



Engagement

CLIO-CLOUD: AI-DRIVEN INNOVATION TOOLS FOR CULTURAL HERITAGE INTERACTIONS

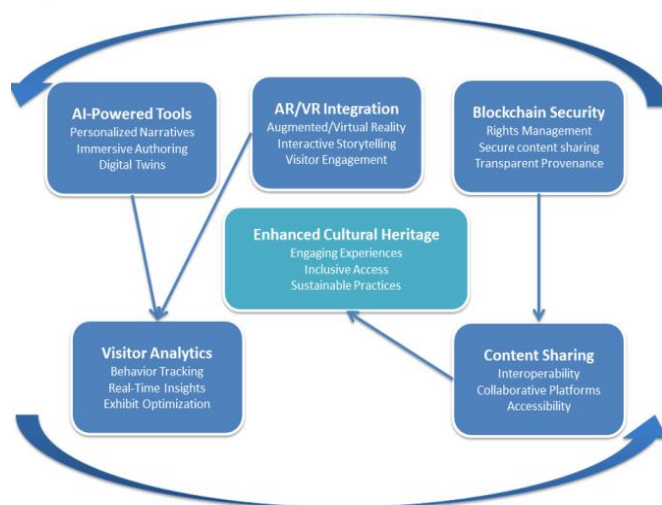
Countries	Project value (€)	% by EPSILON	€ by EPSILON	Engagement	Funding by	Date	Partners
Malta Greece	3,745,874	7.11%	266,258	Tender	HORIZON-CL2-2024-HERITAGE-ECCCH-01-04		EPSILON (MT), UCY (CY), Audere (CY), Fundación Cibervoluntarios (ES), SIMAVI (RO), EURECAT (ES), Illuseum Berlin (DE), IESDI (BG), BU (UK), UNIVPM (IT), CARTIF (ES), UU (SE), The Jug (IL), UTARTU (EE)

Description

CLIO-Cloud proposed to enhance digital cultural heritage practices across Europe by developing a suite of advanced AI-powered authoring tools, integrated within the European Collaborative Cloud for Cultural Heritage (ECCCH). The project leveraged extended reality (AR/VR), artificial intelligence, blockchain, and real-time visitor analytics to foster immersive, personalized, and sustainable interactions with cultural heritage assets.

The platform would support GLAM institutions (Galleries, Libraries, Archives, Museums) in content creation, storytelling, and exhibition design, while ensuring secure and reusable multimedia content via ECCCH interoperability. The solution could be facilitated both physical and digital engagement, supported by blockchain rights management and AI-powered digital twins.

EPSILON would contribute to the development and integration of the authoring tools, including intelligent content management features and visitor tracking analytics. Additionally, EPSILON supported capacity-building activities and played a role in the validation of the tools through large-scale pilot testing involving European heritage institutions.



Outcome

- Proposed to develop and integrated a modular tool suite for immersive content creation using AI, AR/VR, and blockchain
- Offered to pilot digital visitor engagement systems with real-time analytics and layout optimization in diverse GLAMs
- Aimed to enable cross-platform reuse and sharing of cultural heritage content through the ECCCH database
- Validated authoring and engagement tools in pilot institutions with 100% ECCCH compatibility and accessibility standards
- Would allocate over €500,000 in financial support to third-party GLAM institutions for tool testing and feedback provision
- Proposed to improve exhibition quality, visitor personalization, and operational efficiency through data-driven insights
- Aimed to strengthen digital capacity and interoperability in cultural heritage through Open Science and reuse principles