

Carto ECHOES

A semantic cartography
for the european cultural heritage

What ?

ECHOES project



Mission

ECHOES mission is to set up the Cultural Heritage Cloud, a shared platform designed to facilitate collaboration between heritage professionals and researchers, providing them with access to data, scientific resources, training, and advanced digital tools tailored to suit their specific needs.

Objectives

1. Build an open-source infrastructure that enables the creation of practical applications driven by the needs of the cultural heritage communities.
2. Embrace a holistic approach to the digital transformation of both tangible and intangible assets, moving beyond an object-focused perspective.
3. Bring together fragmented communities within the cultural heritage sector into a new cohesive community.
4. Integrate results of current and future projects within the Cultural Heritage Cloud regarding data, services, digital processes and applications.
5. Deliver a sustainable and inclusive legal entity that underpins the development, design, and maintenance of the Cultural Heritage Cloud.
6. Enable and foster an innovative and collaborative co-creation of new knowledge around the Digital Commons.

Pillars

ECHOES is built around five interconnected pillars:

Community

Aims to build and organise the community around the Cultural Heritage Cloud by leveraging a variety of cultural heritage sectors and provide essential training to facilitate the adoption and use of the cloud.

Knowledge

Responsible for creating the cloud infrastructure technology and setting up the cultural heritage Knowledge Base.

Innovation

Focuses on the development of user-friendly vertical applications and on the assessment of the Cultural Heritage Cloud digital ecosystem.

Sustainability

Aims to establish a legal entity to ensure the cloud's long-term economic, social, and environmental sustainability, securing its leadership both in the EU and globally.

Transversal

Includes all the activities dedicated to management and communication, as well as enhancing collaboration and integrating data and tools from various projects and complementary initiatives.

Digital Commons

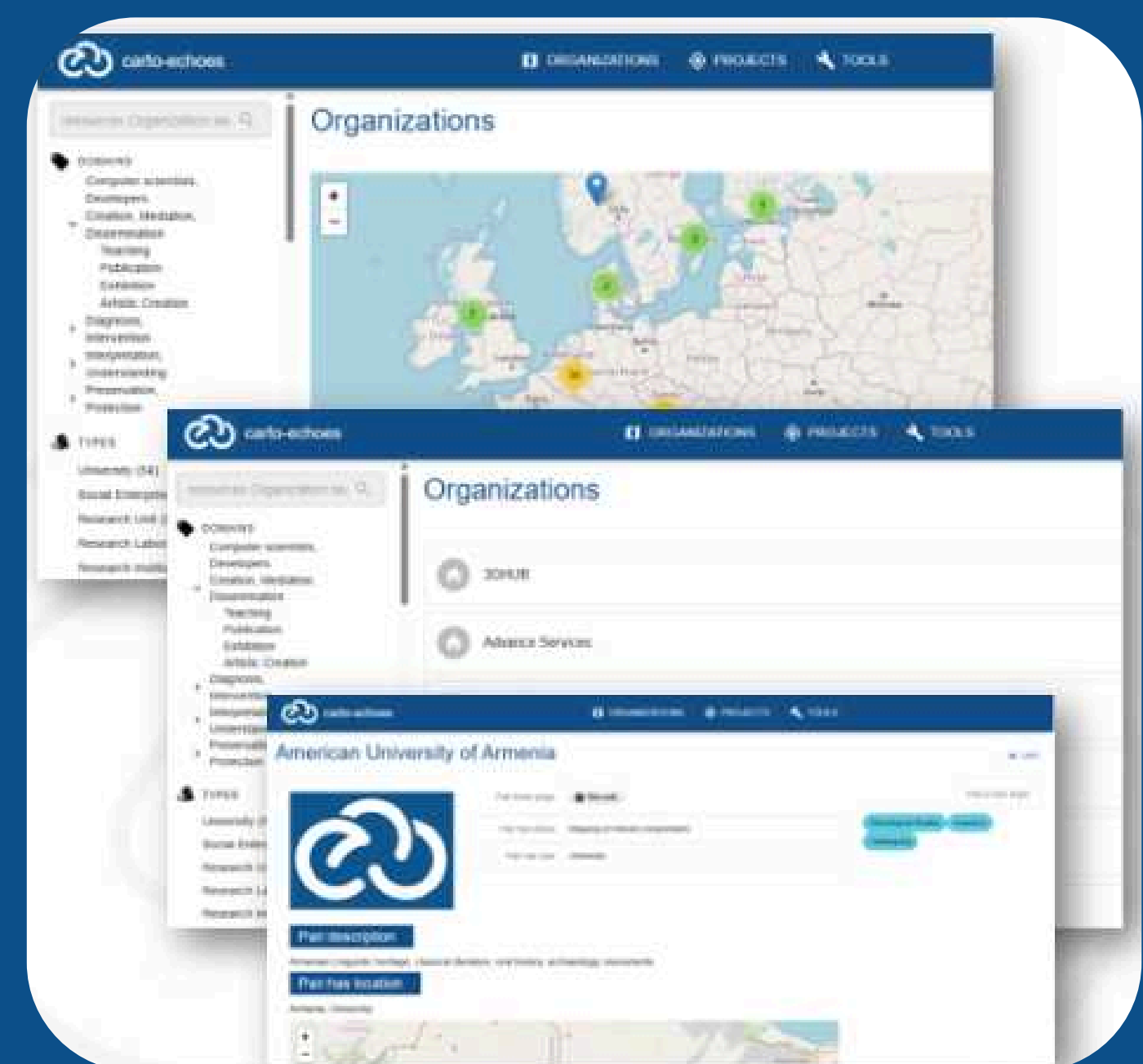
ECHOES will create a digital environment, where the resources are easily accessible to everyone in the wider cultural heritage community. Users will be empowered to interact with, explore and enrich Digital Twins, i.e. digital information and data about heritage assets, leading to new, jointly developed scientific knowledge.



The ECHOES digital environment will create a new generation of heritage assets, the Digital Commons, which are semantically rich and collectively produced.

An european collaborative cloud
dedicated to cultural heritage for sharing ...

Carto ECHOES



Open-source plateforme
W3C Standards

How ?

... simple, cold &
heterogeneous
data ...

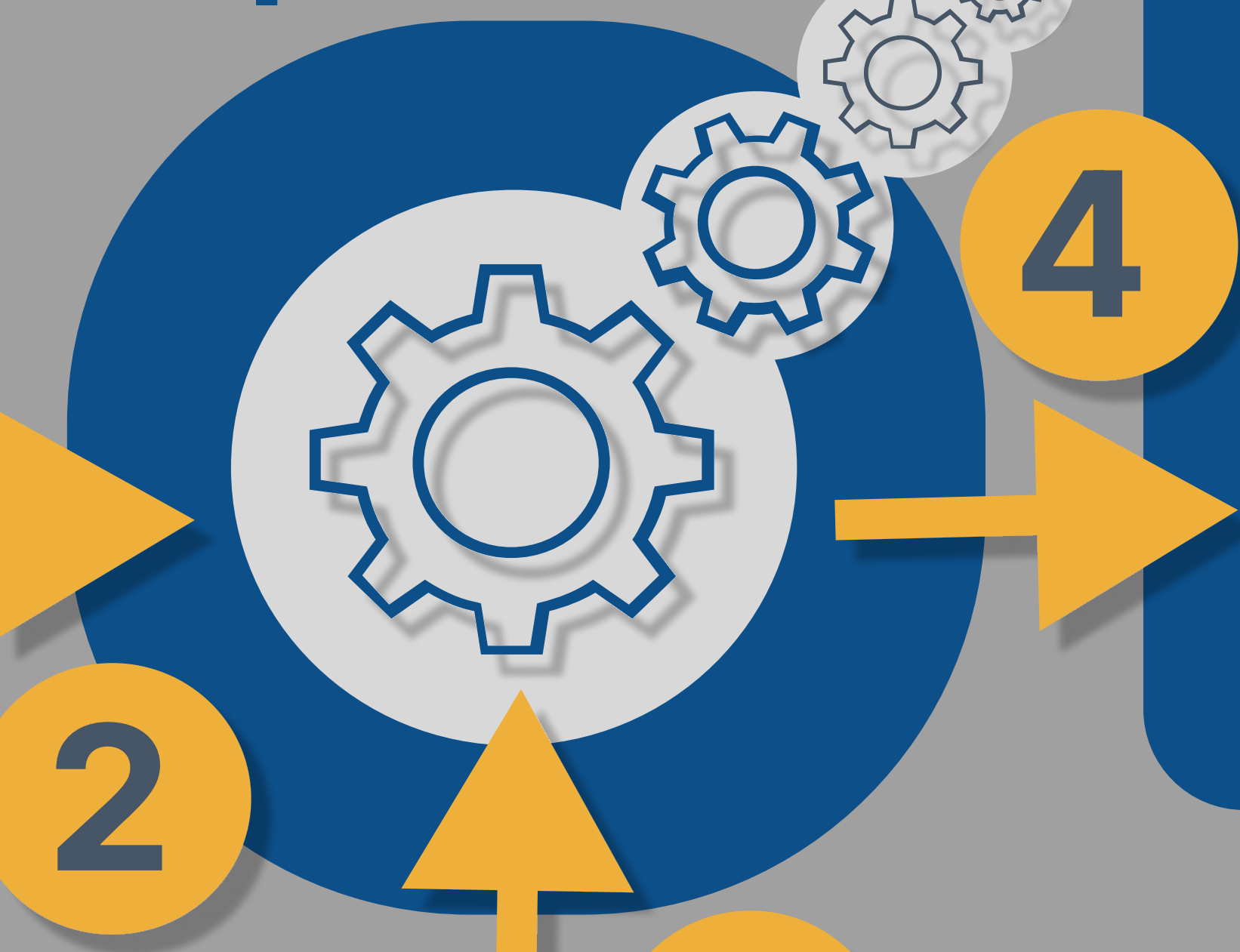
Organizations



Projects

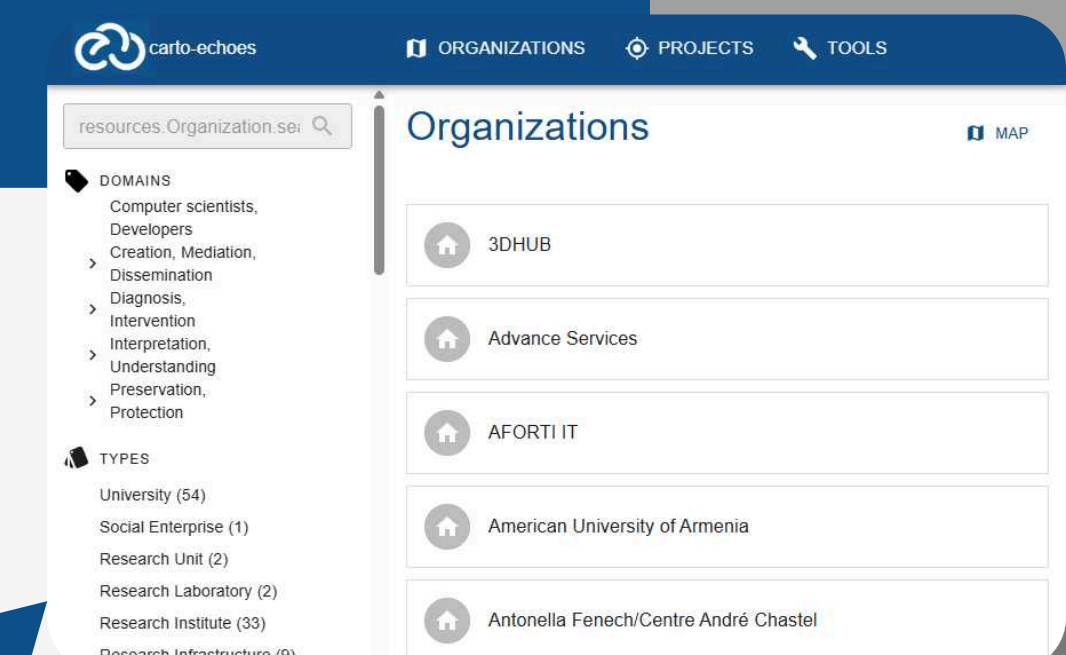
Tools

Semantization
process



... and made available to
other applications

Carto ECHOES



Application

Application

Application

... using a simple data model (P.A.I.R)

