

ECHOES: European Cloud for Heritage OpEn Science

Preserving the Past, Shaping the Future:
your Gateway to a Collaborative and Innovative European
Cultural Heritage Community

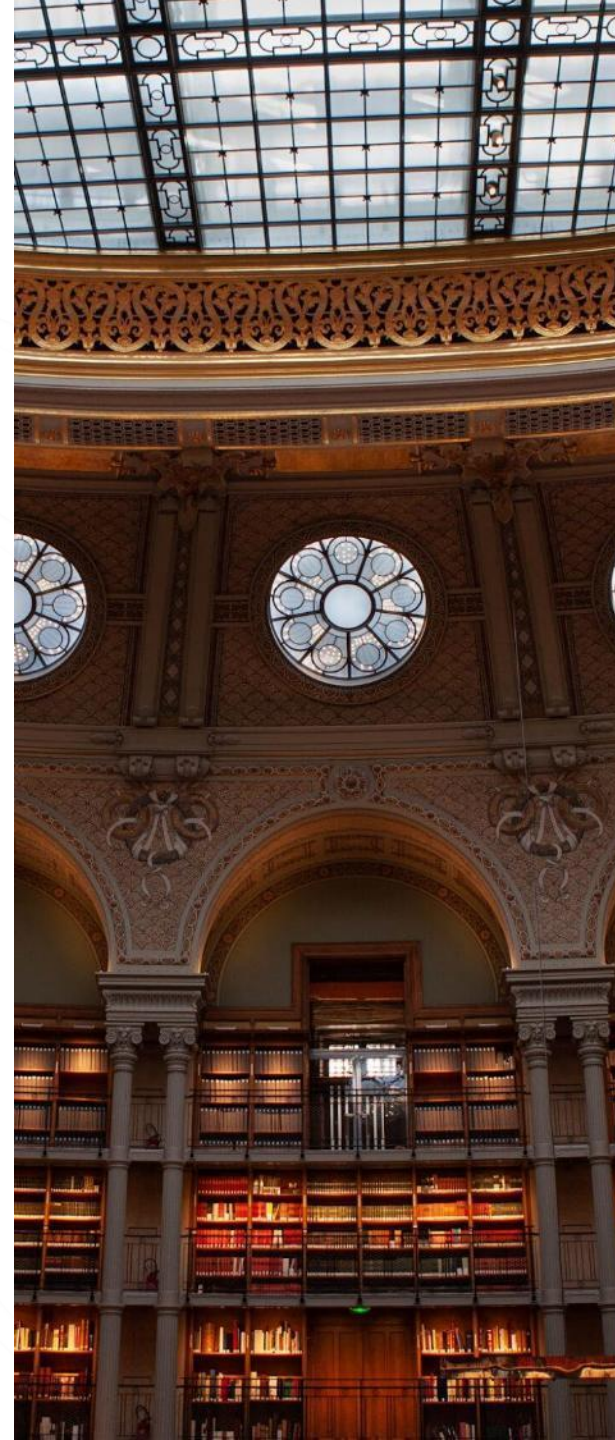
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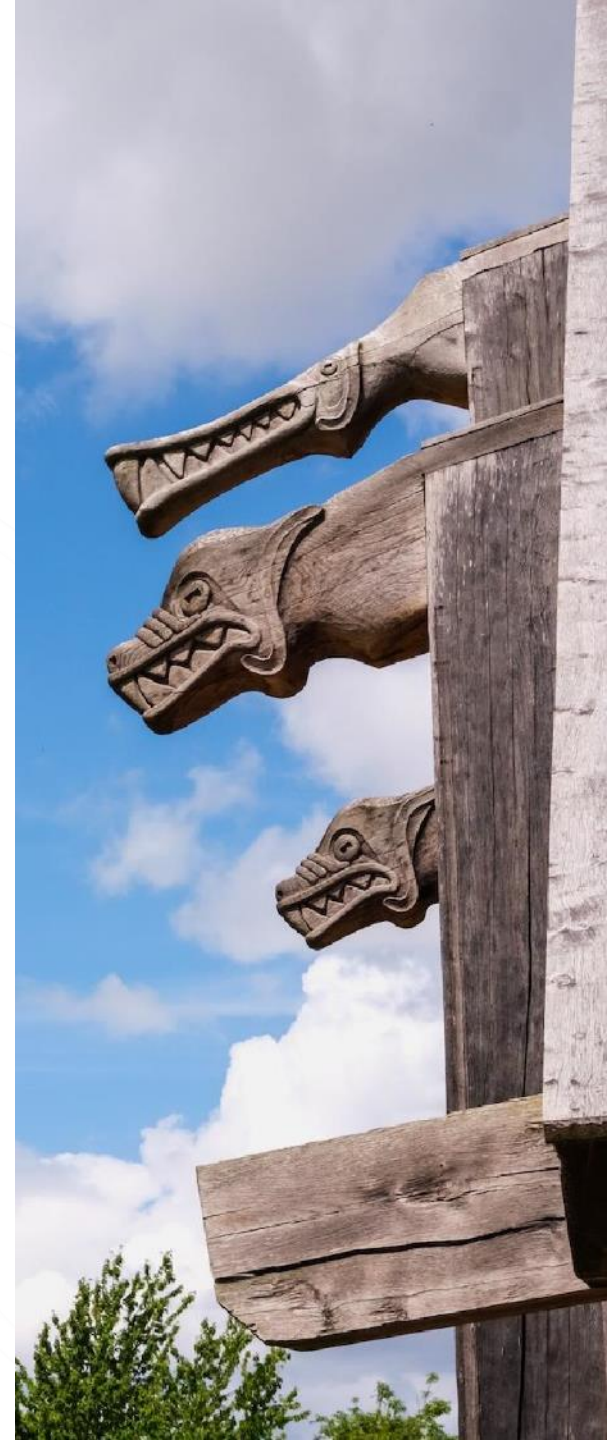
Mission

ECHOES' mission is to set up the European Collaborative Cloud for Cultural Heritage (ECCCH), a shared platform designed to facilitate collaboration among heritage professionals and researchers, providing them with access to data, scientific resources, training, and advanced digital tools tailored to suit their needs.



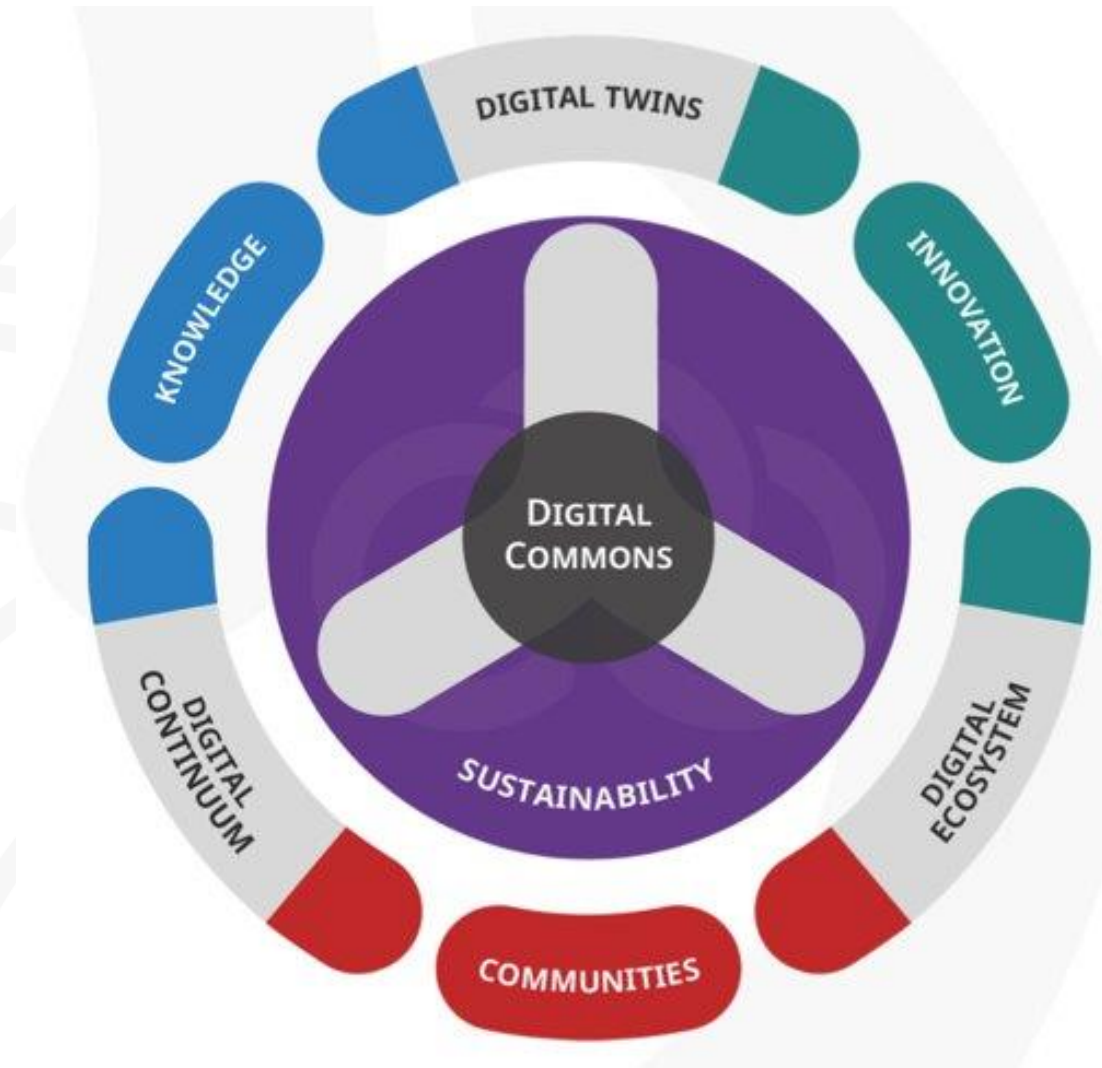
Strategic objectives

1. Build an open-source infrastructure
2. Move away from an object-focused approach to a holistic approach
3. Bring together fragmented communities
4. Integrate results of past, current and future CH-related projects
5. Deliver a sustainable and inclusive legal entity for the ECCCH
6. Enable and foster innovative, collaborative co-creation of new knowledge around the Digital Commons



The Digital Commons

- ECHOES will create a Digital Continuum, based on a Digital Ecosystem, which will empower users to interact with, manipulate and enrich Digital Twins, leading to new, jointly developed scientific knowledge.
- This digital environment will allow the creation of a new generation of heritage objects, the Digital Commons, which are semantically rich and collectively produced.



What is the added value of the Cultural Heritage Cloud?

Infrastructure designed with and for user communities

Offer a Single Entry Point

Guarantee data quality

FAIR publication Data and services

Digital Commons



A variety of disciplines

language as social
and cultural data

art, archaeology,
museums

archives, libraries

monuments and
sites

conservation-
restoration

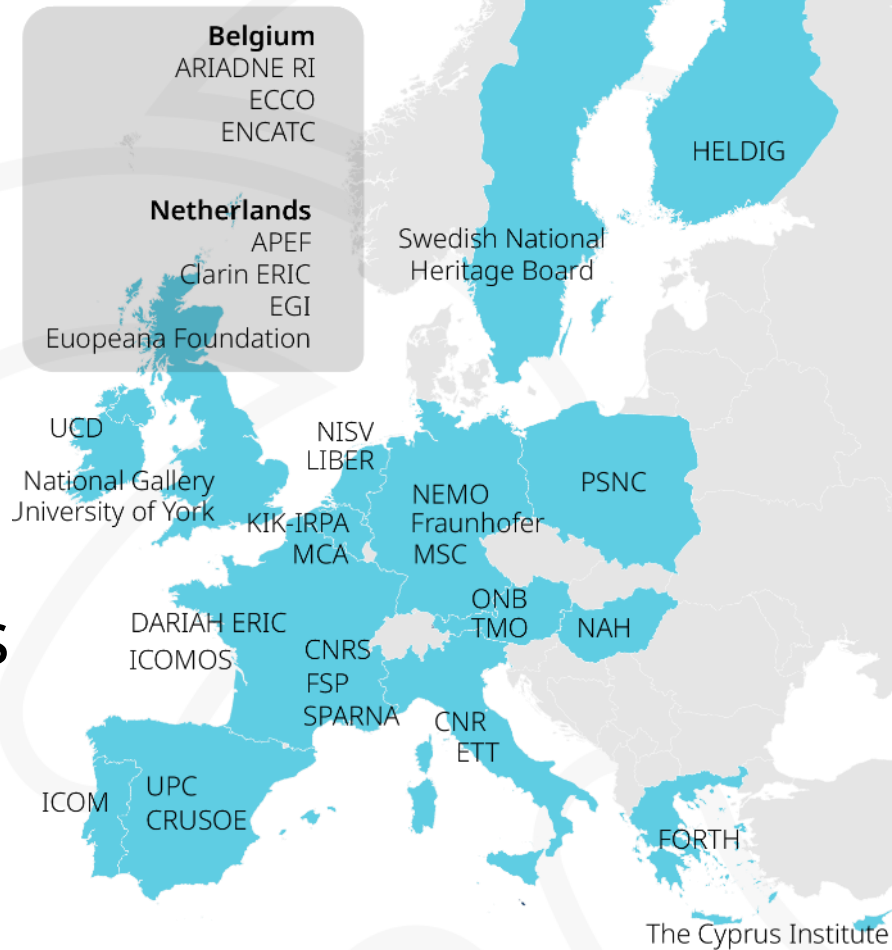
cultural
management,
media culture

digital cultural
heritage

intangible heritage
and more

ECHOES in Numbers

- 16 Countries
- 51 -> 53 Partners
- 16 Umbrella organisations representing more than 1000 organisations in Europe



Coordination

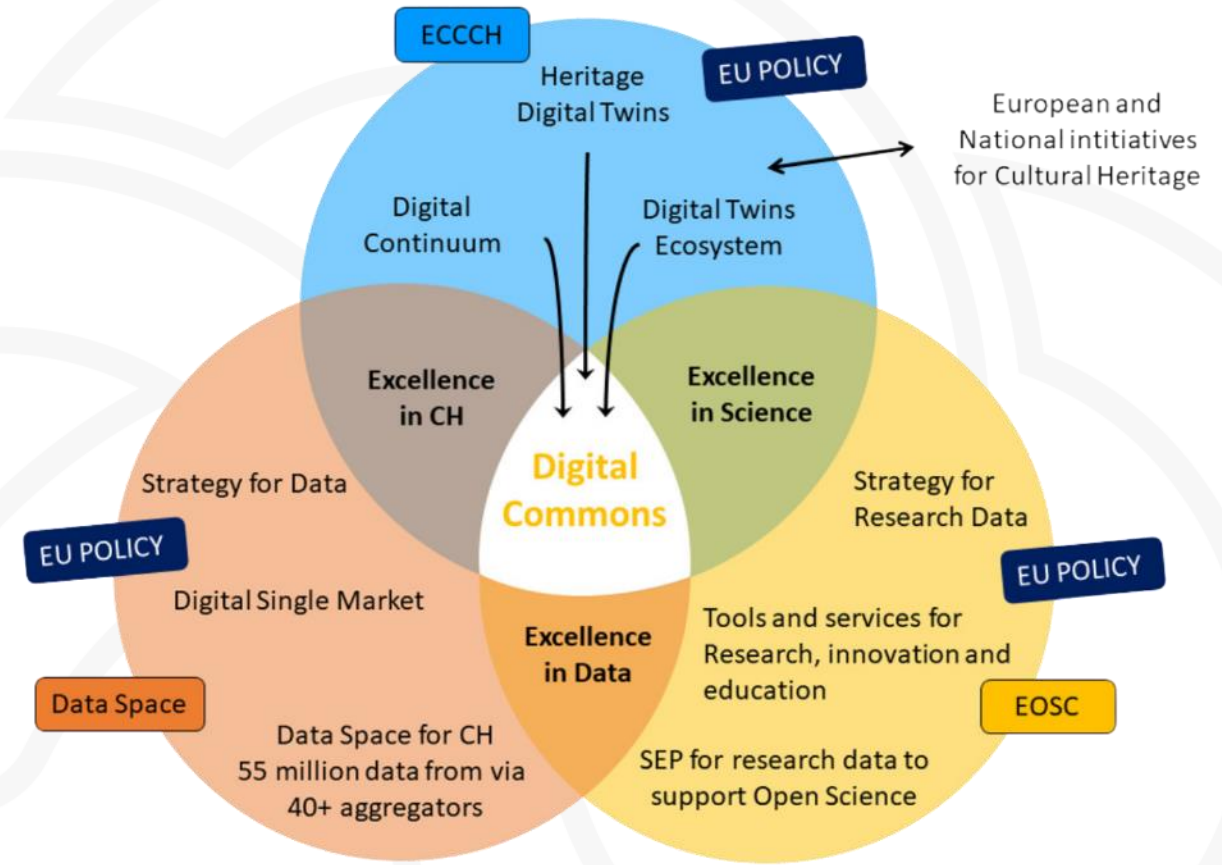


Participating Umbrella organisations



The European Initiatives

- ECHOES must set up the European Collaborative Cloud for Cultural Heritage (ECCCH) by involving the National initiatives for Cultural Heritage.
- ECCCH should also interact with the Data Space for Cultural Heritage and the European Open Science Cloud (EOSC). ECHOES' vision is that these 3 European initiatives should come together around the new concept of Digital Commons.



European Collaborative Cloud For Cultural Heritage

Three-phase support by Horizon Europe



€ 35 million
- Platform project ECHOES
- 2+1 tool projects (1 topic)



€ 48 million
- 10 tool projects (5 topics)



€ 26 million
- end-to-end test projects

European Collaborative Cloud for Cultural Heritage

- 1 Cloud
- 20 Projects
- 110 M€
- Fully implemented in 2029

AUTOMATA



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TEXTaiLES



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HERITALISE

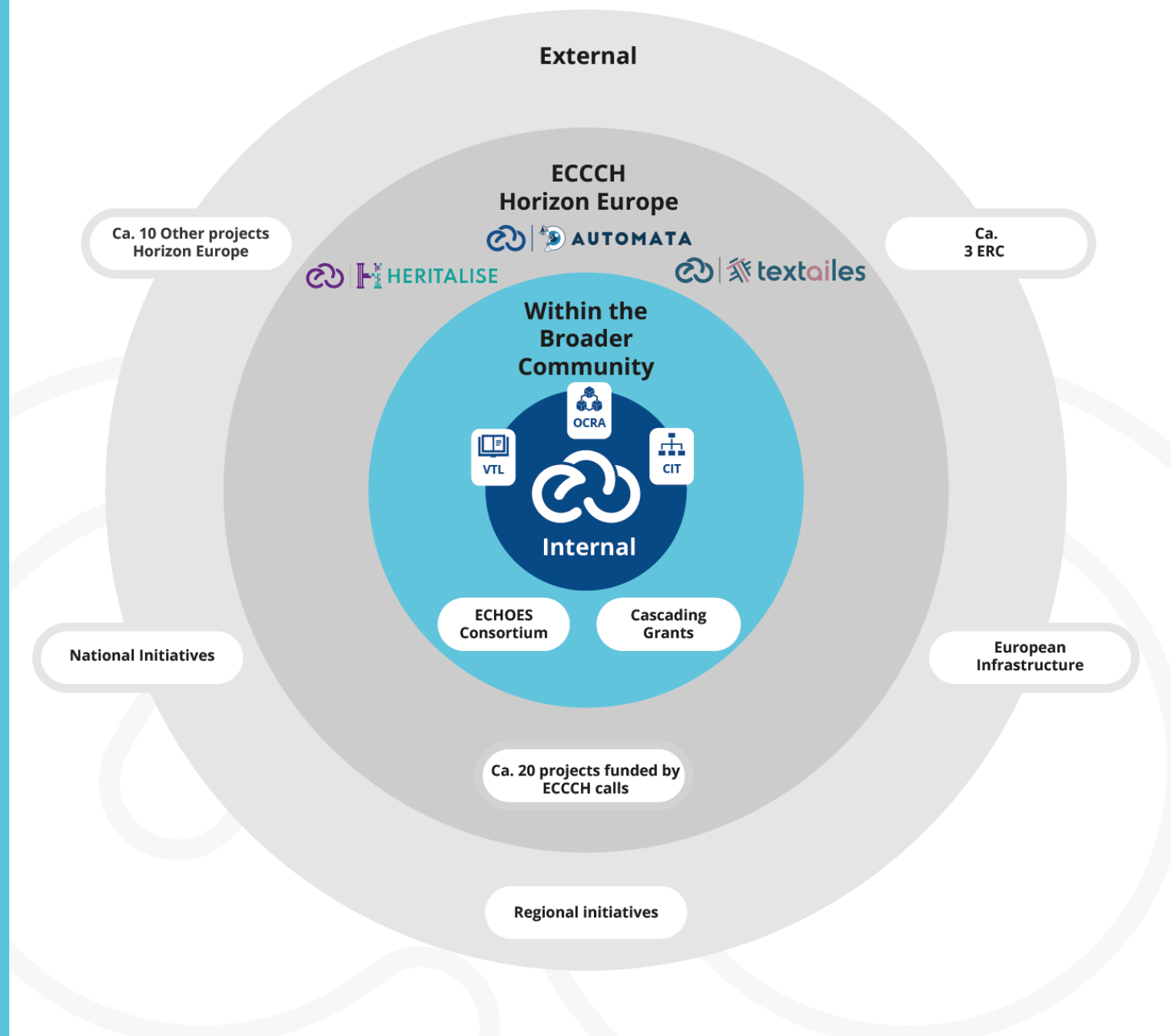


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Levels of Integration

- From internal to external
- From local to international
- In connection with other infrastructures



Tools

- Online Conservation Restoration Annotator (OCRA) is a collaborative, web-based tool, primarily designed to help the workflows in conservation-restoration, for managing three-dimensional documentation of CH objects by annotating 3D models.
- Virtual Transcription Laboratory (VTL) empowers researchers, cultural heritage professionals, and data providers to unlock and enrich text-based cultural heritage (CH) materials at scale.
- The Collection Ingestion Tool (CIT) is designed to support cultural heritage institutions in managing, enriching, and publishing their collections in an interoperable, standards-based, and future-ready way.



OCRA

Online Conservation
Restoration Annotator

[View Details](#)



VTL

Virtual Transcription
Laboratory

[View Details](#)



CIT

Collection Ingestion
Tool

[View Details](#)



Get involved

<https://www.echoes-eccch.eu/cascading-grants/>

Cascading Grants Programme

Collaborate within the Cultural Heritage Cloud

[Home](#) / Cascading Grants



First Call – Data

February 2025

12 projects

€ 60.000,00 per project

[View Details](#)



Second Call – Engagement and Collaboration

September 2025

20 projects

€ 30.000,00 per project



Third Call – Data and Vertical Application

January 2027

18 projects

€ 60.000,00 per project



[https://groupes.renater.fr/
limesurvey/index.php/55
3314?lang=en](https://groupes.renater.fr/limesurvey/index.php/553314?lang=en)

We invite you to
contribute and **share**
with your network!

ECHOES Consultation

- Questionnaire

How various communities working with cultural heritage use digital tools in their daily practice?

Open until end of June 2025

- Workshops

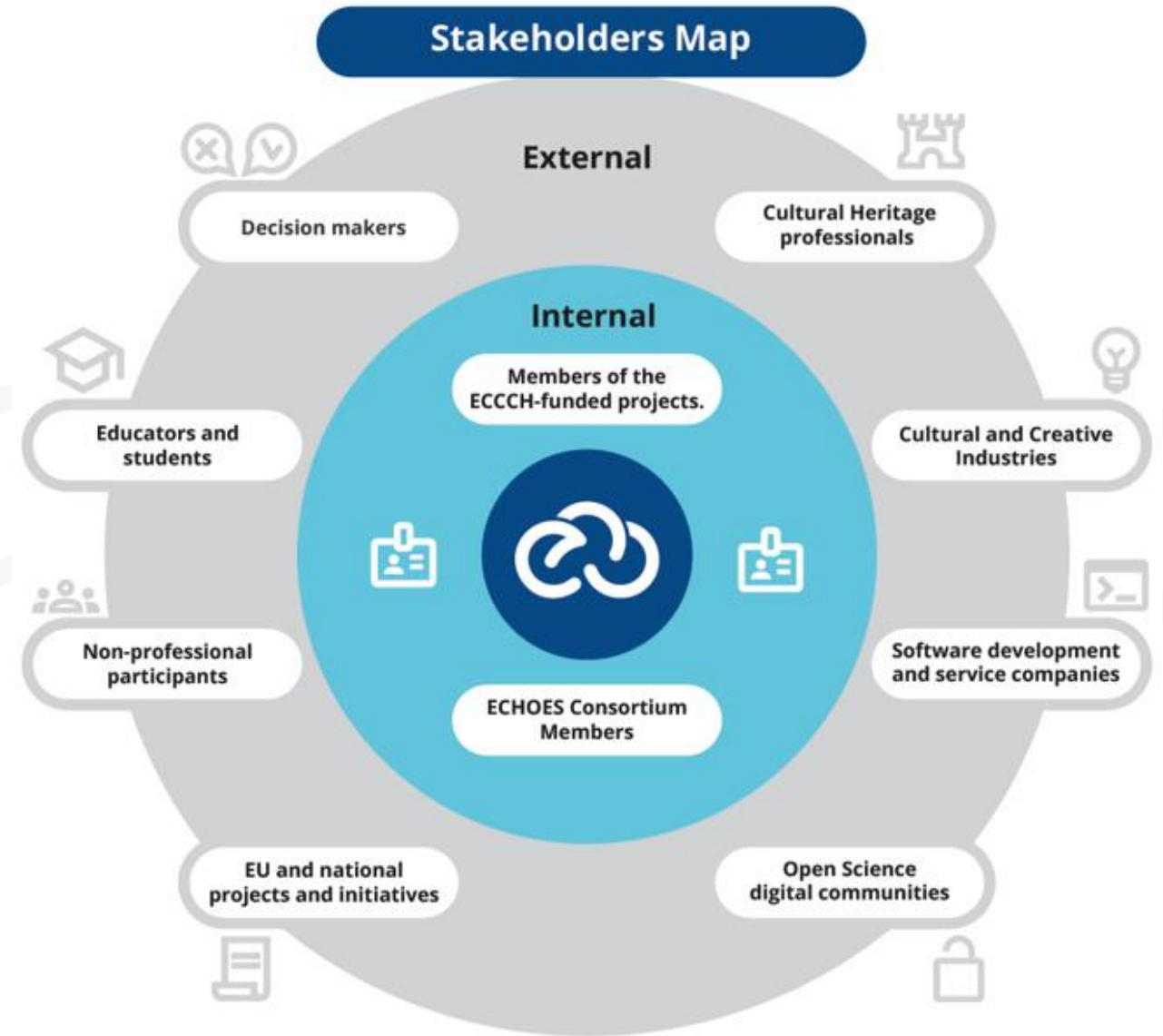
- CAA (Athens, 5-9 May) and DH2025 (8-13 September), more to be announced

- Focus groups

- Targeted interviews

Target Users

The success of ECHOES depends on effectively engaging a diverse range of stakeholders. These groups, each with unique needs, roles, and contributions, form the backbone of the project's ecosystem. By addressing their specific requirements and setting up meaningful interactions, ECHOES builds a robust, collaborative platform that supports cultural heritage preservation, research, and innovation.



ECHOES, cas d'étude & jeux de données



<https://forms.office.com/e/BYUfbmuqte>

How to collaborate:

- Open Source, Open Data, Open Science
- Institutional or national partnerships
- ECHOES Consultation
- Uses cases, Tools & Datasets
- Sharing Digital Commons



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**UK Research
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