# Stronger Together – Connecting Europe's Cultural Heritage through 3D, XR and AI Innovation

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# The EUreka3D Initiative








Supporting projects of **the common European data space for cultural heritage**, thus sharing the same aim of facilitating Cultural Heritage Institutions (CHIs) to innovate the way they digitise, preserve, use, share and disseminate cultural collections.

- Fostering **innovation and high quality 3D** in cultural heritage (data, metadata, paradata)
- **Capacity Building action in 3D and XR**, dedicated to CH professionals of any levels
- Community-based development of **tools, demonstrations and methods** that support the CH digital transformation
- Large use of **iterative feedback loops** (project partners, users, events participants, Advisory Board of experts) and impact assessment

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# Some numbers from EUreka3D-XR (2025-2026)

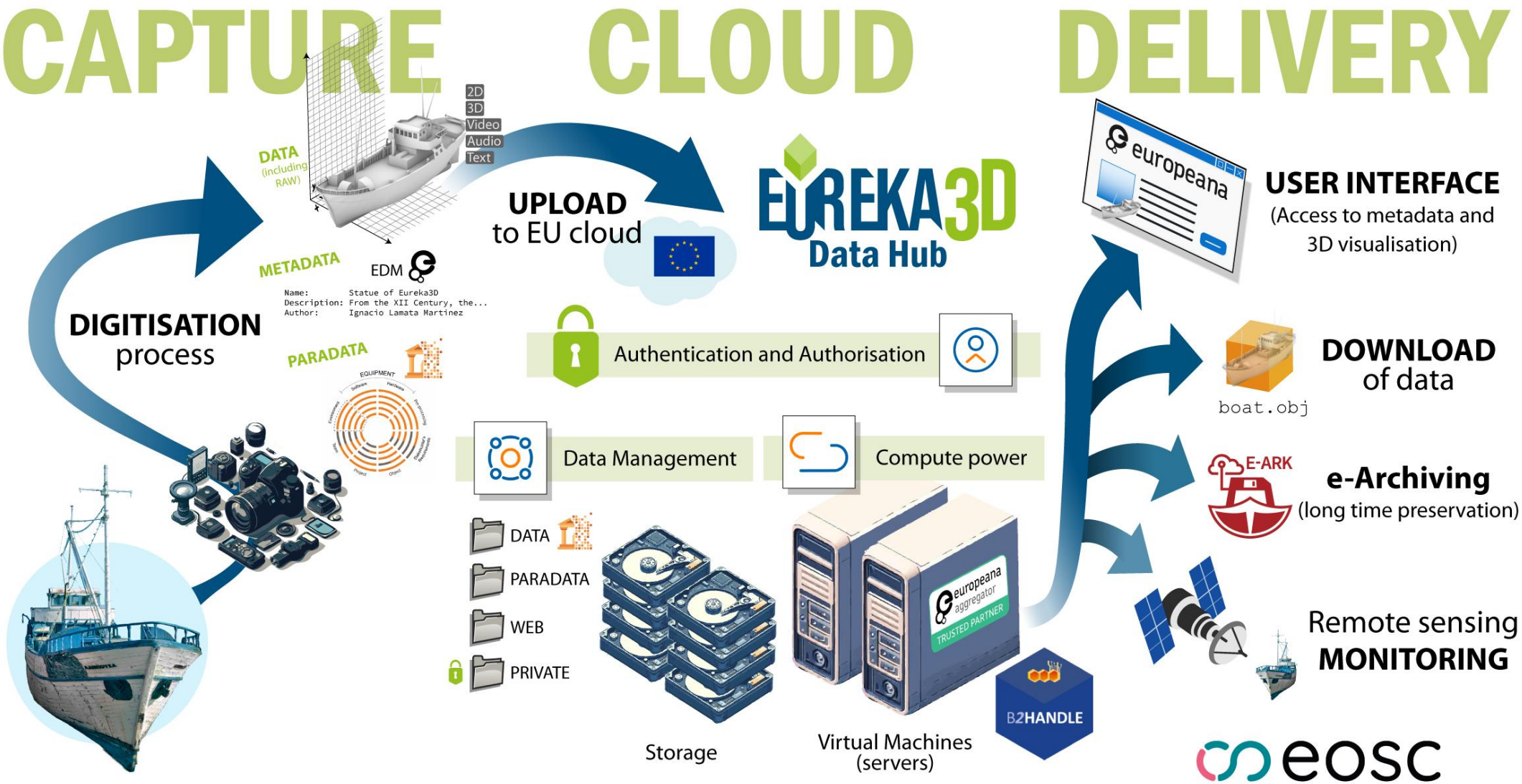
| **18 months** | **12 partners** | **5 XR tools** | **3 XR scenarios** | **7700 Participants** (CH professionals communitites and researchers) |
|---|---|---|---|---|
| Project duration | From the EU + Switzerland | open access | for demonstrations | |

- **Knowledge sharing & training** : presentations, workshops, training events, publications, online courses and learning resources.
- **High quality contents published across Europeana & the Data Space**: 3D models, 2D contents and a varied range of inspiring stories and editorials.
- **Expanded EUreka3D Data Hub to support EDM evolution**: a growing shared infrastructure for 3D cultural heritage data.

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# EUreka3D Data Hub




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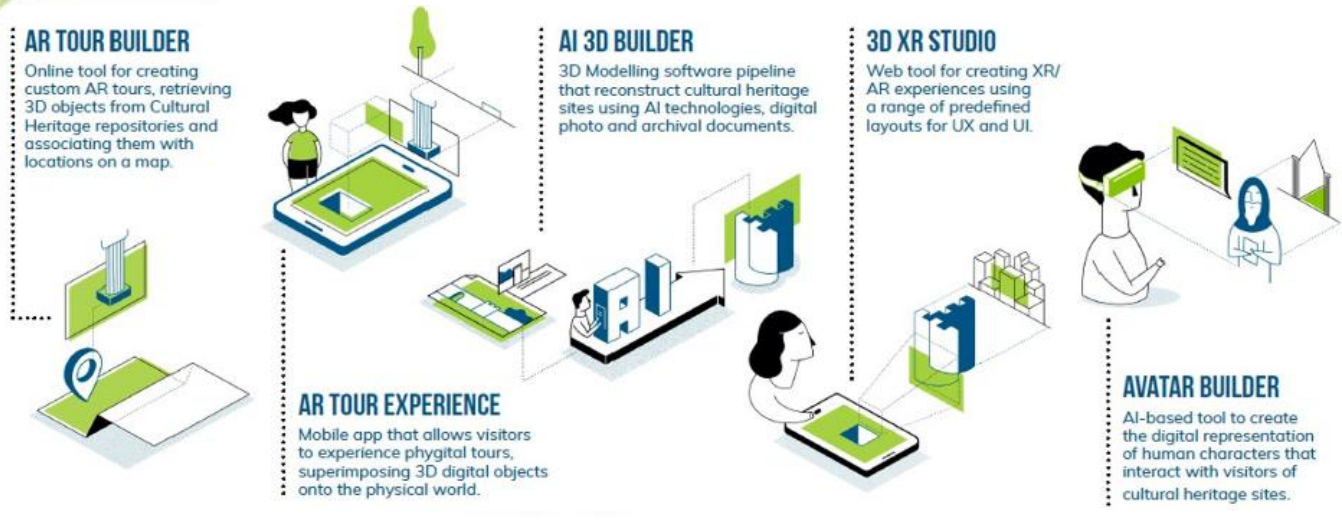
# EUreka3D-XR Tools

**Five tools** to enable CHIs and creative professionals to **experiment with new forms of XR storytelling** while **reusing** their **digital collections**.

By lowering technical barriers and promoting accessible workflows, the EUreka3D-XR Toolbox supports institutions in exploring immersive technologies and developing new ways to engage audiences with cultural heritage:

- Completely **free of charge**
- **Open access**
- **Ready** to be explored by cultural professionals of any digital capacity

Read more about the tools and access all materials



# Three demonstration scenarios

Co-created between technology developers and the CH communities, taking into account the challenges and concerns that CHIs face in learning and implemening the use of new technologies, especially AI.

**GIRONA (CAT)**
The virtual visualisation of the middle-ages walls of the city of Girona.



**BIBRACTE (FR)**
The AR narrative of the hidden side of the Bibracte archaeological site.



**PAPHOS (CY)**
The creation of a new life of Saint Neophytos Englystra in Cyprus in the virtual space.



The **XR experiences** may be accessed on location, with mobile devices, using virtual glasses/headset.

The **XR scenarios** are published as:

- Collections and models in Europeana
- Case studies and illustrative videos
- Virtual reality experiences via Internet Browser

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# Accessible Learning Resources

Find all the resources on the EUreka3D Initiative website: https://eureka3d.eu/

## For Cultural Heritage professionals:

3 **online self-paced courses** on Europeana Training Platform

- 3D Digitisation: Prepare for Success
- Introduction to XR for cultural Heritage
- Planning XR projects for Cultural Heritage

**3D Digitisation Guidelines in 6 languages**

**EUreka3D-XR: 3D and XR in European Digital Cultural Heritage** booklet

## For teachers and students:

2 **Open Educational Resources**
2 **Interactive activities**
4 **Narratives** on Historiana.eu

## For all data space users:

**20 editorials** on Europeana, Europeana Pro and the common European data space for cultural heritage

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# 3D digitisation guidelines in 6 languages (VIGIE Study 2020/654)




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# Many thanks for your attention!

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https://www.photoconsortium.net/

https://eureka3d.eu/

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