

# WEAVER 3D Asset Manager

Host, view, share and measure  
complex 3D models of cultural  
heritage

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Connecting Europe Facility



# WEAVER 3D Asset Manager

Host, view, share and measure  
complex 3D models of cultural  
heritage

Let's go!

# Needs and purposes?

- Ability to safely host large 3D models of cultural heritage
- Ability to view large 3D models of cultural heritage – fast and without special software
- Ability to measure distances, height, surfaces and angles within 3D model
- Easy integration of 3D content with Europeana

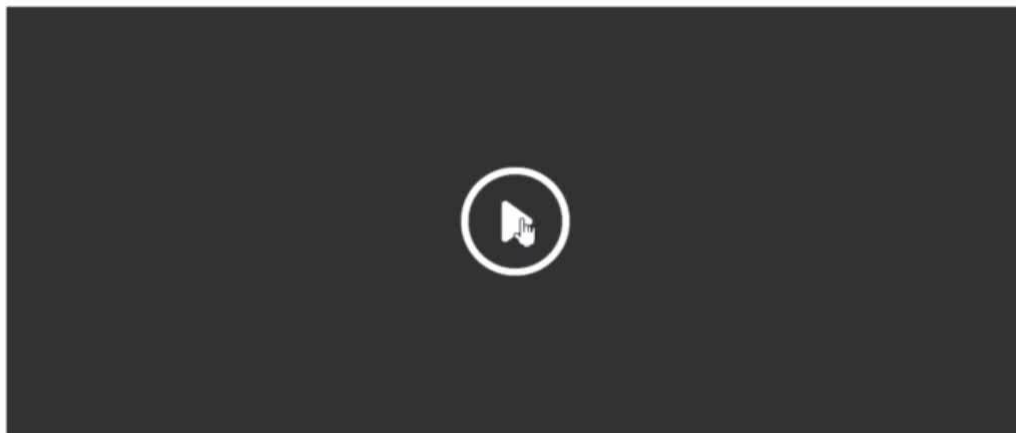
# How 3D Weaver solves the challenges?

- Ability to safely host large 3D models of cultural heritage  
→ Reliable hosting in Arctur's Data Centre in Slovenia
- Ability to view large 3D models of cultural heritage – fast and without special software  
→ Progressive loading of data where the quality improves with time and zooming in
- Ability to measure distances, height, surfaces and angles within 3D model  
→ Easy-to-use integrated tools in the viewer
- Easy integration with Europeana  
→ Generation of XML (in EDM format) and aggregation through Photoconsortium

200+ assets, 11 categories, 7  
time periods

A group of people, including men and women, are captured in a traditional dance performance. They are wearing white shirts and dark vests or skirts. The background shows a hazy, mountainous landscape. The image is partially obscured by a white diagonal line that separates it from the text below.

[weave-3dviewer.com](http://weave-3dviewer.com)

[← Back](#)[Publish to europeana](#)

## Idrija – Kamšt water wheel with a water canal and a dam

Slovenia / [Industry and mining](#)

Early New Age (16-18 Century)

Kamšt is a device for pumping water from the Idrija Mercury Mine built in 1790 and operational for 158 years. Water from the Idrija River arrived at the 13.6-metre wooden power wheel along water canals (take) and powered the pump, which drained water from the mine via a pumping mechanism. The mercury heritage of Idrija and that of the Spanish Almadén is on the UNESCO World Heritage List.

Latitude: 45.9988822215758 / Longitude: 14.0325371268532 /


[← Back](#)

## Edit asset

Private

Asset is private and only visible to you. Review is required.

Model \*

  
Drag and drop files here or [browse](#)

Name \*

Country \*

Category \*

ID \*

Time span

Example: 13th Century

Historical period \*


Description \*

Website

Website

Licence

Thumbnail \*



Drag and drop files here or [browse](#)

### Location

Longitude

Latitude

Altitude

### Model data

Data provider

Client / Financier

Rights holder

Year of creation

Accuracy

Accuracy report

Digital capture technology

Digital capture hardware



Accuracy report

Digital capture technology

Digital capture hardware

Data processing software

Publish to Europeana

**i** Current chosen licence does not permit publishing to Europeana. Pick one of this licences:

Attribution - NoDerivs

Attribution - NonCommercial

Attribution - NonCommercial-ShareAlike

Attribution - NonCommercial-NoDerivs

IN COPYRIGHT - EDUCATIONAL USE PERMITTED

NO COPYRIGHT - NON-COMMERCIAL USE ONLY

NO COPYRIGHT - OTHER KNOWN LEGAL RESTRICTIONS

Public Domain Mark 1.0

Save

Preview

Send to review

Delete

Show asset history

## Publish checklist

Required fields to fill before you can publish

Save form

Category

Description

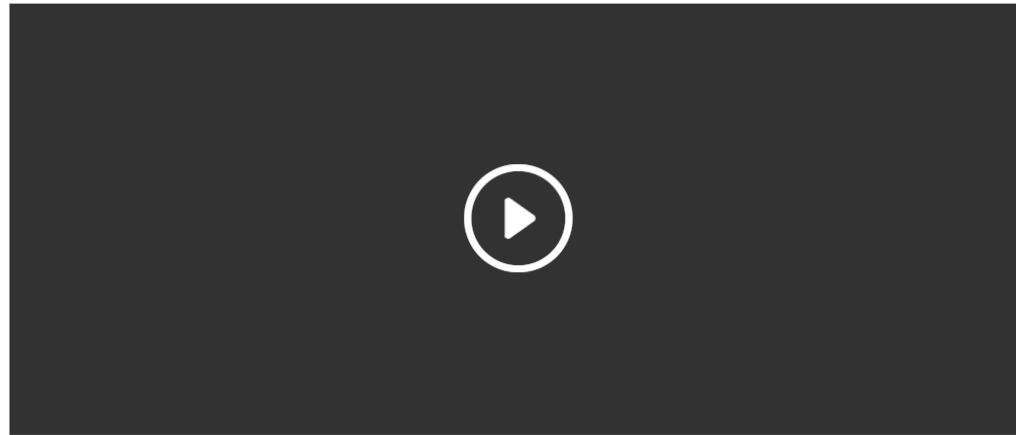
identifier

Thumbnail

Country

Historical period

Model

[← Back](#)

## Gornii Grad - Fountain

### Review

 User requested that asset is published to Europeana.

#### Review comment

Message to user...

[Publish](#)[Request changes](#)

## Future development:

- new measurement tools (volume) and camera tools (helicopter, bird view ...)
- faster and better progressive loading
- citizen science functions (annotations by citizens)

- Sustaining the platform long-term
- Connecting NFT (blockchain) to control the use of 3D models by users

**Try it yourself!**



[weave-3dviewer.com](http://weave-3dviewer.com)

# Questions?

# Need help?

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