

# **EUreka3D Data Hub**

## **Demo Event**

**15 December  
2023**

**10.30 - 12 h CET  
online**

**EUreka3D: Implementing a Data Hub and services  
in the Data Space for Cultural Heritage**



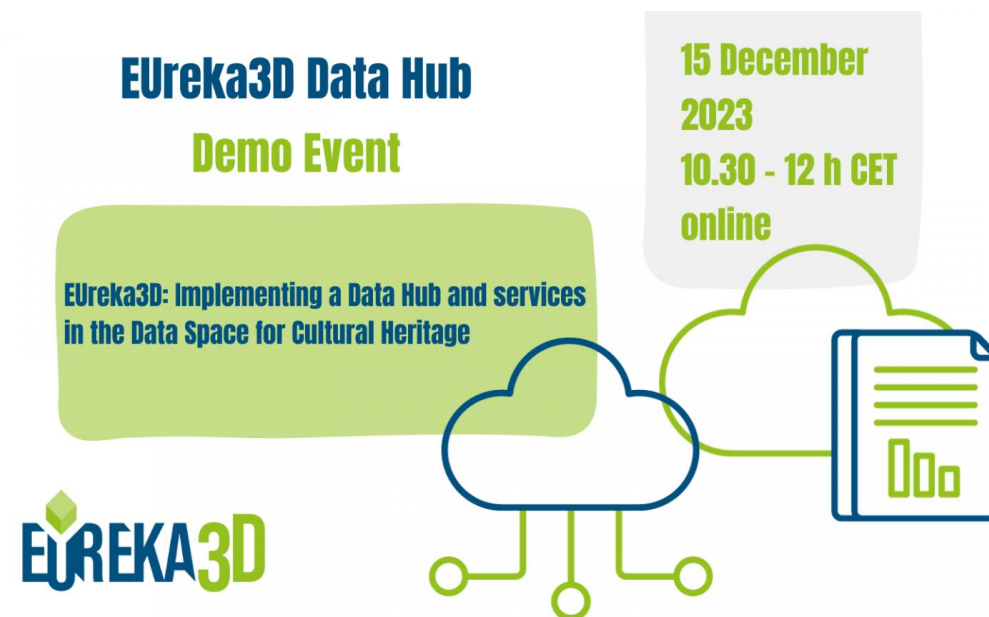
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# Welcome to our demo event!

Our project EUreka3D is creating cloud services, storage and tools for CHIs in need of handling (3D) cultural collections, proposing alternatives to sketchfab and other private providers, often set outside Europe.

Today we are very happy to present the development of the EUreka3D Data Hub.

You are warmly invited to provide any question, feedback, requirements in the Q&A function at the bottom of your screen.



# Today's programme

Brief intro about EUreka3D

*Antonella Fresa, Photoconsortium*

EUreka3D Data Hub: features and workflow

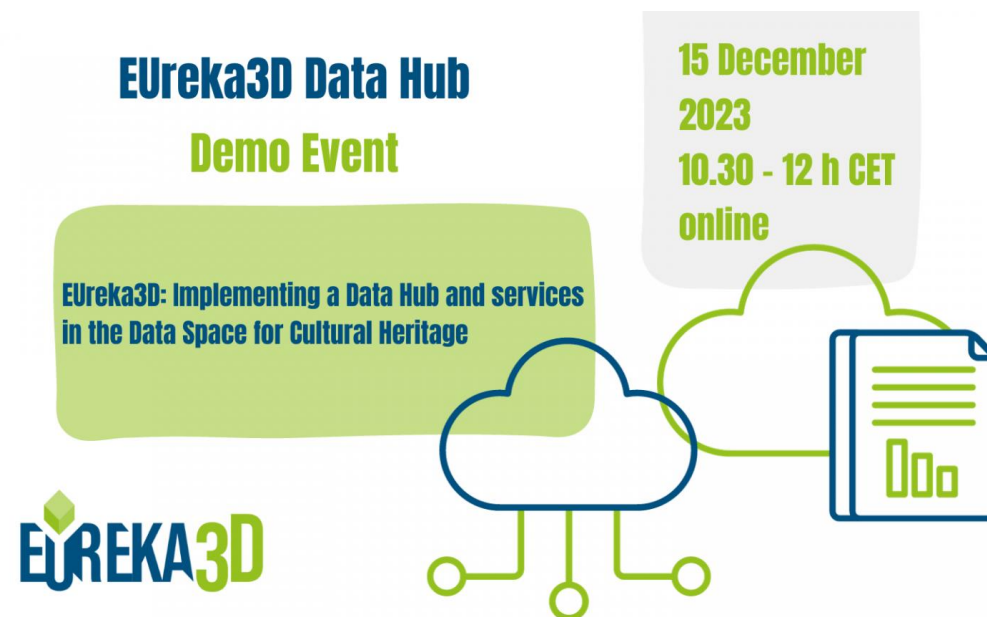
*Ignacio Lamata Martinez, EGI*

Onboarding in EOSC European Open Science Cloud

*Renato Santana, EGI*

Q&A and conclusions

*Valentina Bachi, Photoconsortium*



# EUreka3D project

Implementing a Data Cloud and services in the Data Space for Cultural Heritage

# Current scenario and challenges

A recent Recommendation by EC demands CHIs for a **bigger effort in digitization**, especially but not limiting to digitization of built heritage in 3D and digitization of heritage at risk.

The digitized collections should be **made available online** to the various stakeholder communities (researchers, creative industry, education, tourism, and of course general public) with possibility of reuse.

In particular, **Europeana is the flagship project** of the EU to provide online visibility and access to the digitized collections, and is at the basis of the European common data space for cultural heritage.

CHIs need to be supported with **capacity building, standards and guidelines, resources and tools** for data and metadata creation, management and sharing.

# Eureka3D project 01/01/2023 – 31/12/2024

Eureka3D is an EU co-funded project to support digital transformation of the cultural heritage sector, with a specific focus on 3D (but not limiting to that).

**Capacity building programme, e-services and computing and storage resources** are at the basis of a **data hub** piloting action that involves e-infrastructure providers and cultural heritage institutions.

Aggregation of new collections in Europeana, communication and impact assessment complement the work of the project.

**Website:** <https://eureka3d.eu>

**Blog:** <https://www.digitalmeetsculture.net/projects/eureka3d-blog/>

# Core activities in 24 Months

## e-infrastructure services development including:

- Access to **European computing and storage resources**
- Methods on **authorization and authentication** with different levels of interaction with users
- **Visualization tools** for showcasing and sharing 3D models of different formats and size
- Publication of services on the **European Open Science Cloud (EOSC)**

## Capacity building action on:

- Implementing 3D digitization of objects ex-novo and assessing quality of existing 3D collections against the **VIGIE 2020/654 Study** recommendations
- **Impact assessment** of high-quality 3D digitization workflows on CHIs
- Integrating **data, metadata and paradata** in Europeana Data Model
- **Events** in presence and online for the community at large

Eureka3D

European Union's REKconstructed content in 3D

Eureka3D is a project funded by the Digital Europe Programme of the European Union, to support the digital transformation of the cultural heritage sector, by offering capacity building, training and new services to Cultural Heritage Institutions, facing the challenge of advancing in the digitization effort, especially in 3D digitization, access, storage and sharing.



News from Project's Blog



[Transforming heritage: from 2D to 3D digitisation – webinar series](#)

Online, Friday 27th October, 10th November, 1st December 2023 International Council on

[Archives and \[...\]](#)

Events from the Project

Transforming heritage: from 2D to 3D digitisation Webinar Series

27 October  
10 November  
1 December  
2023

Transforming heritage: from 2D to 3D digitisation Webinar series

[www.eureka3d.eu](http://www.eureka3d.eu)

[info@eureka3d.eu](mailto:info@eureka3d.eu)



YouTube

FOLLOW US!

Monday, 23 October 2023

WEBSITE HIGH QUALITY 3D DIGITIZATION (Vigie Study 2020/654) EUROPEANA

European Union's REKconstructed content in 3D

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RELEVANT NEWS from Digitalmeetsculture

PRESENTATION OF THE PROJECT

 **Eureka3D – European Union's REKconstructed content in 3D**  
The Eureka3D project addresses the growing need of enabling the digital transformation of the Cultural Heritage sector. It is a 24 months project funded in the Digital Europe Programme of the European Union. The digital transformation comes from a decades-long... [Continue reading →](#)

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CONSORTIUM


IN FOCUS

**Transforming heritage: from 2D to 3D digitisation Webinar Series**  
27 October  
10 November  
1 December  
2023  
Webinar 1: Friday 27 October, 14.30-15.30 CET  
World day of archaeological heritage: Being digital, being standard. Guidelines for digitisation of cultural heritage  
  
ICA EUREKA3D  
International Council on Archives  
European Union's REKconstructed content in 3D

Online, Friday 27th October, 10th November, 1st December 2023  
**Transforming heritage: from 2D to 3D digitisation – webinar series**  
International Council on Archives and Eureka3D consortium organise a series of webinars on 3D digitisation and digital transformation of cultural heritage. The three sessions focus on the quality guidelines for cultural heritage digitisation, the use of 3D digitisation for ... [Continue reading →](#)

 The event with the title: "Re-envisioning Cultural Heritage Documentation in the Metaverse Age" will focus on the training of scholars, stakeholders and

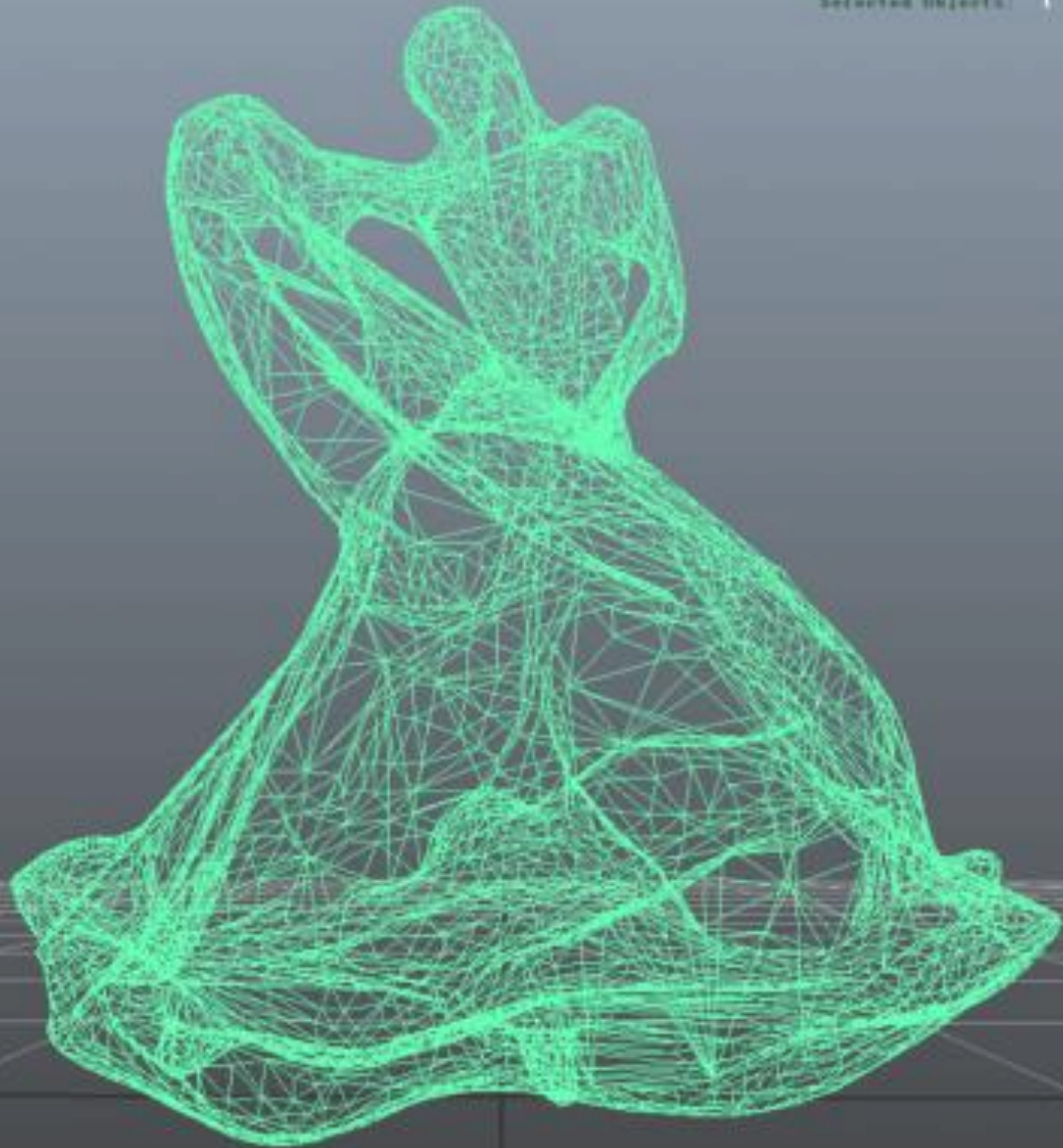

<https://www.digitalmeetsculture.net/eureka3d-blog/>



Co-funded by the European Union



Backfaces: On  
Smoothness: 2/3  
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# Thanks for your attention

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