



Faculty of History and Philology



Business driven problem-based learning for  
academic excellence in geoinformatics / GEOBIZ

## Second LLL course of University of Tirana

FHF organized on April 27<sup>th</sup>-28<sup>th</sup>, 2022, the second LLL course in SIG (Geographic Information Systems), in the framework of the GEOBIZ project – Problem-based and business-oriented learning to achieve academic excellence in Geoinformatics" co-financed by the Erasmus + Program of the EU.

The LLL course: "Creating thematic spatial data by digitising scanned source maps", which was attended by 25 participants, was led by Dr. Adelajda Halili with the help of Prof. asoc. Dr. Sonila Papathimiu.

In this training, participants received theoretical information for the creation of spatial data from the digitization of detailed plans for urban planning and practiced a case study for the territorial development of the Municipality of Tirana. The training focused on the basic concepts and techniques of data processing from different formats (raster, vector, table).

The purpose of the case study used for the training is related to the use of data from various institutions such as AKSHI (National Agency of ICT) and the Municipality of Tirana. The case study was focused on:

- a. Georeferencing of scanned plans using the coordinates of identified points;*
- b. Conversion of scanned raster images to a vector data set.*
- c. Adding data from other layers or tables.*

All participants were provided with certificates, which were handed to them at the ceremony held at the end of the training.