

CONSORTIUM



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ENDORISING SAFEGUARDING, PROTECTION & PROVENANCE MANAGEMENT OF CULTURAL HERITAGE



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3 Years

12 Partners

7 Countries



ENIGMA EU PROJECT

Aims to achieve excellence in **protecting cultural goods and artefacts** from human-made threats by contributing to the **identification, traceability** and **provenance** research of cultural goods by **safeguarding and monitoring heritage sites**

THREATS of CULTURAL GOODS

The main threats of cultural goods are **armed conflicts, natural disasters, and human actions**

Looting, illicit trade, smuggling, clandestine excavations, and many others, have resulted in many objects ending up in private ownership, at auctions, on black markets or sometimes even simply sold as mere trinkets at flea markets due to impossibility of knowing their real value and provenance.



OBJECTIVES

Co-design of a novel concept of a Unique Authenticity Identifier (UAI) by creating an innovative and effective suite of **tools to verify the authenticity and provenance of objects** that may appear suspicious with minimum effort and cost.

Integrated use of **Earth Observation and GIS techniques** to produce remote sensing tools that will be tested in a realistic operational environment.

Development of an advanced **communication and decision support platform** that will be validated through pilot cases in several of project partner countries.

OUTCOMES

Creating an advanced Decision-support Platform for end-users to trace, identify and protect cultural goods via a web application

Increasing the protection of cultural goods against anthropogenic threats

Decreasing cultural heritage destruction and illicit trafficking of cultural goods

End-user training enhanced with scenarios simulation