

ECHOES: European Cloud for Heritage OpEn Science

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

GA 101157364

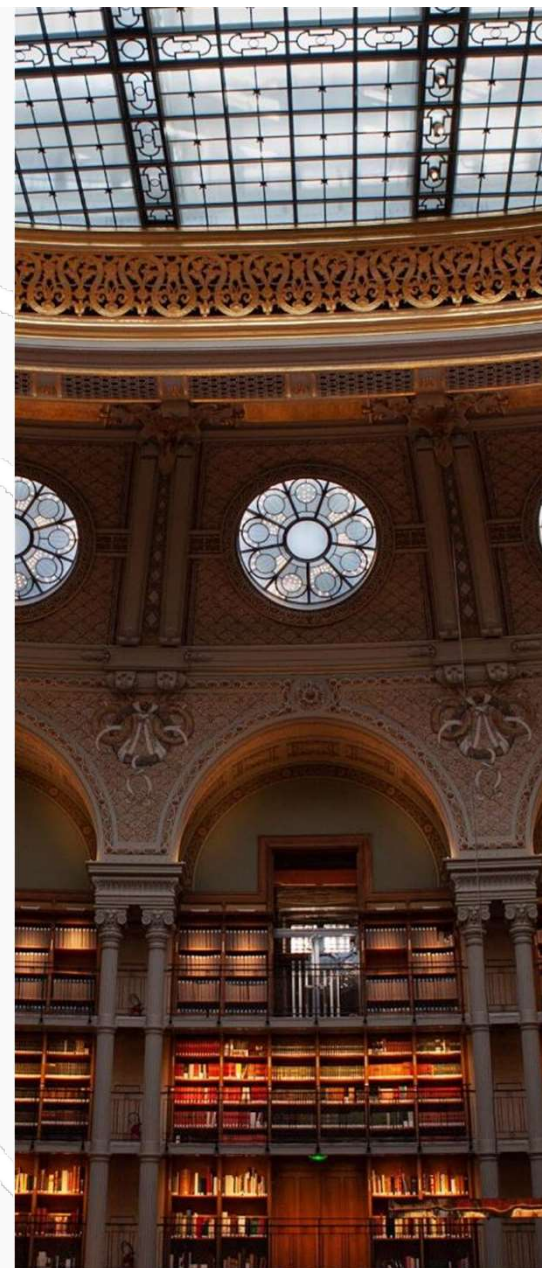


Funded by
the European Union



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.



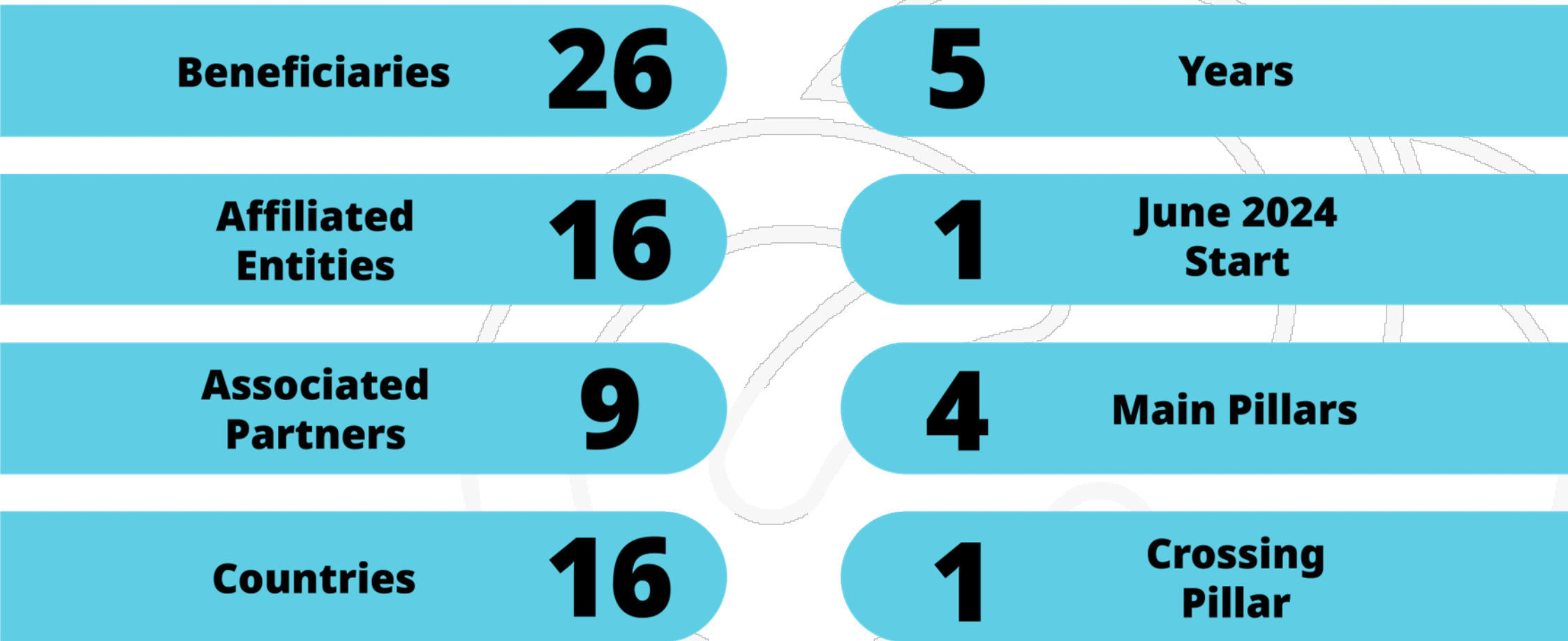
ECHOES and ECCCH

- ECCCH: flagship initiative of Horizon Europe to help the CH sector to take full advantage of the opportunities of the digital transition.
- ECHOES is a EU funded project whose mission is to set up the ECCCH – the Cultural Heritage Cloud – integrating the results of all ECCCH-funded projects from the 2023-2025 EU calls.
- The EC has explicitly requested ECHOES to be the Single Entry Point (SEP) for stakeholders, to highlight the coherence of the CH Cloud initiative.
- All ECCCH-funded projects are members of a larger community coordinated by ECHOES.



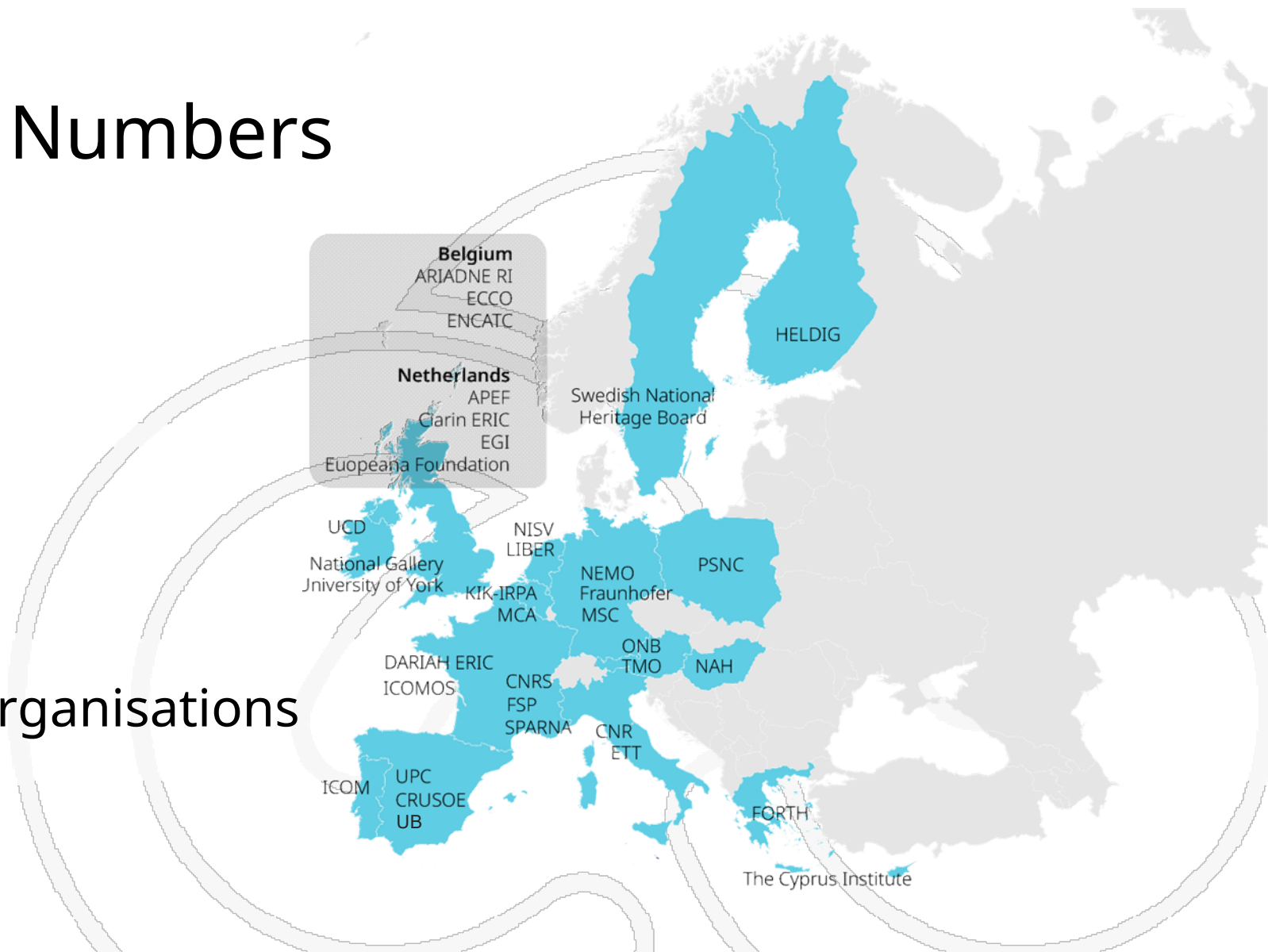


ECHOES in Numbers



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

- During the construction of the project, ECHOES received **240 expressions of interest** from various Cultural Heritage stakeholders in **36 EU and non-EU countries**

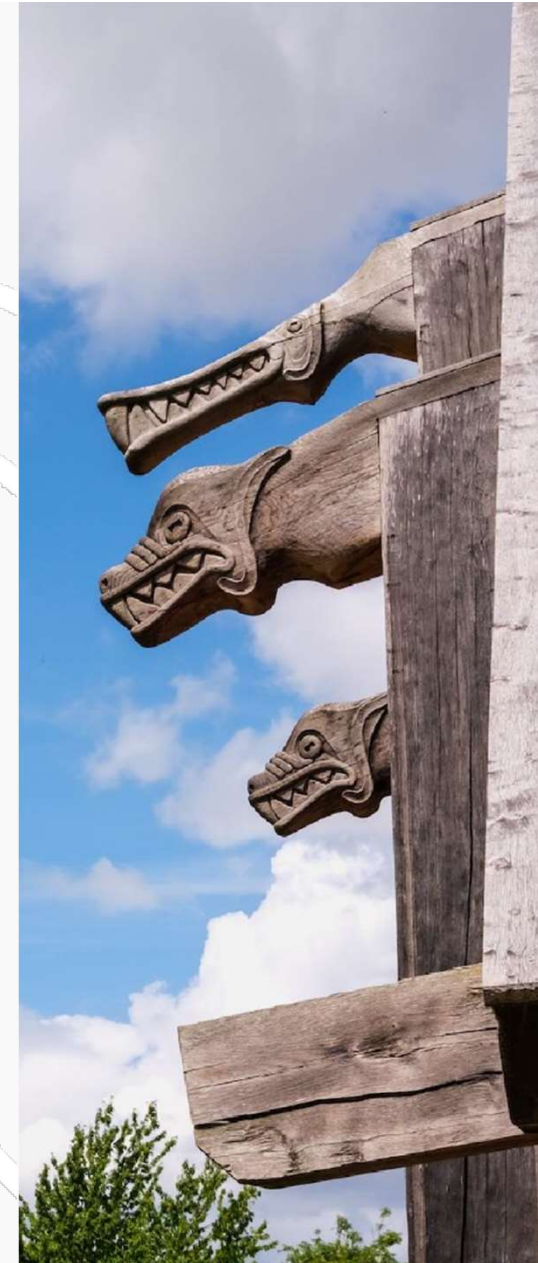
Strategic objectives

1. **Build an open-source infrastructure** that enables the creation of practical applications driven by CH communities' needs
2. **Move away from an object-focused approach to a holistic approach** to digital transformation of both tangible and intangible assets
3. **Bring together fragmented communities** within the CH sector into a new cohesive community



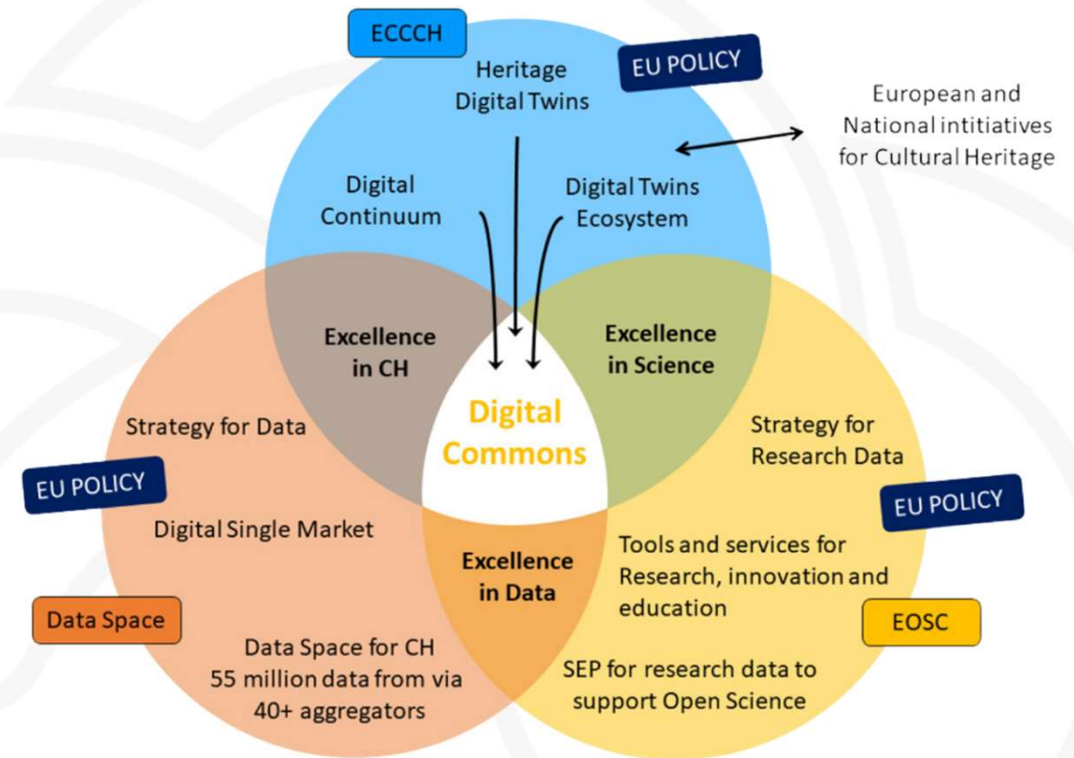
Strategic objectives

4. **Integrate results** of past, current and future ECCCH-related projects regarding data, services, digital processes and applications
5. **Deliver a sustainable and inclusive legal entity** that handles the development, deployment, and maintenance of the ECCCH platform
6. **Enable and foster innovative, collaborative co-creation** of new knowledge around the Digital Commons



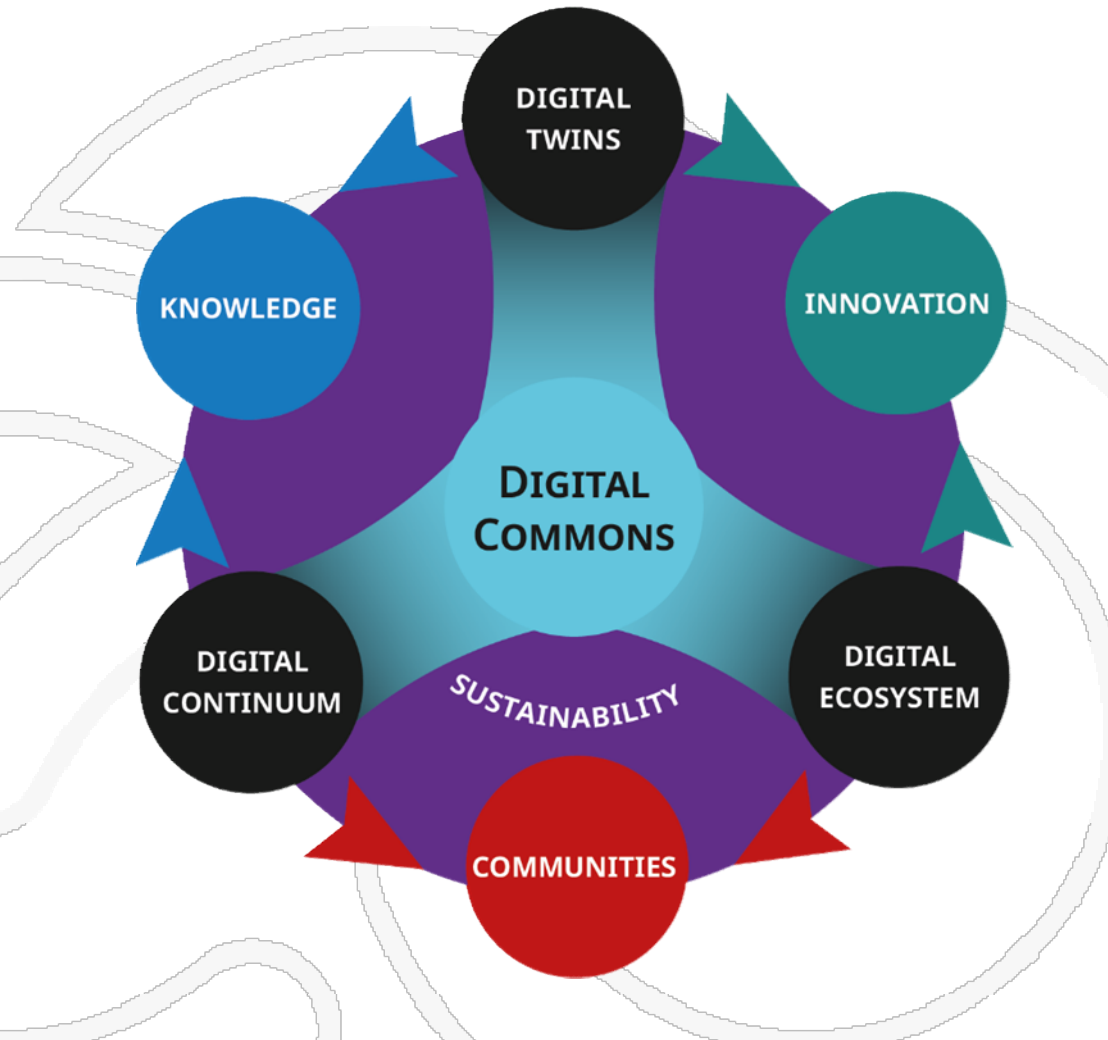
The Digital Commons

- 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**.

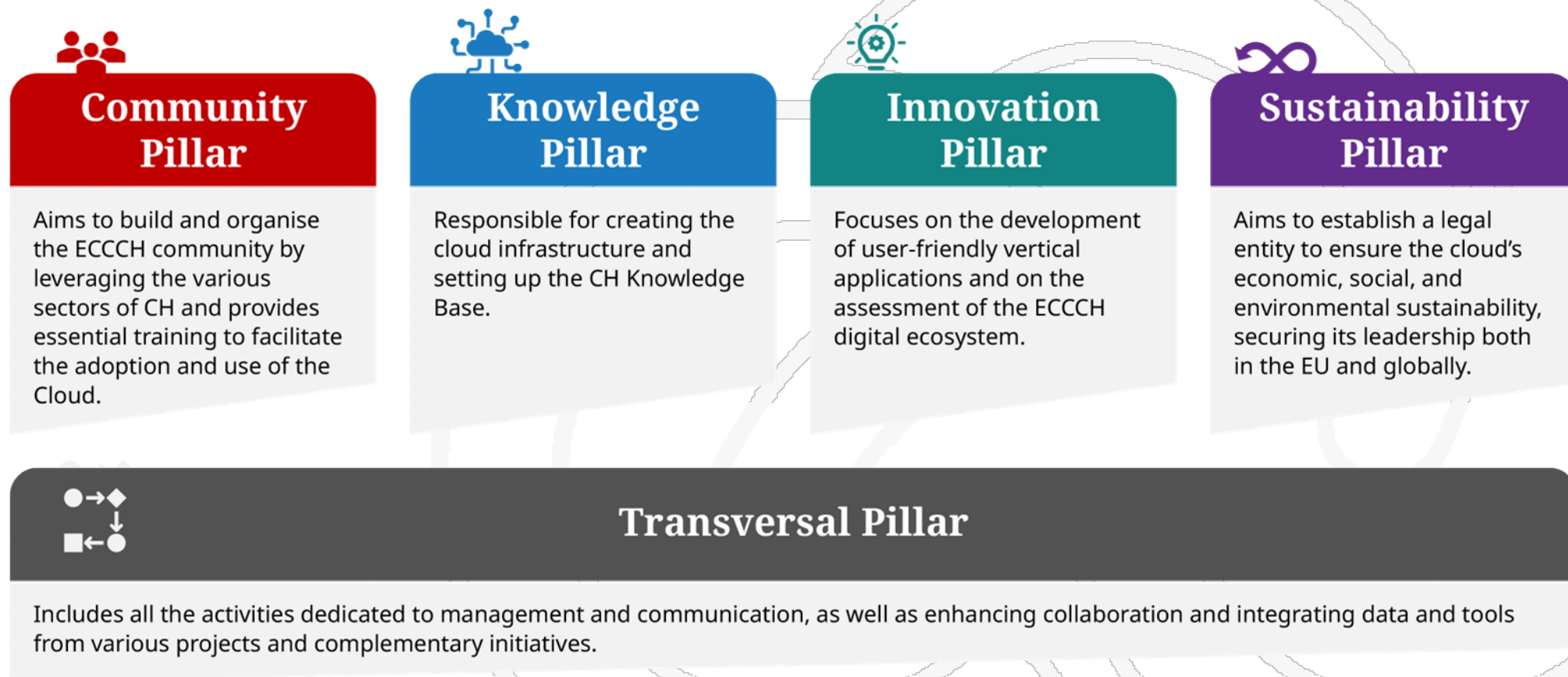


The Digital Commons

- 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.

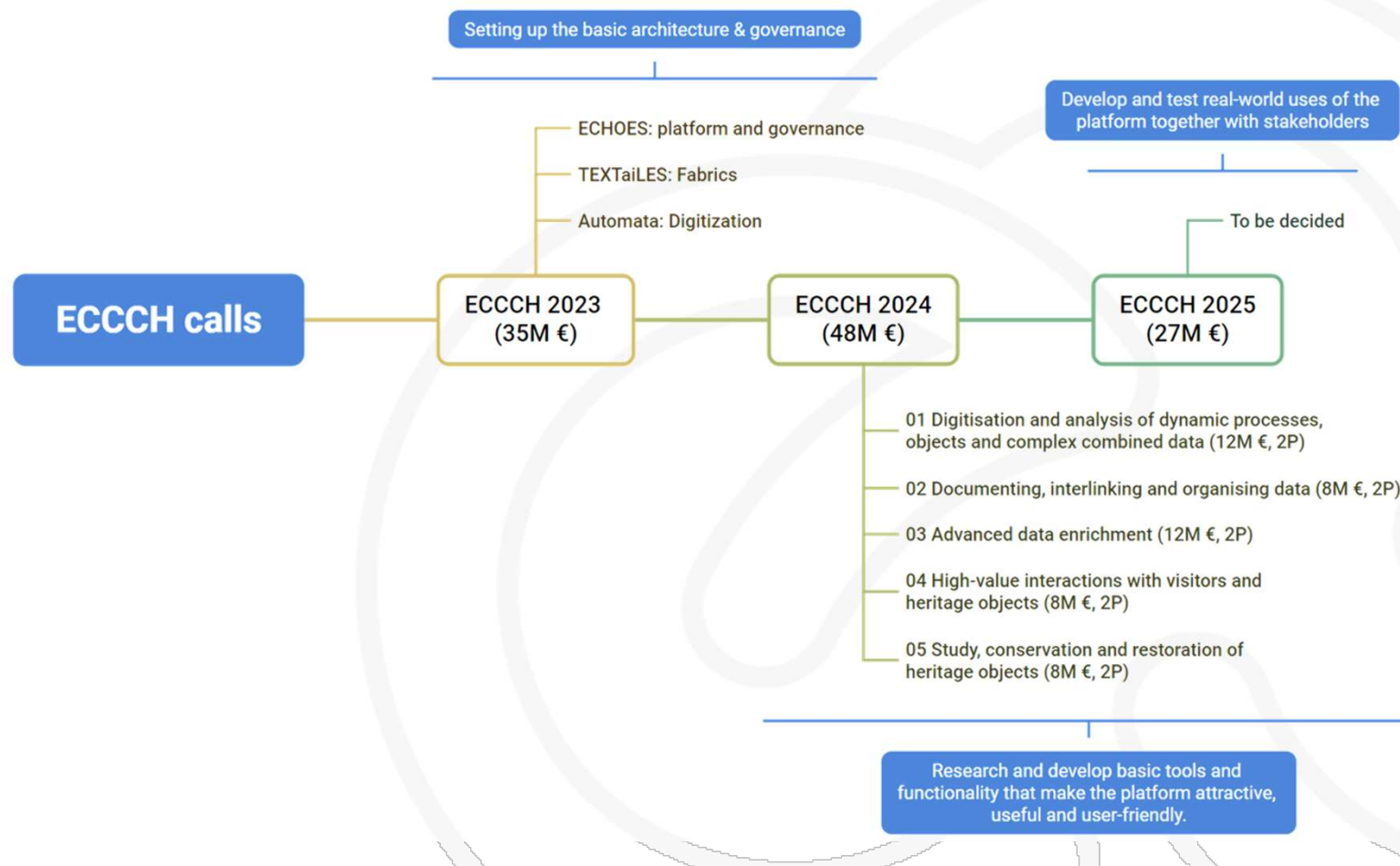


ECHOES Pillars



Getting involved

ECCCH calls



ECHOES cascading grants

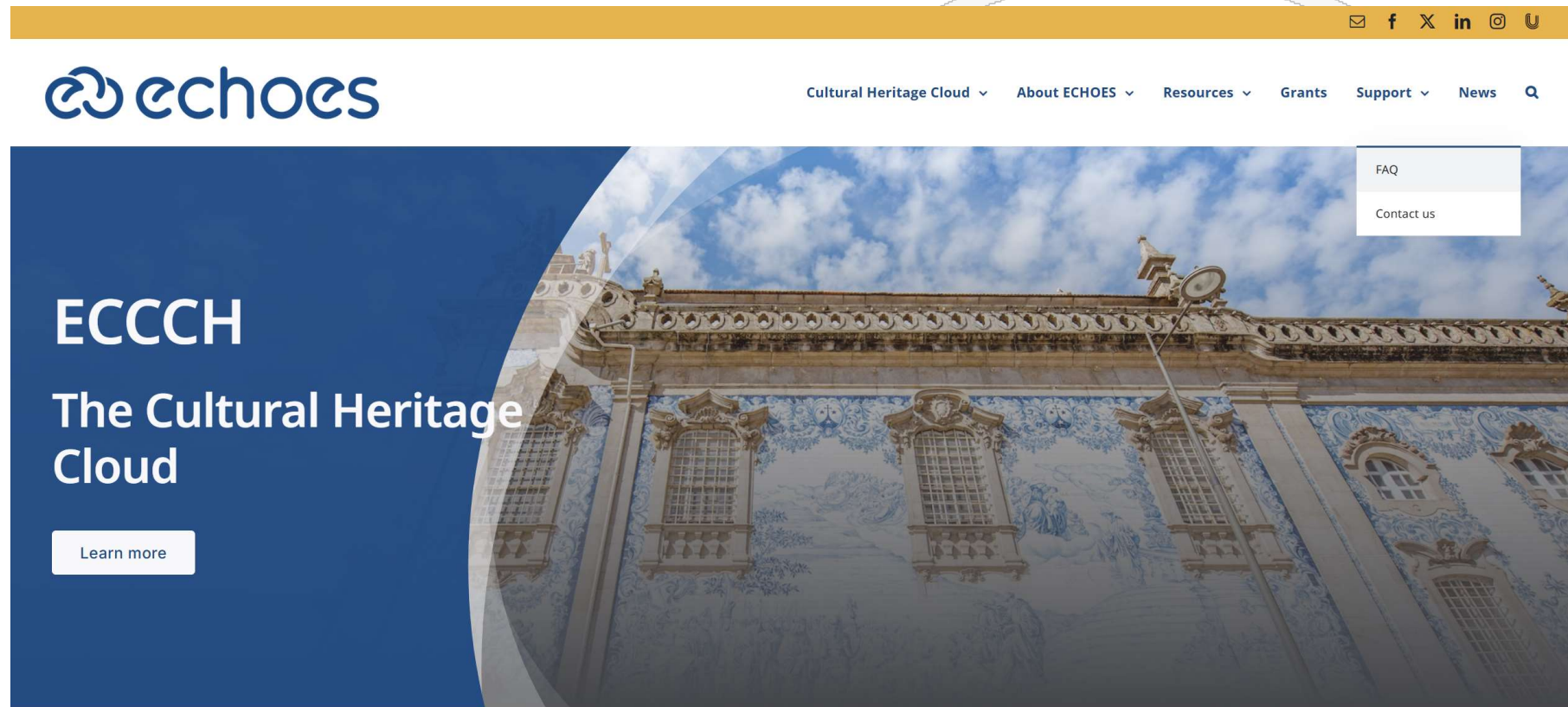
- ECHOES Cascading Grants Programme will allow the testing of tools and applications developed outside the consortium to integrate them into the ECCCH
- Three Open Calls will be published:
 - **Call 1: Data** (expected to be published in February 2025 - 12 projects, 60.000 € per project)
 - **Call 2: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



FAQ



ECHOES web

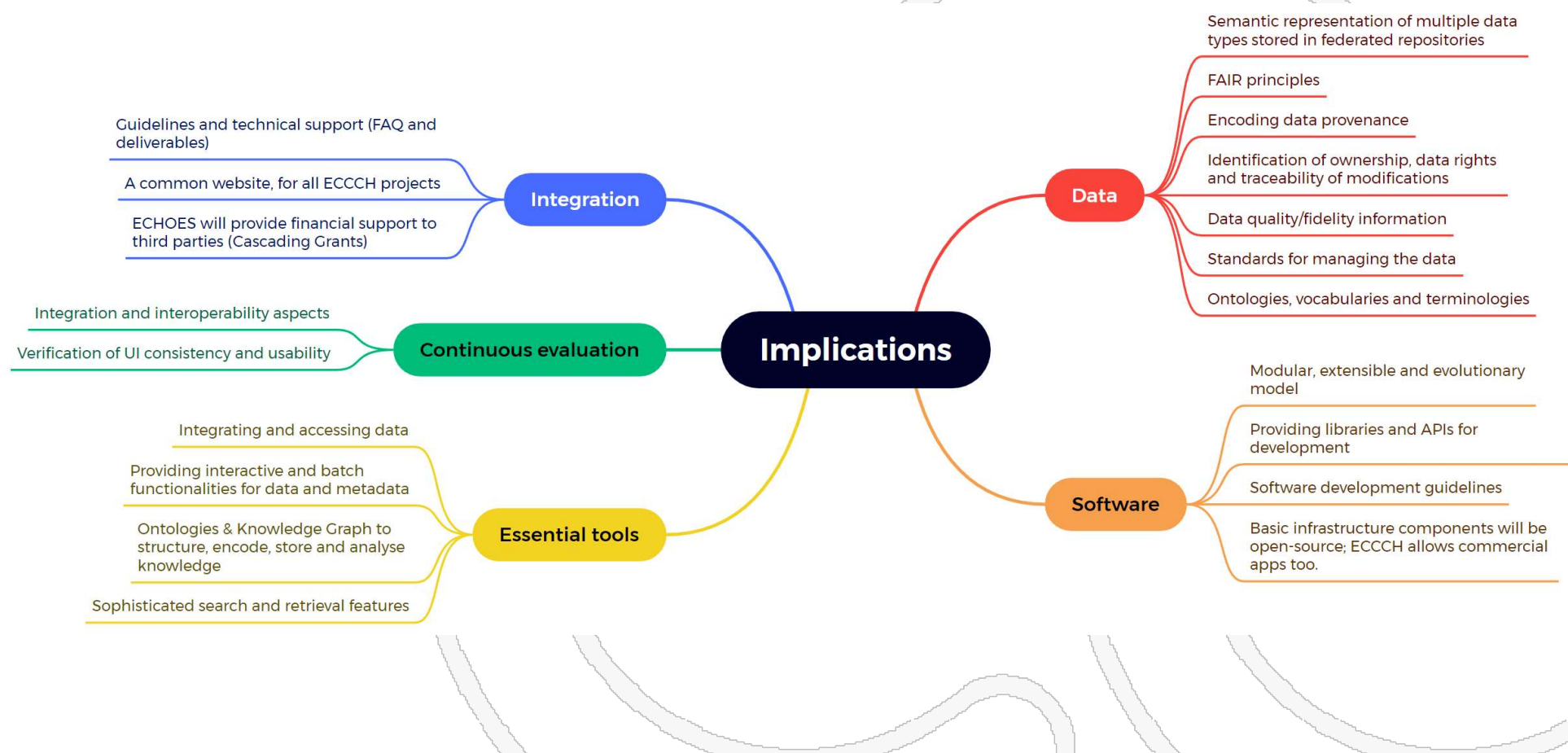


ECHOES and the Data Space for CH

What is the relationship between ECHOES and the common European data space for cultural heritage?

- The **data space** serves as the main EU entry point for **access to CH data**, for use and reuse by large audiences, including educators, creatives and citizens, as well as by other sectors and other data spaces.
- **ECHOES** aims to create Digital Commons that integrates **services and tools** to form a comprehensive virtual environment for CH professionals.
- Through interoperable frameworks, data from the data space will flow securely to ECHOES for heritage professionals to work with, while research outputs and data generated in ECHOES will be accessible through the data space for reuse across various sectors.
- Other Data Spaces (e.g. the Data Space for Tourism) might be integrated in the process of developing the Cultural Heritage Cloud.

Implications for other projects



Living ECHOES FAQ

<https://www.echoes-eccch.eu/faq/>

Integration and Interoperability

- +** How should projects be designed to integrate with the evolving ECHOES platform?
- +** What are the key interoperability requirements for projects integrating with ECHOES?
- +** Can existing projects with commercial components be integrated into ECHOES?
- +** How are future projects integrated into the ECHOES ecosystem?

Data Model and Technical Resources

- +** Can the ECHOES data model be extended for specific use cases?
- +** Will ECHOES provide specific technical resources for tool development?

Thank you



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- ECHOES**



**Funded by
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**UK Research
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