Transforming heritage:
formats, authenticity and preservation
Webinar Series 2024

Webinar 3: 15 November, 3-4pm CET

An overview of recent and emerging JPEG formats for digital archival and long-term preservation

Keynote speech by Prof. Touradj Ebrahimi
Swiss Federal Institute of Technology in Lausanne (EPFL), Convenor of JPEG standardization Committee

ICA INTERNATIONAL COUNCIL ON ARCHIVES CONSEIL INTERNATIONAL DES ARCHIVES

EUREKA3D

Welcome to our series of webinars 2024!

- Webinar series co-organized by EUreka3D project and ICA International Council on Archives

- First series was in Fall 2023 – recordings available

- Scope is to help cultural institutions in their digital transformation journey, with focus on building capacity, in particular on 3D and its challenges

- Discussing key themes, sharing good practices and real life experiences of digitization of cultural collections, showcasing resources and tools to support high quality 2D and 3D digitization and collections' reuse, understanding the impacts and potential for the cultural heritage sector and professionals, including archives and archivists.

- You can use the Q&A box to ask questions

Welcome to our series of webinars 2024!

Webinar 1: 26th September h. 4-5 pm CET

Digital Media Authenticity

CHECK EUreka3D WEBSITE FOR MORE INFORMATION AND RECORDINGS

Webinar 2: 24th October h. 5.30-6.30 pm CET

World Day of Audiovisual Heritage

A new dimension for the Audiovisual Heritage: a EUreka3D initiative

https://eureka3d.eu/transforming-heritage2024/

Webinar 3: 15th November 2024 h. 3 PM CET

An overview of recent and emerging JPEG formats for digital archival and long-term preservation

Who we are: EUreka3D project

EUreka3D - European Union's reconstructed content in 3D

EU project co-funded by the Digital Europe programme

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

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

Start date: 1/1/2023

Duration: 2 years

Coordinator: Photoconsortium International Association

Partners: CRDI, Bibracte, Museo della Carta, Cyprus University of Technology, EGI, Cyfronet, imec, Europeana Foundation
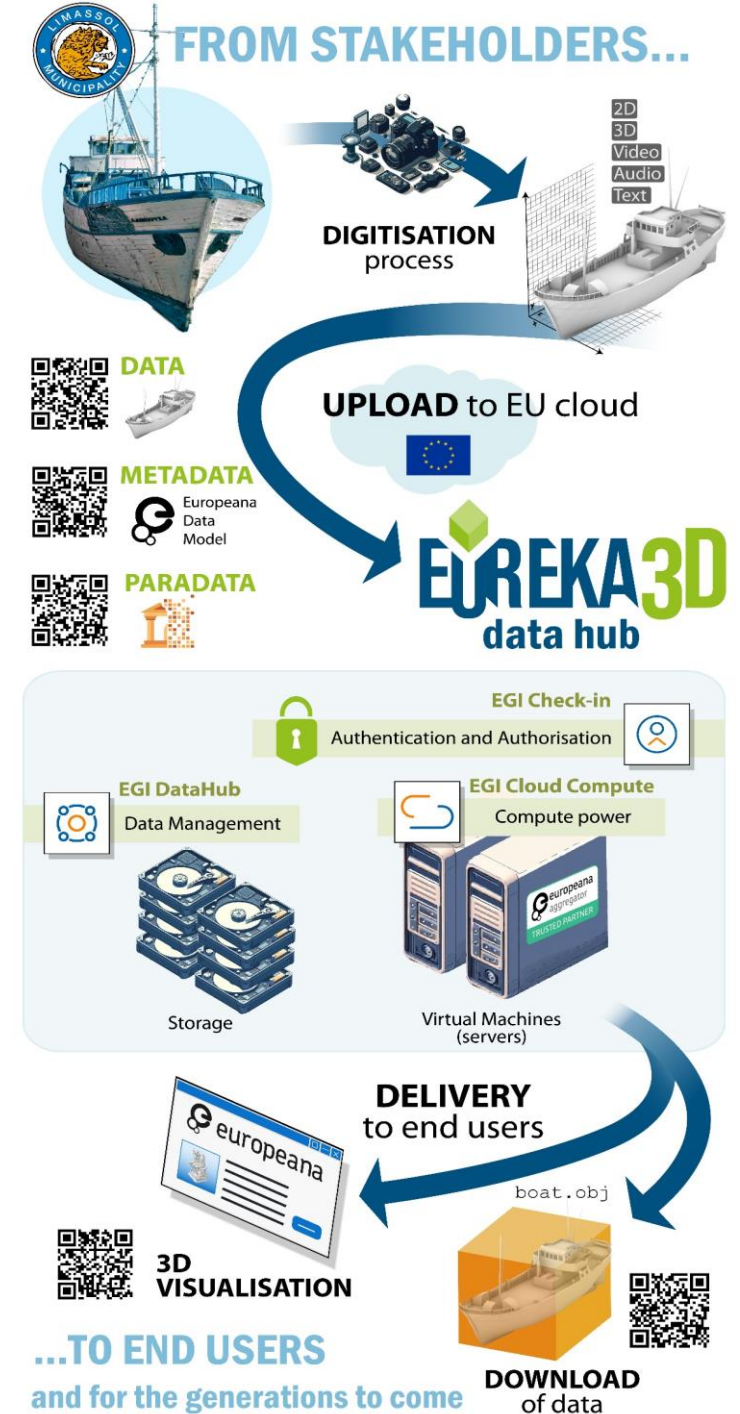

IT IS **NOT** ONLY 3D...

IT IS THE

#MemoryTwin

We capture the **HISTORY** behind the object, not only its geometric structure.

We preserve **MEMORY, VALUE and IDENTITY !**

EUREKA3D

Co-funded by the European Union

EUreka3D Data Hub: dedicated cloud-based services to store, preserve, manage, share data, metadata and paradata generated in 3D digitization projects, including:

- *European-based storage facilities*
- *AAI for safe access*
- *PIDs service to grant long term preservation of online objects*
- *Visualization tool (3D viewer)*
- *Fully integrated and compatible with Europeana*

Capacity building on high quality 3D digitization, basing on milestone VIGIE 2020/654 Study

Aggregation of content for publication in the **Data Space for Cultural Heritage**

EUreka3D concludes on 31/12/2024 and is followed by the **EUreka3D-XR** continuation project, to explore reuse of 3D assets in XR scenarios.

What we do next: EUreka3D-XR

3D Digitisation Guidelines: Steps to success
A guide based on the EU VIGIE Study on quality in 3D digitisation of tangible cultural heritage

DOWNLOAD IT

EUreka3D is focused on helping institutions with implementing high quality 3D digitization and assets management:

- Guidelines

- Tools

- Case studies and capacity building

EUreka3D-XR is a continuation project to develop innovative re-use scenarios and tools that enable the creation of extended reality (XR) applications.

EUREKA3D

Co-funded by
the European Union

Start date: 1/2/2025

Duration: 1,5 years

Coordinator: Photoconsortium International Association

Partners: CRDI, Bibracte, Cyprus University of Technology, EGI, Cyfronet, IMEC, SWING.It, Meemo, Miralab, National Technical University of Athens, Europeana Foundation

EUreka3D-XR

Objectives:

- To transform cultural contents (2D, 3D, video, texts, maps, stories) into extended Reality (XR) scenarios
- To deliver the XR scenarios to the European common Data Space for Cultural Heritage

Three showcase scenarios will be available in the Data Space as contents and documentation:

1. The virtual visualisation of the middle-ages walls of the city of Girona
2. The XR narrative of excavations in process in the Bibracte archaeological site
3. The creation of a new life of Saint Neophytos Englystra in Cyprus in the virtual space

EUreka3D Final Conference

13 December 2024

Girona, 13 December 2024

Hybrid event: in person and online attendance

Public Conference and Workshop

REGISTRATION IS OPEN FOR ONSITE & ONLINE ATTENDANCE!

EUREKA3D
European Union's
REKonstructed content in 3D

Co-funded by the European Union

FOLLOW US!

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

Touradj Ebrahimi – Biography

Professor at Swiss Federal Institute of Technology in Lausanne (EPFL), heading its Multimedia Signal Processing Group. He is also the Convenor of JPEG standardization Committee. He was also adjunct Professor with the Center of Quantifiable Quality of Service at Norwegian University of Science and Technology (NTNU) from 2008 to 2012.

His research interests include still, moving, and 3D image processing and coding, visual information security (rights protection, watermarking, authentication, data integrity, steganography), new media, and human computer interfaces (smart vision, brain computer interface).