



ECHOES Policy Event

Toward the Cultural Heritage Cloud

12th December 2024, Brussels / Online



Royal Institute for
Cultural Heritage



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UK Research
and Innovation

ECHOES is a project funded by the European Commission under Grant Agreement n.101157364, with the support of UK Research and Innovation (UKRI) under the UK government's Horizon Europe funding guarantee n.10110142 & n.10110466.



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INTERIM DIRECTOR GENERAL, E-RIHS

 echoes

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 echoes

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DIRECTOR GENERAL, EC DG RTD





Chris DE LOOF



INNOVATION MANAGER, BELSPO/BELNET

Lionel MAUREL



SCIENTIFIC DEPUTY DIRECTOR, CNRS
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**Costanza
MILIANI**

DIRECTOR, CNR-ISPC





Xavier RODIER

DIRECTOR, MSH VAL DE LOIRE
COORDINATOR OF ECHOES



ECHOES: European Cloud for Heritage OpEn Science

The role of ECHOES in setting up the Cultural Heritage Cloud

Xavier Rodier, CNRS, ECHOES Scientific Coordinator

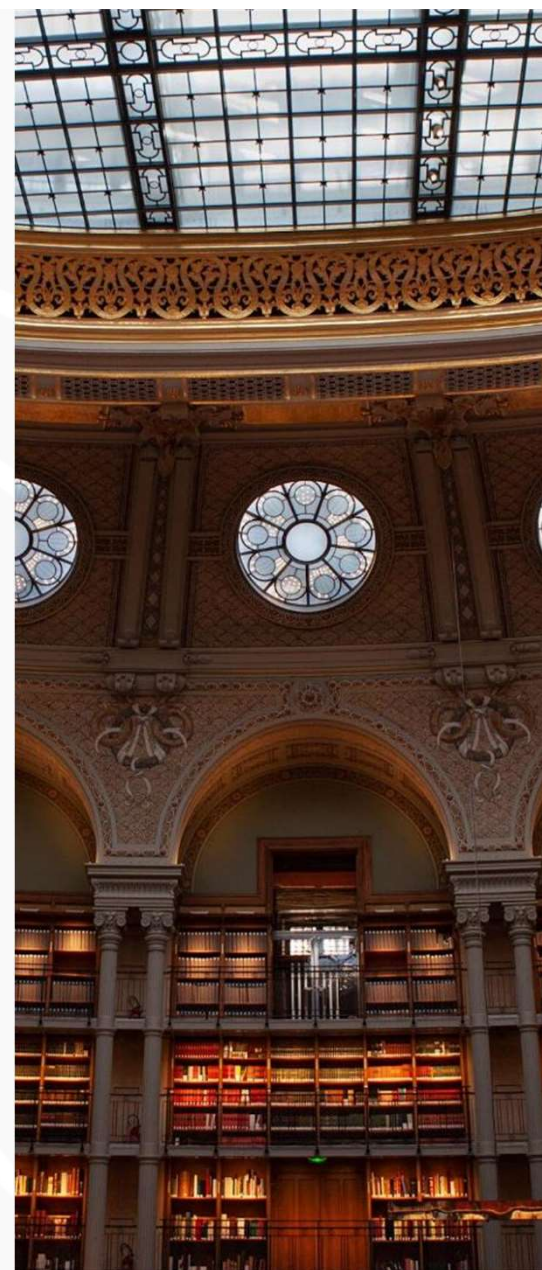
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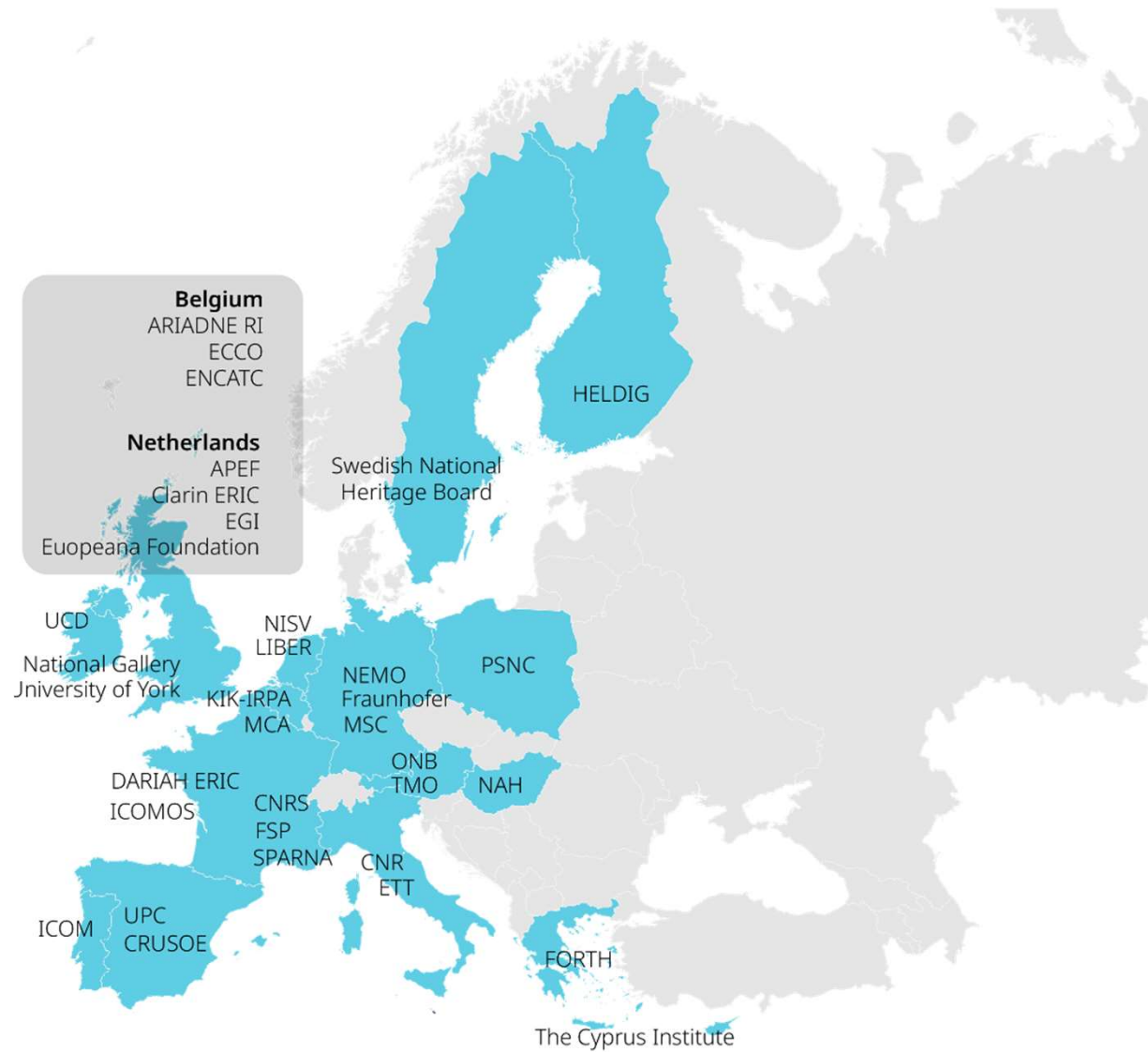
Mission and aims

- 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.
- The final aim is to strengthen the European Research Area and EU leadership in research for cultural heritage



ECHOES in Numbers

- **16** Countries
- **51** Partners
- **15** Umbrella organisations



ECHOES in Numbers

- ECHOES' consortium includes 15 umbrella organisations representing **more than 1000 organisations in Europe**, and a variety of disciplines:

language as social
and cultural data

art, archaeology,
museums

archives, libraries

monuments and sites

conservation-
restoration

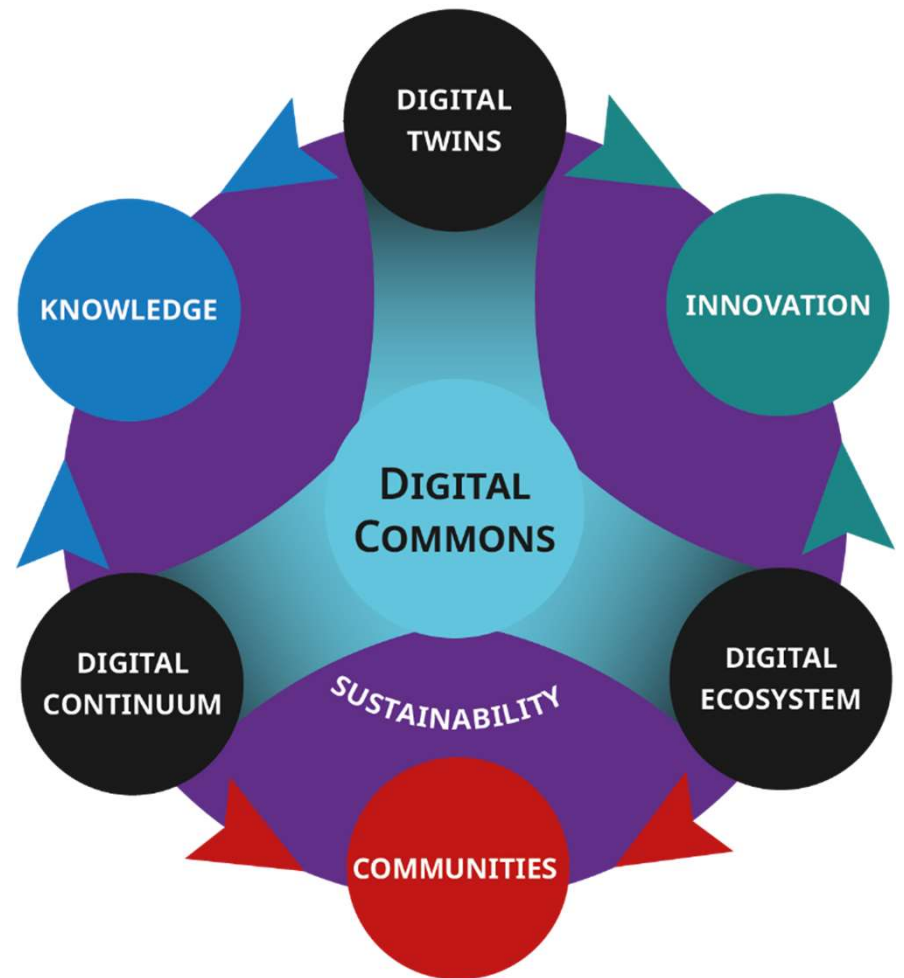
cultural management,
media culture

digital cultural
heritage

intangible heritage
and more

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.



ECHOES Pillars



Community Pillar

Aims to build and organise the ECCCH community by leveraging the various sectors of CH and provides essential training to facilitate the adoption and use of the Cloud.



Knowledge Pillar

Responsible for creating the cloud infrastructure and setting up the CH Knowledge Base.



Innovation Pillar

Focuses on the development of user-friendly vertical applications and on the assessment of the ECCCH digital ecosystem.



Sustainability Pillar

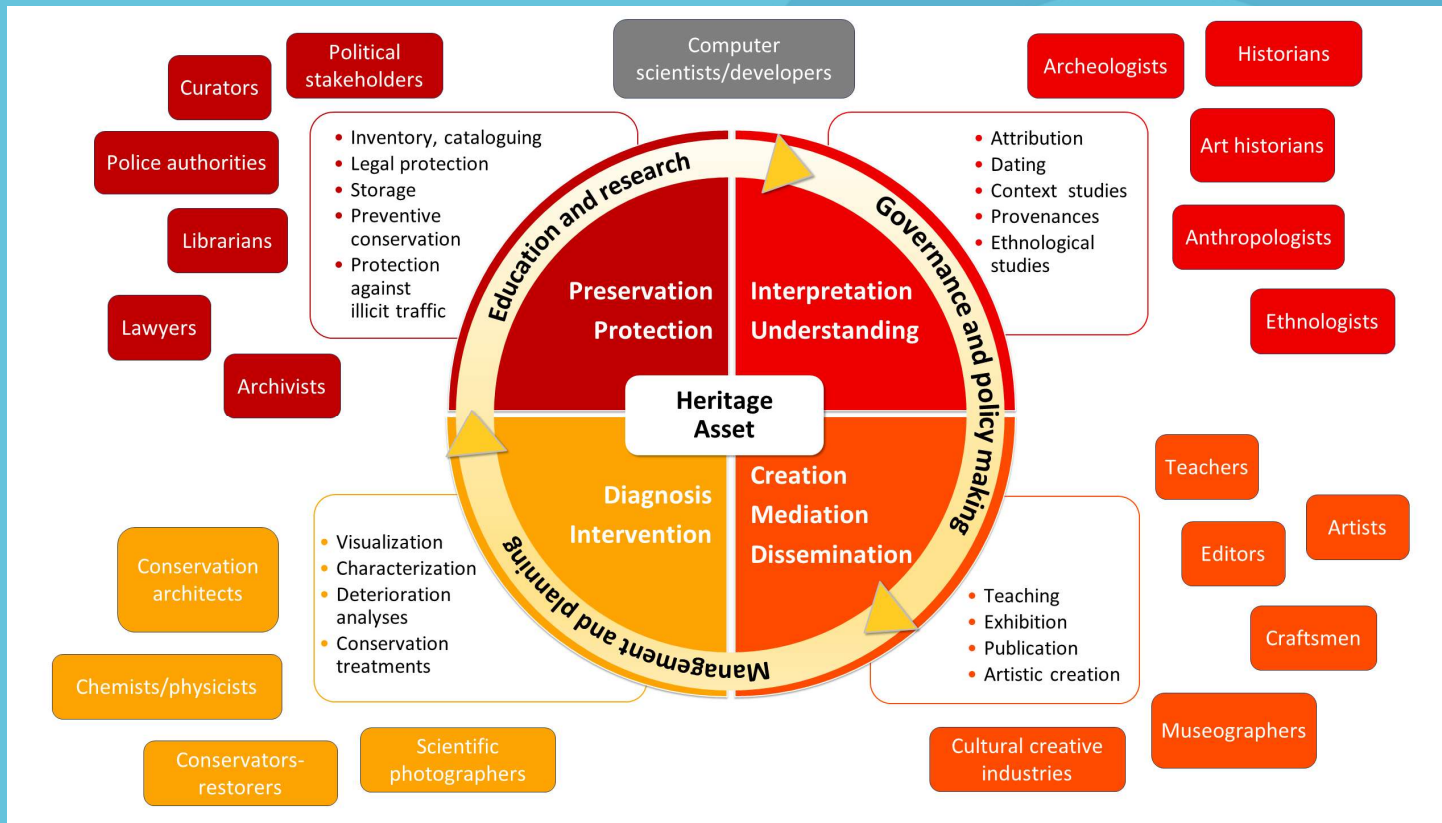
Aims to establish a legal entity to ensure the cloud's economic, social, and environmental sustainability, securing its leadership both in the EU and globally.



Transversal Pillar

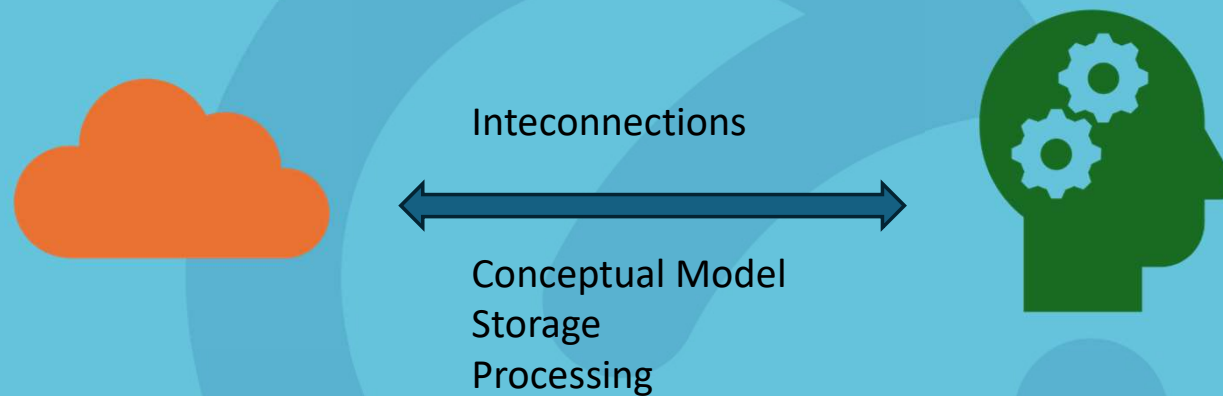
Includes all the activities dedicated to management and communication, as well as enhancing collaboration and integrating data and tools from various projects and complementary initiatives.

Community Pillar

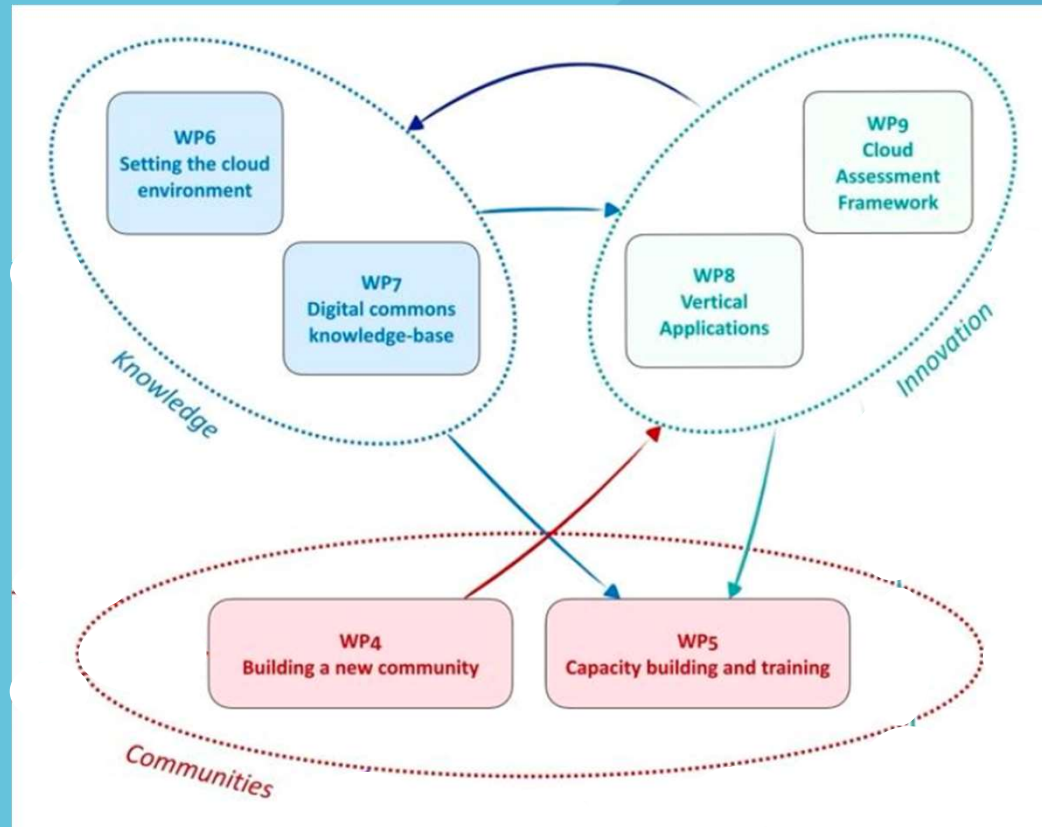


ECHOES

Knowledge Pillar



Innovation Pillar



SUSTAINABILITY PILLAR

To go beyond the ECHOES project



Cross-issues

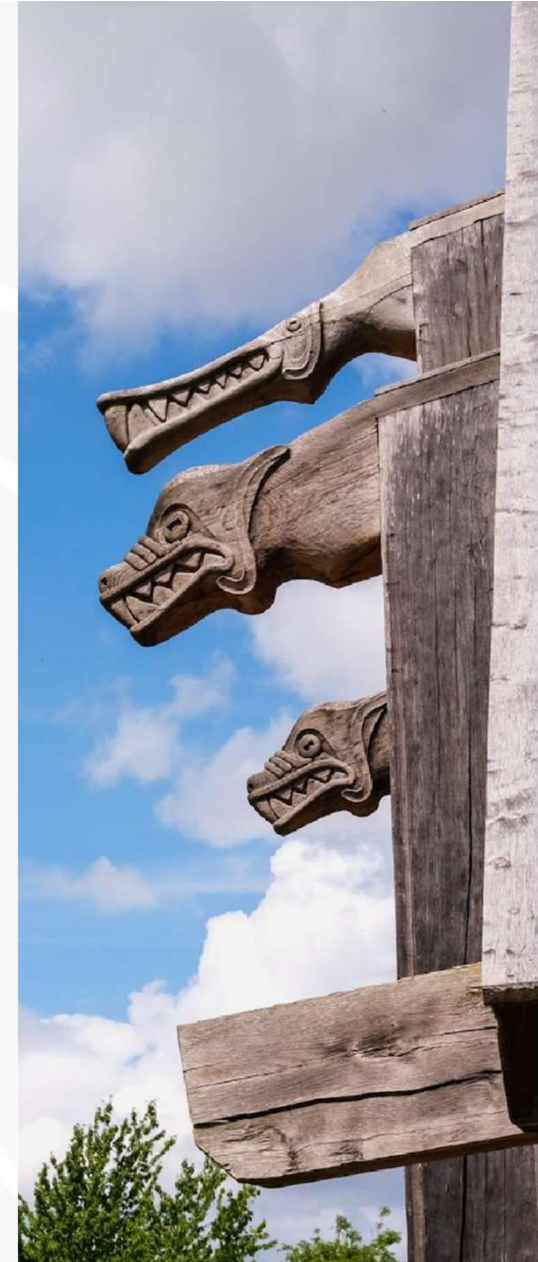
- Design the infrastructure with and for user communities
 - Diversity of communities
 - Interdisciplinary
 - Inter-institutional
 - Level of commitment to the digital turn
 - Different needs
 - Data access
 - Data production
 - Uses and purposes: consultation, processing, calculation, display...
 - They address the same cultural heritage assets but do not necessarily define them in the same way (vocabularies, ontologies, scale of analysis...)



Cross-issues

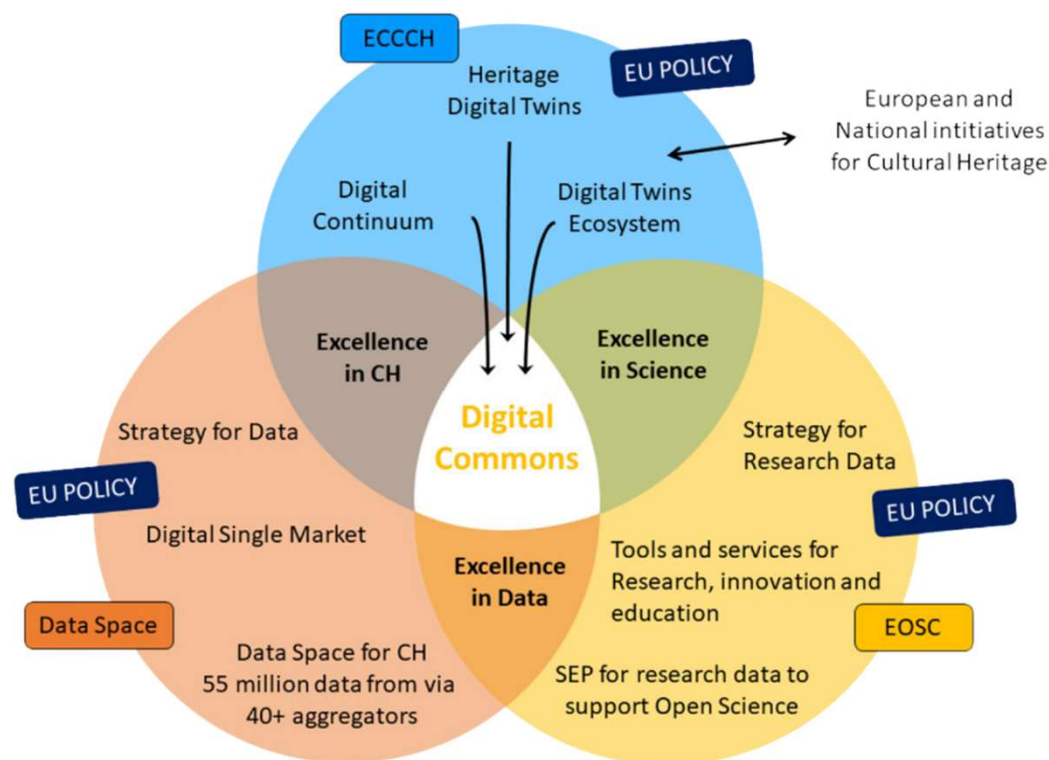
Added value of the Cultural Heritage Cloud

- Offering a Single Entry Point
 - Make access as simple and straightforward as possible for users
 - Avoid redundancy wherever possible
- Guarantee data quality
 - Technical quality
 - Scientific quality of data
- FAIR publication DATA and services
- Digital Commons



The EU ecosystem

- 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**.

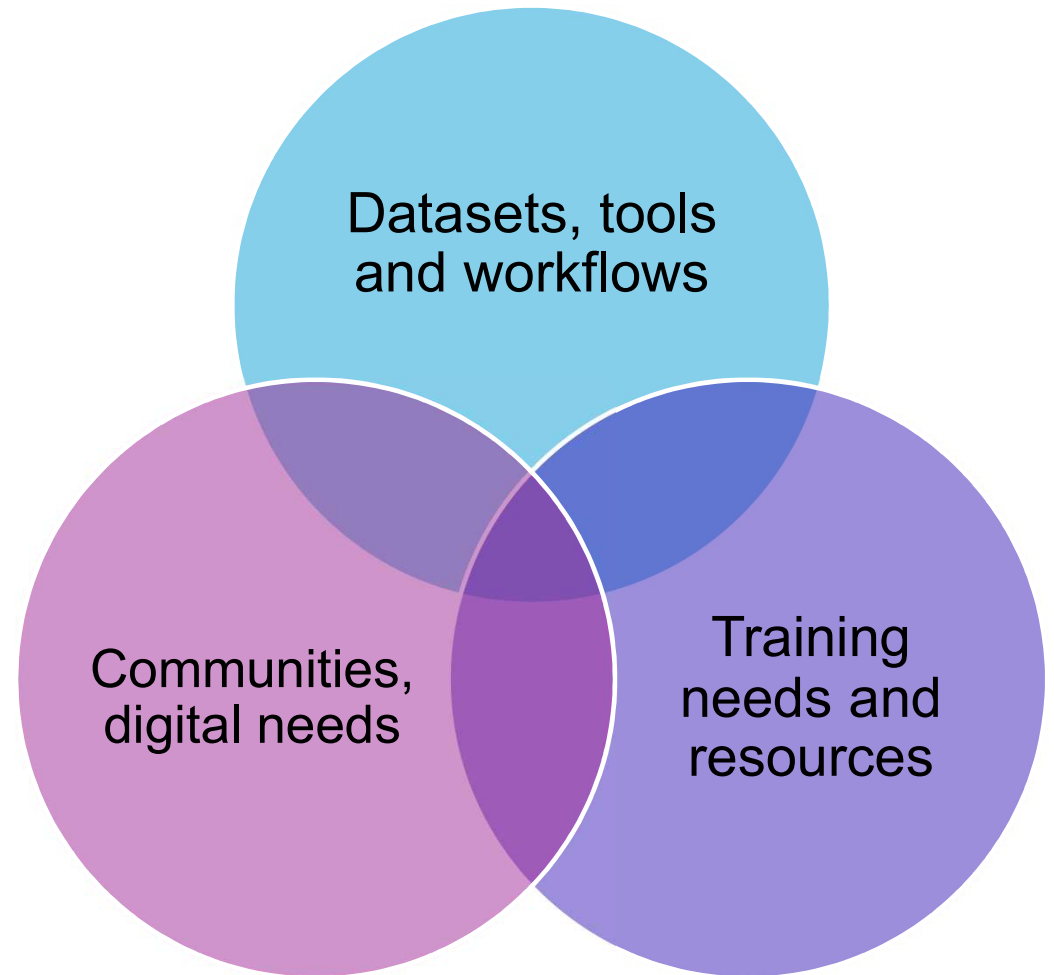


Three way to get involved



Get involved

**A
forthcoming
Consultation**



Get involved

- **ECHOES Cascading Grants Programme** will allow the testing of tools and applications developed outside the consortium to integrate them into the ECCCH
- Three Open Calls will be published:
 - **Call 1: Data** (expected to be published in February 2025 - 12 projects, 60.000 € per project)
 - **Call 2: Engagement and Collaboration** (expected to be published in Autumn 2025 - 20 projects, 30.000 € per project)
 - **Call 3: Data and Vertical Applications** (expected to be published in Autumn 2026 - 18 projects, 60.000 € per project)



Get involved

ECCCH's calls

- **Three-phase support by Horizon Europe: 2023, 2024, 2025**
- **20 projects to integrate into the Cultural Heritage Cloud**

Thank you



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Bart
FRANSEN



HEAD, CENTRE FOR THE STUDY OF THE
FLEMISH PRIMITIVES, KIK-IRPA

ROUND TABLE

Establishing a multi-level governance for the Cultural Heritage Cloud

Moderation:

Philippe **VENDRIX** *Research Director, CNRS*

Participants:

- Pascal **LIEVAUX**, *Chair of JPI Cultural Heritage, French Ministry of Culture*
- Sophie **CUMMINGS**, *Head of Infrastructure, AHRC UKRI*
- Eva **STENSKÖLD**, *Director, Swedish National Data Service*
- Rickard **BUCKSCH**, *Policy Officer, EC DG RTD*



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