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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 3 (ME3), Yuriy Fedkovych Chernivtsi National University

Hosted by: Yuriy Fedkovych Chernivtsi National University (Ukraine)

**Date: 20.06.2024, between 9.00-16.00, Yuriy Fedkovych Chernivtsi National University
Kotsyubynskyi Str 2 58012, Chernivtsi, Ukraine**

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Participants:

At Multiplier Event participated **20** persons from different institutions (not involved in project and out of Yuriy Fedkovych Chernivtsi National University - Ukraine), and the professors and students from Yuriy Fedkovych Chernivtsi National University - Ukraine.

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

The Multiplier Event on “*Applied research methods for Additive Manufacturing in Architectural Design*” started at 9.00, having the participants registration.

The Opening and Welcome ceremony began with an introduction realized by Mr. Dean Prof. Igor Fodchuk from Yuriy Fedkovych Chernivtsi National University – Ukraine and from each partner involved (UNSTPB, PUT, EDIBON International S.A., YFCNU), followed by a discussion based on the meeting agenda. Mr. Serhii Lukaniuk, Head of the Department of International Relations, Yuriy Fedkovych Chernivtsi National University (Ukraine) presented ERASMUS + KA programme.

The coordinator of AMAZE project, Mrs. Assoc.Prof.Dr.Eng. Diana Băilă from National University of Science and Technology Politehnica Bucharest, Romania presented the Intellectual Output 2 (IO2) results concerning the e-toolkit publishing into AMAZE consortium, and disseminated all results, activities and perspectives of Erasmus+ project.

In order for every participant to understand the project, the results of Intellectual Outputs (IO2) and 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.





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All AMAZE consortium partners sustained their e-toolkit chapters realized into Intellectual Outputs 2 (EDIBON International S.A. company, Spain - Virtual Reality/Augmented Reality and Computer Programming, Poznań University of Technology, Poland - Reverse Engineering, Smart (Intelligent) Materials, Yuriy Fedkovych Chernivtsi National University, Ukraine - CAD/CAM/CAE design for the complex industrial and architectural parts and Smart (Intelligent) Materials and Politehnica Bucharest – Additive Manufacturing and Sensors and Electronics).

The special guests of this event, were Mr. Yaroslav Boyko (Head of the Ukrainian National Union of Architects in the Chernivtsi region, Chernivtsi, Ukraine), Prof. Petro Kovalchuk (Head of the Traumatology and Orthopedics Department in Bukovinian State Medical University) and Mr. Igor Zhytar (Head of the planning and financial department of Vodogray LLC).

This Multiplier Event ME3 of AMAZE project had a great visibility, very much personalities from Chernivtsi region, Ukraine participated at this event, such as: Mr. Vasyl Zazulyak (Deputy mayor of Chernivtsi), Mr. Yaroslav Pavlik (Head of the department of housing and communal services in Chernivtsi), Mr. Yaroslav Kushniryk (Deputy General Director of the utility enterprise Chernivtsivodokanal for the development), Mr. Dmytro Domitryuk (Chef architect of the Chernivtsi), Mr. Oleg Pikuschenko (Head of the Architectural Chamber of Ukraine), Mr. Yaroslav

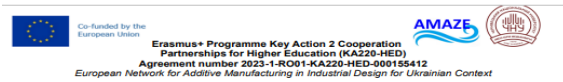




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Boyko (Head of the Ukrainian National Union of Architects in the Chernivtsi region), Mr. Marian Stasyuk (Guild of designers in construction in Chernivtsi region), Mr. Doctor Viktor Polyovyi (Head of the General Surgery Department in Bukovinean State Medical University, Chernivtsi) and Mr. Doctor Petro Kovalchuk (Head of the Traumatology and Orthopedics Department in Bukovinean State Medical University, Chernivtsi).



MULTIPLIER EVENT OF APPLIED RESEARCH METHODS FOR ADDITIVE MANUFACTURING IN ARCHITECTURAL DESIGN

Organized by Yuriy Fedkovych Chernivtsi National University (Ukraine)
in cooperation with the AMAZE project consortium partners

Agenda Schedule

Date: 20.06.2024, between 9.00-16.00, Yuriy Fedkovych Chernivtsi National University (Ukraine), starting at 9:00, Chernivtsi, Ukraine

Hour	Activity
9:00	Registration of participants to the Multiplier Event ME3
9:15	Opening and Welcome ceremony - Yuriy Fedkovych Chernivtsi National University (Ukraine), Dean Prof. Igor Fodchuk
9:30	AMAZE project and Erasmus+ KA Programme - Serhii Lukatskiy, Head of the Department of International Relations, Yuriy Fedkovych Chernivtsi National University (Ukraine)
9:40	AMAZE project overall presentation - progress, actions, KPIs, perspectives / results and details about the event - Additive Manufacturing & Sensors and Electronics Assoc. Prof. Diana Băilă (National University of Science and Technology Politehnica Bucharest, Romania)
10:10	AMAZE - Applied research methods for Additive Manufacturing in Architectural and Industrial Design/ Smart (Intelligent) Materials - e-book and e-toolkit - Yuriy Fedkovych Chernivtsi National University, Ukraine Mr. Dean Prof. Igor Fodchuk/ Mrs. Prof. Mariana Borchia
10:30	AMAZE - Applied research methods for Additive Manufacturing in Architectural and Industrial Design/ CAD/CAM, CAE - e-book and e-toolkit - Yuriy Fedkovych Chernivtsi National University, Ukraine / Mrs. Prof. Natalia Vatanenik
10:50	AMAZE - Applied research methods for Additive Manufacturing in Architectural and Industrial Design/ Reverse Engineering/ Smart (Intelligent) Materials) - e-toolkit - Poznan University of Technology, Poznan, Poland Mr. Prof. Romuald Labudzki/ Mrs. As. Prof. Natalia Wierzbicka
11:10	AMAZE - Applied research methods for Virtual Reality/Augmented Reality/ Computer Programming - e-toolkit - EDIBON International S.A., Madrid, Spain Mr. Fernando Martinez & Mr. Sergio Vizcaino
11:30	Coffee Break
12:00	Modern technologies in Architectural and Building design - Mr. Yaroslav Boyko, Head of the Ukrainian National Union of Architects in the Chernivtsi region, Chernivtsi, Ukraine
13:00	3D construction in rehabilitation measures of civilian and military patients - Prof. Petro Kovalchuk, Head of the Traumatology and Orthopedics Department in Bukovinean State Medical University, Chernivtsi, Ukraine
13:30	The life cycle management of the development project - Mr. Igor Zhytar, Head of the planning and financial department of Vodograi LLC, Chernivtsi, Ukraine
14:00	Visit to the laboratories of the Faculty of Architecture, Construction and Applied Arts the Department of Information Technology and Computer Physics
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
16:00	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 feedback on ME3.

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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