



HeritageBIM project assumptions



Erasmus+

Key Action 2: Strategic Partnerships
Contract No. 2020-1-PL01-KA203-081942

- **Project:**

Heritage BIM - enhancing digital competences of students of Architecture

- **Implementation period:**

01/09/2020 – 31/08/2023

- **Aim of the project:**

Implementation of comprehensive approach to the analysis, planning, protection and use of historic buildings through the use of BIM in teaching students in field of architecture.

Topic of project is introduction of BIM (Building Information Modeling) system and software to the process of teaching heritage protection at studies in field of architecture.

Heritage BIM project partners

Partner Universities:

- **Politechnika Lubelska, Poland**
- **Politecnico di Milano, Italy**
- **Vysoke Uceni Technicke v Brne, Czech Republic**

Non-academic Partners:

- **BOSCO studio, Poland**
- **Harpaceas, Italy**
- **Allplan Česko, Czech Republic**

Activities within Heritage BIM project

- **WP₁ Development of BIM technology methods for the implementation of projects for the protection and management of historic buildings**
- **WP 2 Development of the syllabus and didactic materials for Heritage BIM course**
- **WP 3 Pilot implementation of Heritage BIM course at universities participating in the project**
- **WP 4 Management, coordination and evaluation of the project**
- **WP 5 Multidirectional dissemination of the Project**

Heritage BIM project Intellectual Outputs:

- **O1 Sheet of the Technical Condition Assessment for the Historic Building**
- **O2 Instruction of Historic Buildings Inventory**
- **O3 Didactic material - inventory patterns of selected types of monuments**
- **O4 Syllabus for Heritage BIM course**
- **O5 Handbook presenting all stages of documentation for the protection and development of historic buildings in BIM software.**

Heritage BIM project training activities:

Short-term joint staff trainings of academic teachers who will conduct Heritage BIM course:

- **Training on 3D laser scanning**
- **Training on modelling in BIM**
- **Training on design of historic buildings in BIM.**

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