



Kimono for an unmarried woman - Rijksmuseum,
Netherlands - Public Domain.

EUreka3D and EUreka3D-XR

Valentina Bachi

EUreka3D (2023-2024)

Highlights from project's achievements

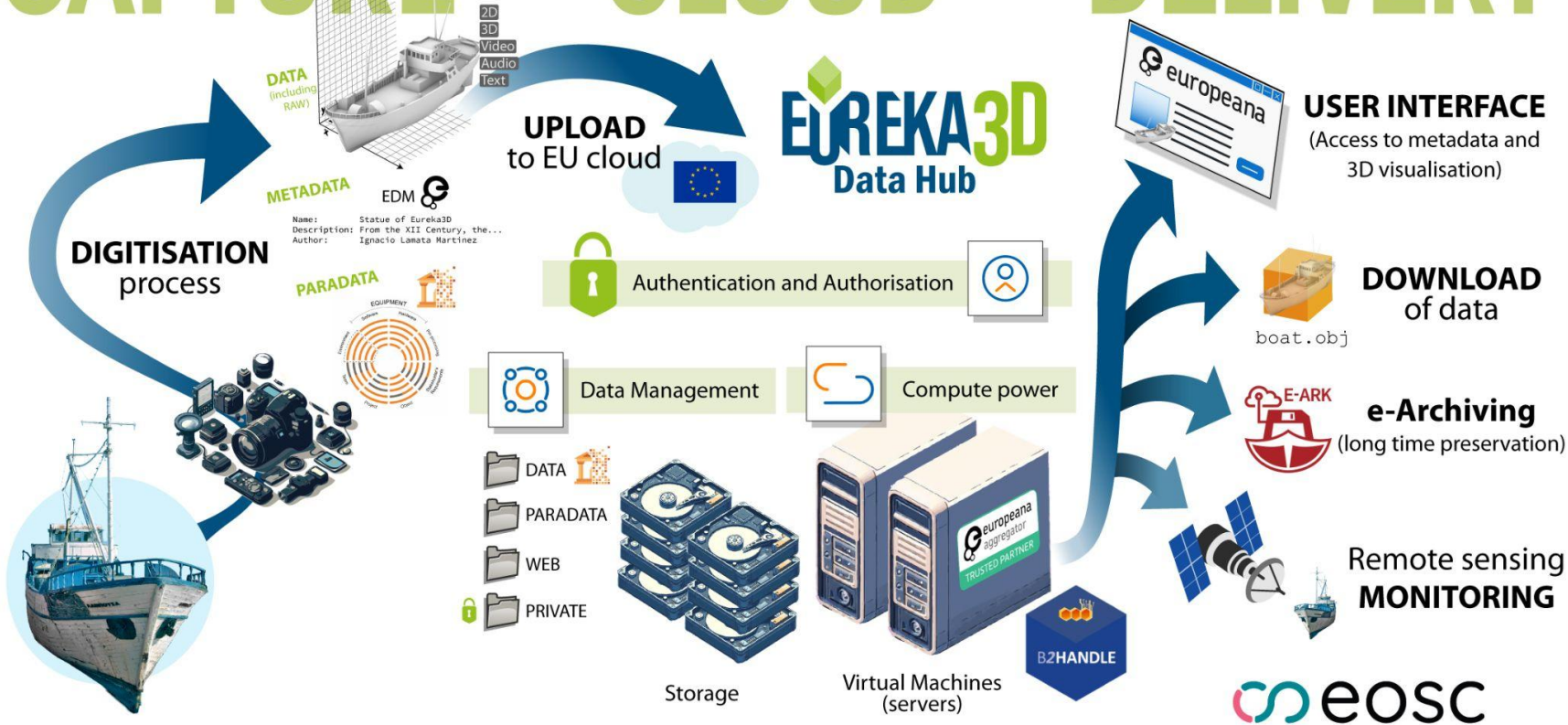
Development of EUreka3D Data Hub for storing and managing 3D collections (data, metadata and paradata), as a direct entry gate to Europeana

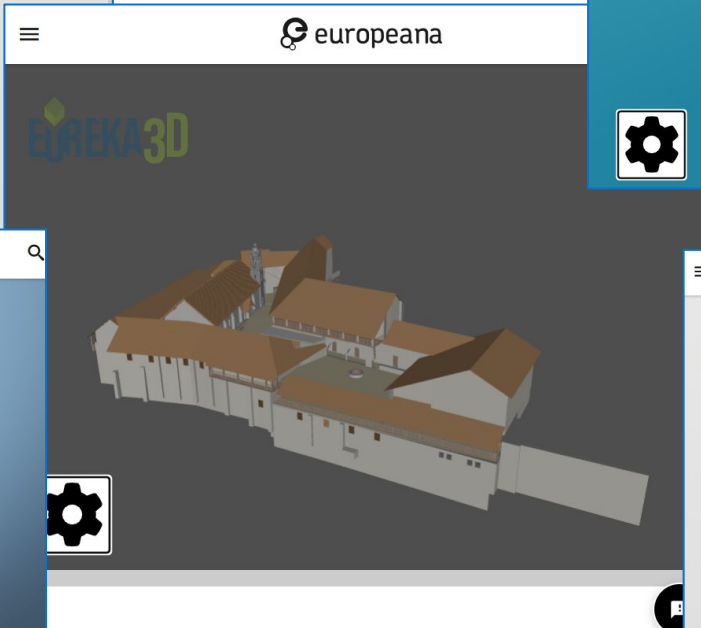
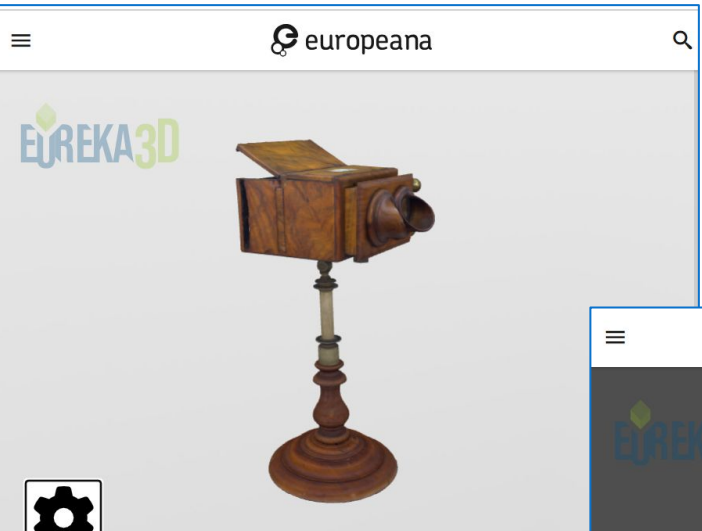
Capacity building programme of events in 2023-2024 and open access resources, available on website and Zenodo

Case studies and 3D digitization guidelines extracted from EU VIGIE 2020/654 Study on high quality digitization of tangible heritage

Over 350 models in 3D published in Europeana with open licenses (+ 5.000 documents), ca. 20 editorials on europeana.eu and europeana pro

CAPTURE CLOUD DELIVERY





EUreka3D-XR (2025-2026)

Continuation project expanding the work of EUreka3D

Started on 1 February 2025

Kick-off meeting and presentation event 26-27 February in Pisa

Builds upon the EUreka3D Data Hub by adding new tools to reuse 3D collections in XR applications

Continues capacity building action

Showcases the results in 3 different XR scenarios in Girona, Bibracte and Cyprus

EUreka3D-XR tools

Online tool for creating custom AR tours, retrieving 3D objects from CH repositories and associating them with locations on a map (NTUA)

Mobile app for phygital tours that superimposes 3D digital objects and accompanying digital descriptions onto the physical world (NTUA)

3D Modelling software pipeline to recreate models from heritage photographs and other archival materials (Swing.IT)

Web-based **AR/XR creator** with predefined layouts for UX and UI (Swing.IT)

Digital human characters creator for animating CH sites (MIRALab)

EUreka3D-XR scenarios

To demonstrate the use of the tools, EUreka3D-XR will pilot three showcase scenarios in different settings:

- The virtual visualisation of the middle-ages walls of the city of **Girona** (CRDI/Ajuntament de Girona)
- The XR narrative of excavations in process in the **Bibracte** archaeological site (Bibracte)
- The creation of a new life of Saint Neophytos Englystra in **Cyprus** in the virtual space (CUT)

Prototypes of the 3 scenarios will be presented in a demo event in Girona (January 2026)

Final results will be presented at EUreka3D-XR final event in Cyprus (June 2026)

Capacity building and presentations

- 29/5 hybrid event in Florence at the premises of HAEU Historical Archives of the European Union in Villa Salviati - registrations will open soon
- In September 2025, hybrid event in Brussels, programme to be announced
- In the Fall 2025, webinar series, programme to be announced

More to come, follow us: <https://eureka3d.eu/capacity-building-eureka3d-xr/>

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