Dosiertechnik GmbH (Germany), Omni3D Sp. z o. o. (Poland), **5 foreigner students** from Slovakia, and Portugal, and **20 participants from different Polish institutions**, were interested by AMAZE project results.

Also, students and staff from Poznań University of Technology and other two Romanian students from National University of Science and Technology Politehnica Bucharest participated at this event.





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Manager of AMAZE project, Mrs. Assoc.Prof. Băilă Diana Irinel presented the AMAZE project realizations concerning: the published e-book (IO1), the published e-toolkit (IO2), VR/AR e-learning platform (IO3), e-case studies (IO4) and the research articles accepted and published. The AMAZE project partners sustained different speeches, such as:

- Mr. Dean Prof. Igor Fodchuk and Mrs. Prof. Mariana Borchia from Yuriy Fedkovych Chernivtsi National University, Ukraine, presented *AMAZE – Applied research methods for Additive Manufacturing in Industrial and Architectural Design* – e-case study of Intellectual Output IO4.
- Mrs. Prof. Natalia Wierzbicka, Mr. Prof. Adam Patalas and Mr. Prof. Paweł Zawadzki from Poznań University of Technology, Poland, presented *AMAZE – Experiencing of e-learning platform for Additive Manufacturing in Industrial Design* of Intellectual Output IO3.
- Mr. Sergio Vizcaino from Edibon International S.A. company from Madrid, Spain, presented *AMAZE- Experiencing of e-learning platform for Additive Manufacturing in Industrial Design* of Intellectual Output IO3.

The special guests of this Multiplier Event ME4, were three great companies specialized in Additive Manufacturing and in Reverse Engineering from Belgium, Germany and Poland and they presented their companies as:

- MATERIALISE NV company from Belgium presented the subject of *Rapid Prototyping Development in Chosen Industries*.





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-The company ViscoTec Pumpen- und Dosiertechnik GmbH (Germany) sustained a presentation concerning *3D Print Heads Solutions for Extrusion -Based Additive Manufacturing*.

-The company Omni3D Sp. z o. o. (Poland) presented *Application of industrial 3D printing*.



MULTIPLIER EVENT OF EXPERIENCING OF E-LEARNING PLATFORM FOR ADDITIVE MANUFACTURING IN INDUSTRIAL DESIGN

Organized by Poznań University of Technology
Street Plotowo 3, 60-965, Poznań, Poland
In cooperation with the AMAZE project consortium partners

Agenda Schedule

Date: **04.11.2024**, between 9.00-16.00, Poznań University of Technology,
starting at 9.00, Poznań, Poland

Hour	Activity
9:00	Registration of participants to the Multiplier Event
9:15	Opening and Welcome ceremony- Poznań University of Technology Vice dean: Prof. Filip Górski Project Responsible: Mr. Prof. Remigiusz Labudzki
9:40	AMAZE project results presentation – progress, actions, KPIs, perspectives / details about the event: Assoc. Prof. Diana Băilă (National University of Science and Technology Politehnica Bucharest, Romania)
10:00	AMAZE – Applied research methods for Additive Manufacturing in Industrial and Architectural Design – e-case study - Yuriy Fedkovych Chernivtsi National University, Ukraine. Mr. Dean Prof. Igor Fodchuk/ Mrs. Prof. Mariana Borchia
10:20	AMAZE – Experiencing of e-learning platform for Additive Manufacturing in Industrial Design – Poznań University of Technology, Poznań, Poland Mrs. Prof. Natalia Wierzbicka, Prof. Adam Patajas, Prof. Paweł Zawadzki
10:50	AMAZE – Experiencing of e-learning platform for Additive Manufacturing in Industrial Design – EDIBON International S.A., Madrid, Spain Mrs. Miriam Benito
11:30	Coffee Break
12:00	MATERIALISE NV (Belgium) – Rapid Prototyping Development in Chosen Industries
12:30	ViscoTec Pumpen- und Dosiertechnik GmbH (Germany) – 3D Print Heads Solutions for Extrusion -Based Additive Manufacturing
13:00	B3D S.C. (Poland) – Reverse Engineering in Modern Product Development
13:30	Omni3D Sp. z o. o. (Poland) – Application of industrial 3D printing
14:00	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
15:00	Light lunch



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.

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.)

The general conclusions were drawn from the Multiplier Event, and participants completed feedbacks on ME4.

More information about AMAZE project - **Agreement number 2023-1-RO01-KA220-HED-000155412** can be found on the following link: www.amaze2023.eu.

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