

“Virtual archaeology. Armenia at the Crossroads of Civilizations and Cultures”



ՀՀ ԳԱՍ ԸՆԿՆՏՈՒԹՅԱՆ ԵՎ
ԱԶԳԱԴՐՈՒԹՅԱՆ ԻՆՍՏԻՏՈՒՏ
INSTITUTE OF ARCHAEOLOGY
AND ETHNOGRAPHY NAS RA

Viktorya Vasilyan

viktoryavasilyan@gmail.com



100 Archaeological
Monuments of
Armenia

Potencial Cluster for our project

HORIZON-CL2-2025-01-HERITAGE-05

- ❖ Evolution of culture in a virtualising world.

Specific Objectives

- ❖ Study long-term effects of virtualisation on culture, values, and wellbeing.
- ❖ Identify risks/opportunities for European culture in virtual/blended environments.
- ❖ Propose knowledge-based measures for the future.

Expected Outcomes

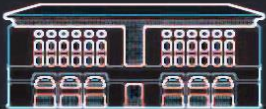
- ❖ Deepened understanding of virtualisation impacts.
- ❖ Measures to realise opportunities and mitigate threats.
- ❖ Support EU leadership in positive virtual worlds.

Potential Role of Strategic Foresight

- ❖ Modelling alternative cultural futures.
- ❖ Anticipating long-term social impacts.
- ❖ Stress-testing strategies for preserving values in virtual worlds.

How Wild Cards and Weak Signals Analysis Could Support the Call?

- ❖ Modelling cultural shifts in virtual/physical boundaries.
- Revealing long-term risks and opportunities.
- ❖ Virtual heritage festival pilot.
- ❖ VR/AR platforms become key cultural hubs.
- ❖ Social backlash and re-adaptation post-virtualization.
- ❖ Normative shift: Digital identity fully embedded in EU culture.



Reconstruction of biological features of individuals based on the fragments. Incl. three stages:

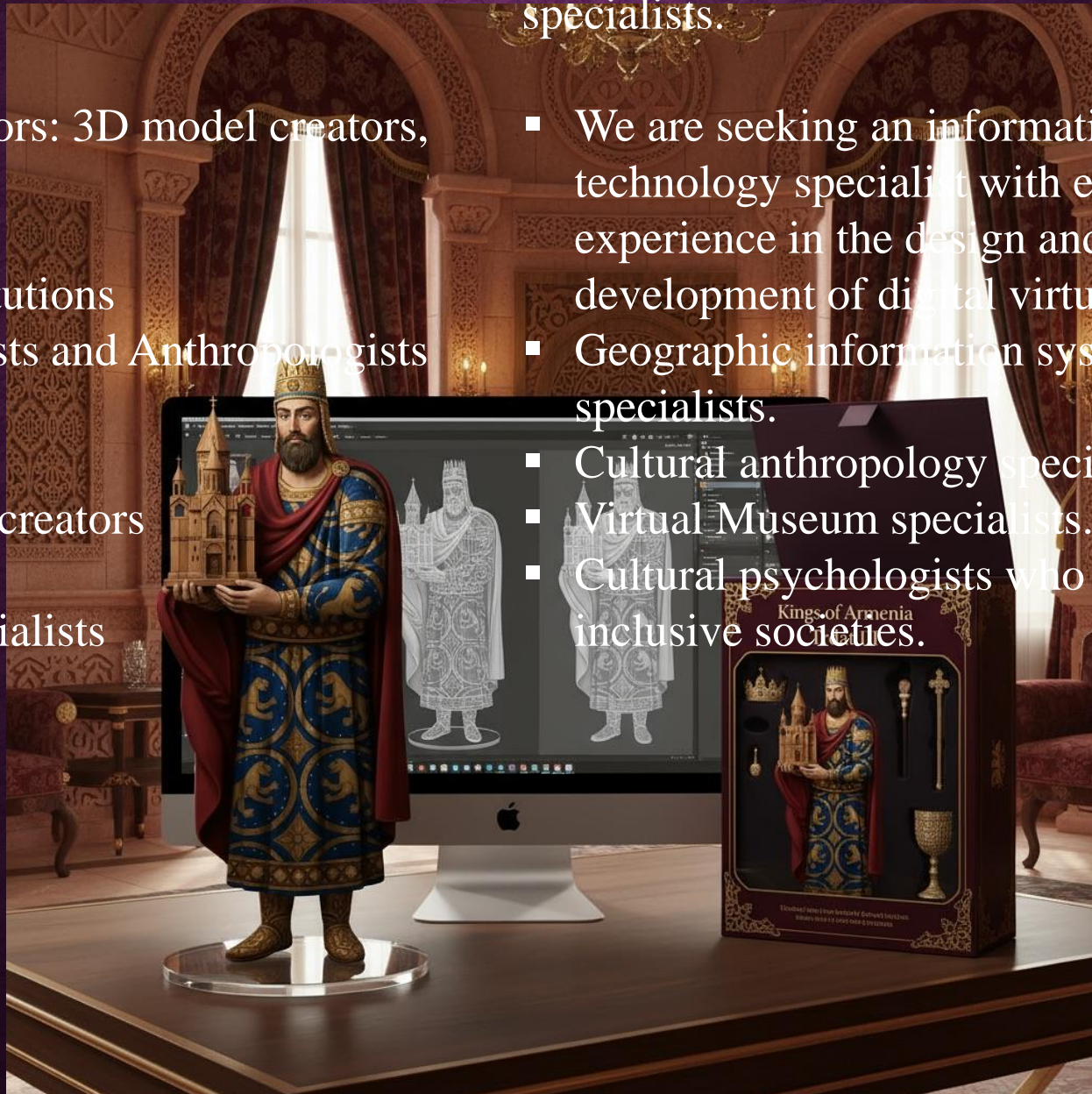
- ❖ **Initial modeling;**
- ❖ **Three-dimensional model. based on partial reconstructions;**
- ❖ **Reconstructions of human lifeways (transdisciplinary integr. of bio anthropological, historic, archaeological, ethnographic, art-historic data).**
- ❖ **Implementation in museum exhibitions, video production, and outreach.**
- ❖ **Reconstruction accessible via augmented reality (AR) and virtual reality (VR) technologies, mobile application, virtual tours, and an information points.**

Short description of the type and role of partner(s) we are seeking

- AI specialist
- Digital creators: 3D model creators,
- 4D creators
- Architects
- Partner Institutions
- Archaeologists and Anthropologists
- Designer
- Video editor
- Virtual Map creators
- It specialists
- AR/VR specialists

****Role of Our Partners**:**
Collaborators, institutions and private specialists.

- We are seeking an information technology specialist with extensive experience in the design and development of digital virtual maps.
- Geographic information systems (GIS) specialists.
- Cultural anthropology specialists.
- Virtual Museum specialists.
- Cultural psychologists who work with inclusive societies.



100 Archaeological Monuments of

AGBU



ՀԱՅԱՍՏԱՆԻ ՊԵՏԱԿԱՆ
ԹԱՆԱԿԱՆ



100 Archaeological
Monuments of
Armenia

<https://ama100.am/en>

We and our Partners

Results:

- 1) High-quality aerial images of 100 of the most significant historical fortresses of Armenia.**
- 2) Collection and translation of archaeological sites descriptions.**
- 3) Database of collected information, incl. images and objects for the History Museum of Armenia.**
- 4) Drone technology for video footage of 100 sites for a comprehensive online resource.**
- 5) Special video processing software to create detailed 3D models of the most prominent buildings.**