



Virtual Building Damage Identification – The wall in Mauerbach

Sustainable Places

Nice

7th – 9th September 2022

Co-funded by the
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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!



www.increas.eu

<https://www.projektwelt-burghauptmannschaft.eu/en/event/flip-1-increas>



gerald.wagenhofer@ubw-wagenhofer.at
coordination@increas.eu

www.vi-train.eu

<https://www.projektwelt-burghauptmannschaft.eu/event/vi-train>

gerald.wagenhofer@ubw-wagenhofer.at
coordination@vi-train.eu

Pilot project of the EU Commission



Erasmus+ project



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