

CALLME

EC Project Number: 2022-1-RO01-KA220-HED-000087703

Project title:

**Collaborative e-platform for innovation and educational
enhancement in medical engineering**

REPORT

Project Title	Collaborative e-platform for innovation and educational enhancement in medical engineering
Report	Information event at University of Liepaja, Liepaja, Lielā iela 14, Latvia
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Contents

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1. Brief description of CALLME Project

The goal of the CALLME project is the implementation of a new educational methodology (NEM) and STEM (science, technology, engineering, mathematics) based on molecular (atomic) learning within the existing educational (teaching) processes in medical engineering. This methodology will have impact on several curricula and courses (which will be presented as project outputs). In addition to NEM, another important product will be an open e-platform (E-COOL) for cooperation and knowledge exchange, which will enable the application of NEM, a molecular network structure of elements belonging to the so-called the "triangle of knowledge" (business, innovation, higher education institutions), improvement of existing and creation of new curricula and programs at higher education institutions.

The objectives of CALLME project are: Formation of a network for medical engineering and education that will enable the exchange of knowledge and cooperation primarily between higher education, business and state institutions; Application of New Educational Methodology (NEM) and Science, Technology, Engineering and Mathematics (STEM) principles in existing learning material and formation of basic principles for creating future curricula for higher education and business sector; Creation of a web platform (E-COOL Smart Content Management System) that will enable the integration of the formed network and the application of principles for creating courses based on the NEM and STEM approach; Promoting network and NEM access and achieving sustainability using the developed ECOOL platform and other resources.

The consortium that was formed to realize this project consists of:

- Technical University of Cluj-Napoca, Romania, Romania (coordinator)
- University of Nis, Serbia
- Technical University of Riga, Latvia
- University of Dublin, Ireland
- University of Kragujevac, Serbia
- G.M Eurocy Innovations LTD, Cyprus

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2. Summary of the teaching event

Riga Technical University collaborates with the University of Liepaja in particularly in the field logopaedic- physics of speech and of hearing. Therefore, the students of the University of Latvia are interested in information about the CALLME project dealing with biomedical engineering area.

The presentation given by Prof. Yuri Dekhtyar from Riga Technical University inspired a great interest from the students of the University of Liepaja. They in particularly were interested in availability of the project teaching materials and atomic-molecule approach.

3. Attendance

Forty four students of the University of Liepaja (Logopaedic BSc study program) attended the even. The students discussed possible ways to employ the project results in their field.

The photo below has taken the moment of the presentation and discussion during the event.



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