



Virtual Building Damage Identification – The wall in Mauerbach

Sustainable Places

Nice

7th – **9**th **September 2022**

Co-funded by the European Union



Main topics



Object



Digitise training for traditional skills



Advantages of a virtual assessment



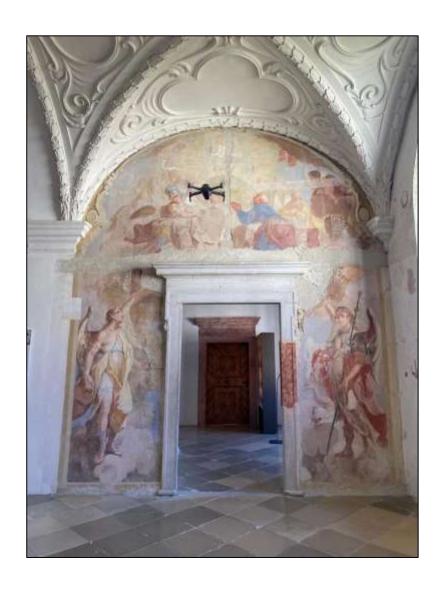
Try it out!



The object





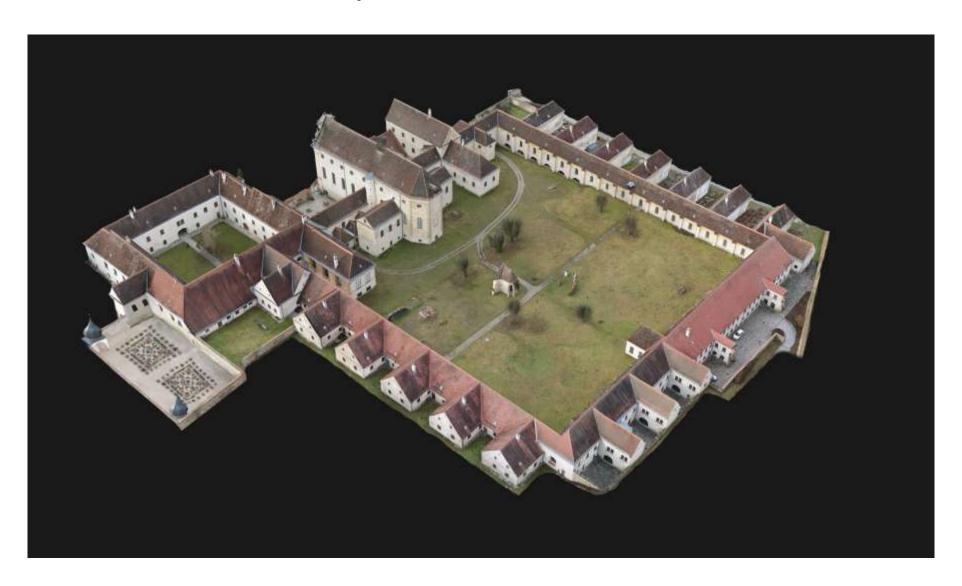








Mauerbach facility





3D Model

- https://p3d.in/AELBi
- Reality Capture
- Model is downsized online
- Quality = application size
- Made out of pictures with a Dji drone
- Laserscans are a future possibility
- Fast method





Advantages of a virtual assessment





Advantages of virtual assessments

- Reuse of the model
- Better accessibility
- Better restoration estimates
- More accurate cost estimates
- Easier calculation of incurred costs and orders
- Cost savings
- Possible change of the tendering system and billing system
- Better access for several experts based on one recording
- Independent from weather conditions
- Reduced number of on-site visits





Disadvantages of virtual assessments

- Contact with the object
 - Haptic
 - Wet or dry
 - How is the stone itself
- Cannot be applied to all projects
- Possible orientation problems



TRY IT OUT!



THANK YOU FOR YOUR ATTENTION!



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https://www.projektweltburghauptmannschaft.eu/en/event/flip-1increas www.vi-train.eu

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Pilot project of the EU Commission





