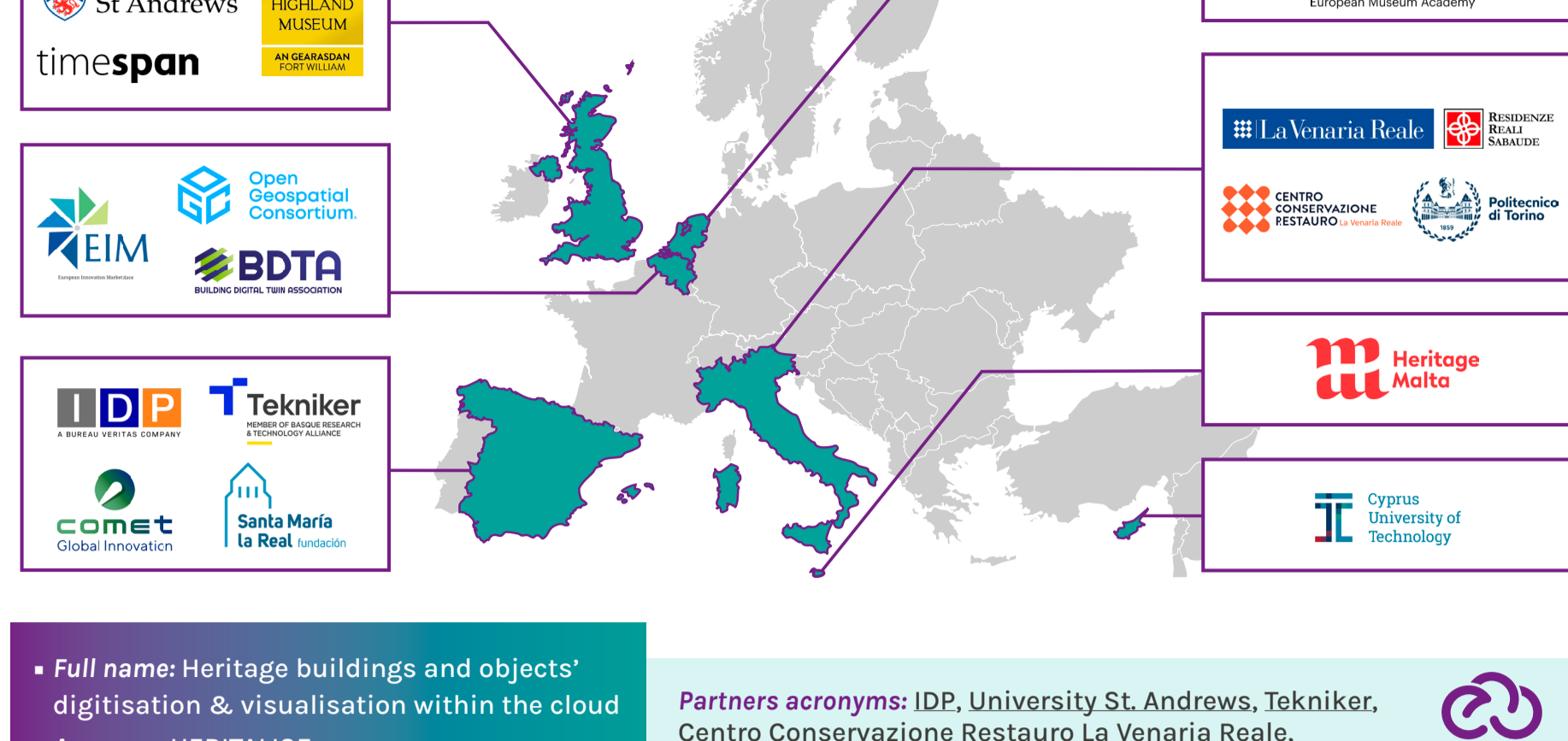


HERITALISE is an EU-funded project (2025-2028) that aims to revolutionise how we document and understand cultural heritage by advancing digitalisation and AI-powered tools. The project develops digitisation techniques to capture both visible and hidden features of heritage buildings and objects, using machine learning to transform raw data into valuable insights. HERITALISE integrates with the European Collaborative Cloud for Cultural Heritage (ECCCH), providing a scalable, web-based platform for European cultural heritage institutions to share, access, and build on enriched digital resources for preservation and research.



- Full name: Heritage buildings and objects' digitisation & visualisation within the cloud
- Acronym: HERITALISE
- Number of partners: 17
- Start date: 1st January 2025
- Duration: 48 months
- EC funding: 4 196 368,71 €

Partners acronyms: IDP, University St. Andrews, Tekniker, Centro Conservazione Restauro La Venaria Reale, Fundación Santa María La Real, Politecnico di Torino, Comet Global Innovation, BDTA, Cyprus University of Technology, Open Geospatial Consortium, West Highland Museum, Timespan, Europeana, Heritage Malta, European Museum Academy, EIM

Welcome to the third HERITALISE Newsletter, where heritage, innovation, and collaboration come together to shape the future of cultural heritage!

As we move into the summer months, the HERITALISE project is pleased to share the latest progress in our mission to transform the way cultural heritage is documented, analysed, and preserved.

Over the past months, we have celebrated several important achievements, including our second General Assembly in Venaria Reale, Italy, new scientific publications, the presentation of our work at international conferences, and continued progress across our research and innovation activities.

These developments reflect the dedication of our consortium and the growing momentum behind HERITALISE's vision of creating a new digital paradigm for cultural heritage.

Thank you for following our journey and supporting our efforts to bridge heritage, innovation, and society. We look forward to sharing more updates, results, and opportunities for collaboration in the months ahead.



PROJECT NEWS

Why Digital Heritage Matters: Fundación Santa María la Real's Contribution to HERITALISE

How can digital technologies help safeguard cultural heritage for future generations? This article explores the growing role of innovation in heritage preservation and highlights how European collaboration is driving new approaches to documentation, accessibility, and conservation. Discover why digitalisation is becoming an essential tool for cultural heritage professionals.

[▶ READ MORE](#)

Exploring the Past, Building the Future: The Open Virtual Worlds Research Group at the University of St Andrews and Its Role in HERITALISE

The Open Virtual Worlds Research Group at the University of St Andrews is contributing to HERITALISE through its expertise in digital technologies for cultural heritage. Their work supports the project's vision of developing innovative approaches to documenting, understanding, and engaging with heritage, while fostering collaboration across disciplines and institutions.

[▶ READ MORE](#)

Advancing Cultural Heritage Digitalisation: 3D Survey of the TimeSpan Museum

HERITALISE continues to explore innovative digital methods for cultural heritage documentation and preservation. A recent activity focused on applying advanced 3D technologies in a museum environment, demonstrating the project's commitment to developing accurate digital resources that support research, conservation, and public engagement.

[▶ READ MORE](#)

Interoperability in action: connecting the European data space for cultural heritage with the ECCCH

Interoperability is a key pillar of HERITALISE's vision for digital cultural heritage. Recent activities have explored how different digital infrastructures and data ecosystems can work together more effectively, thereby improving access, collaboration, and the long-term use of cultural heritage resources across Europe.

[▶ READ MORE](#)

What is HBIM, and why does it matter for HERITALISE?

Digital technologies are transforming the way cultural heritage is documented and managed. This article explores an important methodology for organising, analysing, and preserving heritage information, highlighting its relevance to HERITALISE and its potential to support more effective conservation, research, and decision-making.

[▶ READ MORE](#)



SCIENTIFIC PUBLICATIONS

- [State-of-the-Art Review: Digitisation of Cultural Heritage – Methodologies, Technologies and Best Practices](#) [▶ DOWNLOAD](#)
- [HERITALISE. Project Insights and Initial Developments](#) [▶ DOWNLOAD](#)
- [Integrated Survey for Heritage Digitisation – The Case Study of Venaria Reale](#) [▶ DOWNLOAD](#)
- [Advanced digitisation and AI-powered data processing for Cultural Heritage: the HERITALISE Project](#) [▶ DOWNLOAD](#)
- [Quality Certification in Data Acquisition for Cultural Heritage: The Power of Paradata for High Quality Digital 3D Cultural Heritage Assets](#) [▶ DOWNLOAD](#)
- [From Digital Twin to Memory Twin: A Holistic Framework for Cultural Heritage Documentation, Interpretation, and Adaptive Reuse](#) [▶ DOWNLOAD](#)
- [State-of-the-Art Review - Digitisation of Cultural Heritage: Methodologies, Technologies and Best Practices](#) [▶ DOWNLOAD](#)

eCHOES

European Collaborative Cloud for Cultural Heritage (ECCCH)

What if cultural heritage professionals across Europe could collaborate, share resources, and access advanced digital tools through a single digital environment?

The European Collaborative Cloud for Cultural Heritage (ECCCH) is an ambitious European initiative designed to connect cultural heritage professionals and institutions through a shared digital environment. By providing advanced digital tools, services, and resources, it will foster collaboration, knowledge exchange, and wider access to data across the cultural heritage sector, including for smaller and geographically remote organisations.

The initiative aims to support the preservation, conservation, restoration, and promotion of both tangible and intangible cultural heritage by integrating innovative digital technologies into heritage practices.

As part of the ECCCH ecosystem, HERITALISE will contribute its tools and solutions to this collaborative environment, helping researchers and heritage professionals benefit from new digital approaches and shared resources.

The Cultural Heritage Cloud is being developed through the ECHOES (European Cloud for Heritage OpEn Science) project, funded by the European Commission and UK Research and Innovation (UKRI).

Interested in learning more? Visit the ECHOES website and discover how the future European digital infrastructure for cultural heritage is taking shape

EVENTS



ISPRS 2026, 4th - 11th July, Toronto, Canada

Under the theme "From Imagery to the Understanding of the World," the XXV ISPRS Congress will explore the pivotal role of photogrammetry and remote sensing in creating intelligent 3D models and Digital Twins, highlighting how geospatial data and AI integration enhance the monitoring and conservation of global heritage sites.

[▶ MORE INFO](#)

MEET THE PARTNERS

Behind every innovation in HERITALISE is a team of dedicated researchers and professionals. This video series introduces the people behind the project, sharing their perspectives, expertise, and motivations through short interviews that bring the human side of digital heritage to the forefront.

Rene Capovin, European Museum Academy

Serena Hirsch, Centro Conservazione e Restauro Venaria

Antoine Issac, Europeana

Jacquie Atkin, Helmsdale Heritage and Arts Society

Petros Siegakas, Cyprus University of Technology

Pablo Vicente Legazpi, BDTA

Vanessa Martin, West Highland Museum

Andrea Lingua and **Filiberto Chiabrando**, Politecnico di Torino

Joaquín García, Fundación Santa María la Real

Francesco Bosso, Consorzio delle Residenze Reali Sabaude

Don't miss the videos, subscribe to our channel!

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Be the first to learn about project events and activities!

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<https://heritalise-ecch.eu/>

