

Minimizing the influence of coronavirus in a built environment (MICROBE)**Newsletter 2****Programme:** Erasmus+**Project №:** 2020-1-LT01-KA203-078100**Duration:** 01/11/2020 – 30/04/2023**Partners****Vilnius Gediminas Technical University**<https://vilniustech.lt/index.php?lang=2>**Vilnius City Municipality**<https://vilnius.lt/en/municipality/>**Institute for Training of Personnel in International Organizations, Bulgaria**www.itpio.eu**Tallinn University of Technology**<https://www.taltech.ee/en>**UNIVERSIDAD DE GRANADA****University of Granada**<https://www.ugr.es/en/>**fondazione
innovazione urbana
Foundation for Urban
Innovations**<http://www.fondazioneinnovazioneurbanait/en/urban-innovation-plan>**Comune di Bologna****Municipality of Bologna**<http://www.comune.bologna.it>**BRIEF OVERVIEW**

The transnational MICROBE project aims to enrich university education with modules designed to respond to the concrete needs of the labor market and companies, with a particular focus on demands and needs arising from the COVID-19 pandemic, which affected built environment and educational systems worldwide, posing problems and requiring relevant measures. One possible solution of these problems is improvement of education in minimizing the influence of coronavirus and negative emotions in a built environment by behavioral change (hereafter MICROBE education). The project also makes use of innovative technologies such as video Neuroanalytics and Web-based opinion analytics to develop methods of protection against COVID-19 and to reduce the impact of the economic depression starting with the built environment and with the assistance of 3 new personalized MOOC modules. MICROBE sets a long-term objective of reinforcing the relationship between universities and the scientific and educational world on the European level.

MAIN RESULTS

- Intellectual output 1: Personalized MOOC Modules on minimizing the influence of coronavirus and negative emotions in a built environment by applying behavior change (MICROBE);
- Intellectual output 2: Development, testing and improvement of the MICROBE Method;
- Intellectual output 3: Development, testing and improvement of the MICROBE System.

ACTIVITIES

Two trainings of teaching staff and public employees were organized.

The first one "Multidisciplinary, personalized MICROBE learning materials and MOOC modules training," was hosted by TalTech, Tallinn – leading partner of IO2 – and held online on 17-18-19 January 2022. The goal of the first training event was to have a synopsis, understand and study to use the MICROBE learning materials and MOOC modules practically. The training dealt with aspects and contents related to 3 new harmonized multidisciplinary personalized MICROBE learning materials and MOOC modules on consumer behavior change related to minimizing the influence of COVID-19 and negative emotions in built environment, to enhance the quality and relevance of education in participating universities to global issues.

The objective of the second training, "MICROBE System training", hosted by VilniusTech, Lithuania, and held F2F on 9-10-11 November 2022, was to introduce and learn to use the MICROBE system practically. The MICROBE system is composed of three parts:

1. Video Neuroanalytics.
2. Web-based opinion analytics.
3. Recommender System for the Protection against COVID-19 and Depression Reduction in Built Environment, to be done together by all consortium partners.

The 3-day training programme included presentations and case studies, focusing on key performance indicators and their weights, and a practical visit of Vilnius city.

