

# 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.

Coordinated by:



## 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

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