Archiving 70 3D Digital models

The main objectives of the *City memories: visualizing change in three European capitals* project are to develop new ways of serving demands and usages for historical building drawings preserved in archival collections. Budapest City Archives (BCA) cooperates with Ybl Miklós Architectural Faculty of the Óbuda University (YBL) in a pilot project in the framework of which digitized drawings are used in the training course of 3D Digital Modelling of Historic Buildings. Our task is to develop roadmaps and methods of long-term archiving and further utilization for the public of the 3D models created in the training process and to publish a best practice guide. (T2.3)

Deliverable 2.4 (D7) is connected to this task with 70 3D models being archived in BCA. The list of the models is submitted in D3.4.

The pilot project itself, the methodical problems of modelling, transferring and ingesting the models into the archival system, archival arrangement and description and the insights gained from the project and described in detail, raising of further questions and problems in D2.5 (D8) Best Practice Guide on Archiving 3D models of Historical Buildings.

The 70 models are archived for long-term preservation in the closed system of the Digital Repository of Budapest City Archives. The file format is .pla which contains all the model elements. According to Open Archives Information Model principles the Archival Information Package (digital objects and metadata) are not accessible. For any type of usage Dissemination Information Package should be created. Versions of the models in .obj format, which contain not full elements of the model but serve visualization and web communication.

Metadata of the 70 models are accessible via Digital Archives Portal under Reference Code HU BFL XV.17.i.2.b (Title: A BFL-ben őrzött tervtári anyagokból készült 3D modellek – 3D models based on drawings preserved in BCA)

https://www.eleveltar.hu/digitalis-tartalom?source=bflscope&ref=bflscope::6466829

(After selecting "Full archival structure" right on the top you can open the subordinate units under HU BFL XV.17.i.2.b and look at the metadata of the individual models.)