

# ECHOES: European Cloud for Heritage OpEn Science

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

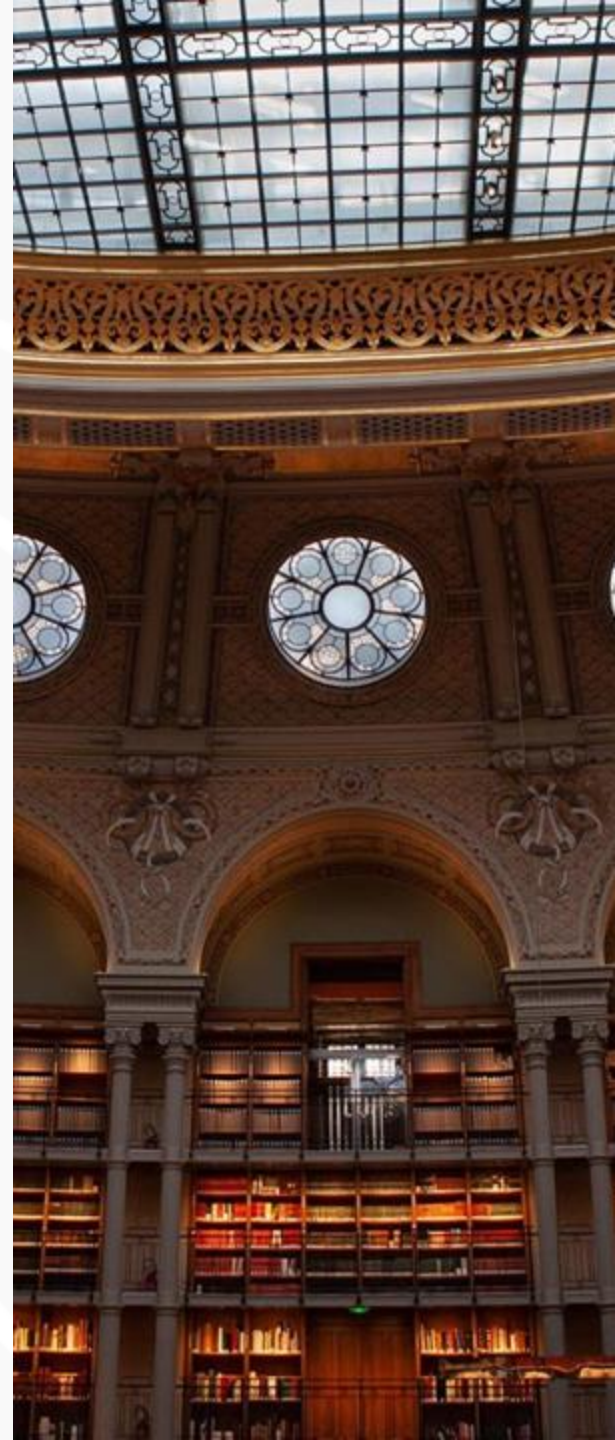
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the European Union

# 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 in Numbers

**Beneficiaries**

**26**

**5**

**Years**

**Affiliated  
Entities**

**16**

**1**

**June 2024  
Start**

**Associated  
Partners**

**9**

**4**

**Main Pillars**

**Countries**

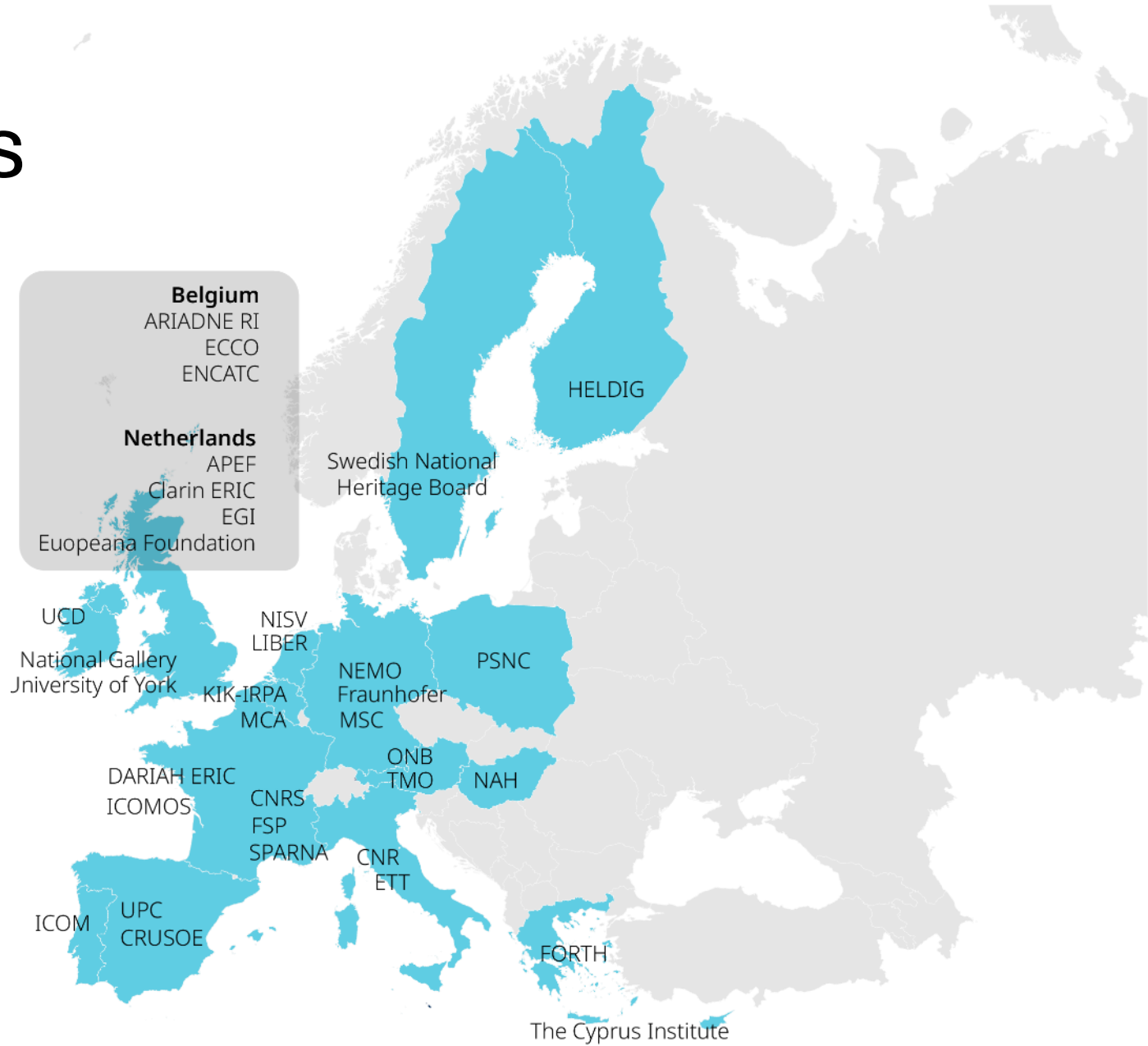
**16**

**1**

**Crossing  
Pillar**

# 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 has already 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



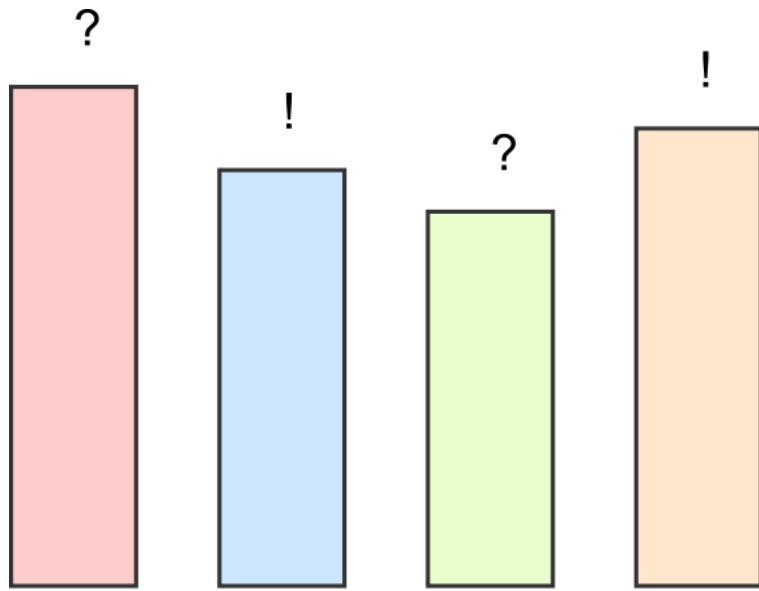
# Strategic objectives

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

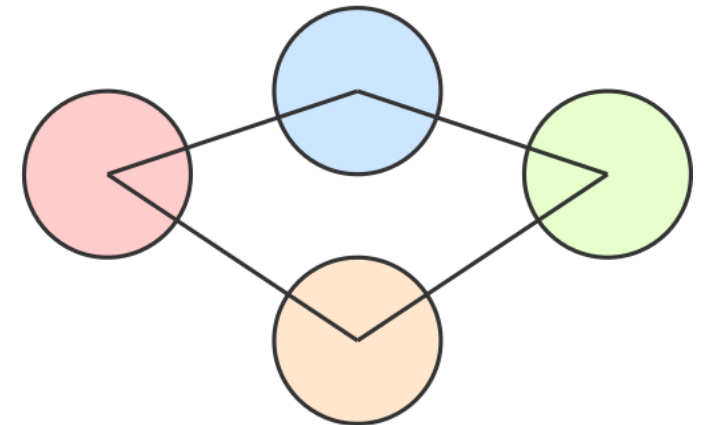


# Why join ECHOES ?

*"From fragmented knowledge to collective intelligence: a new era for Cultural Heritage"*



Isolated Communities

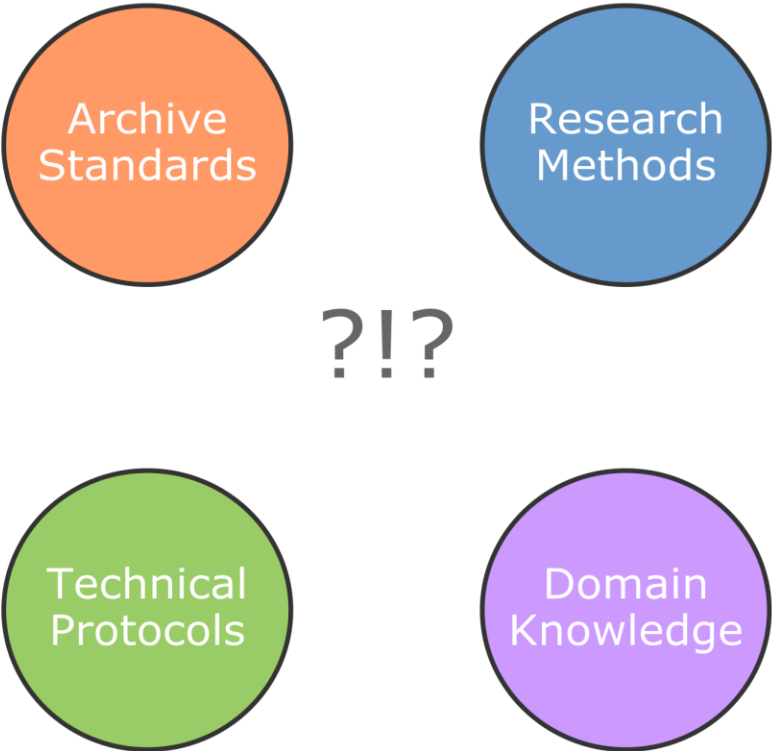


Harmonized Ecosystem

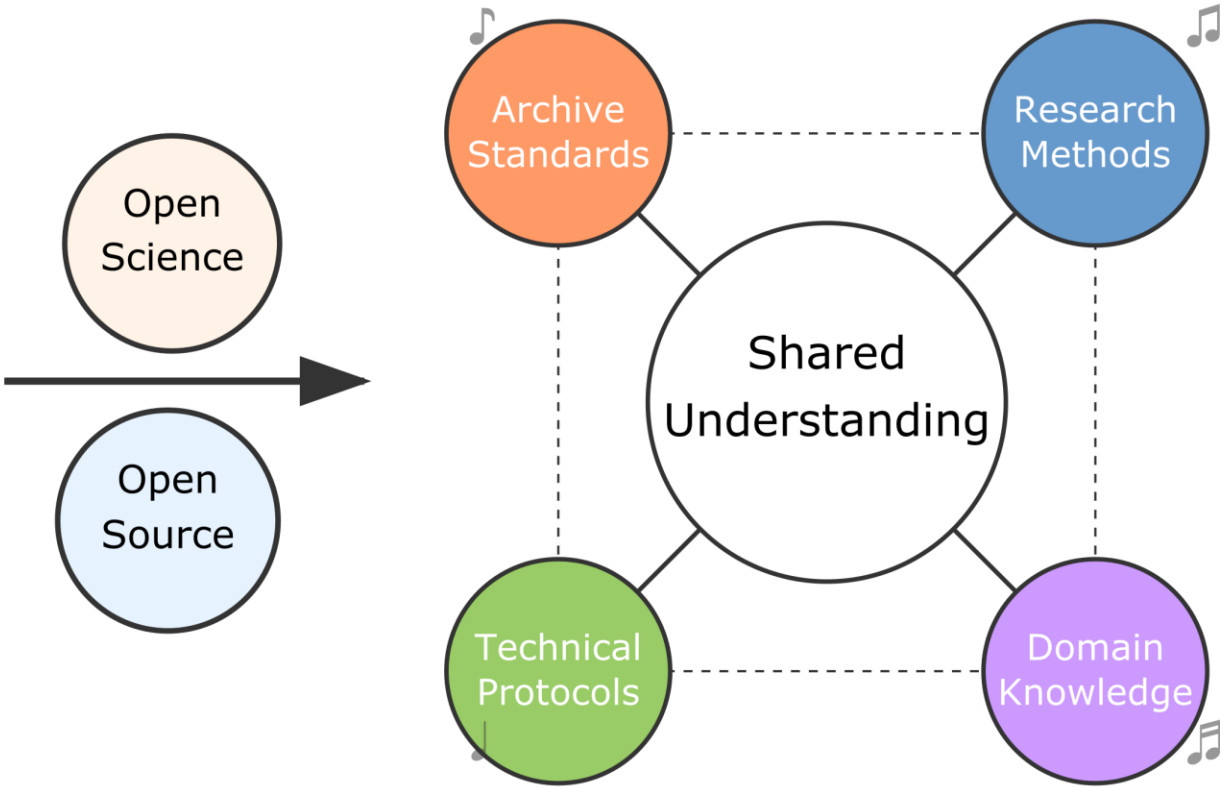


*When different languages become a shared conversation*

Before: Isolated Communication

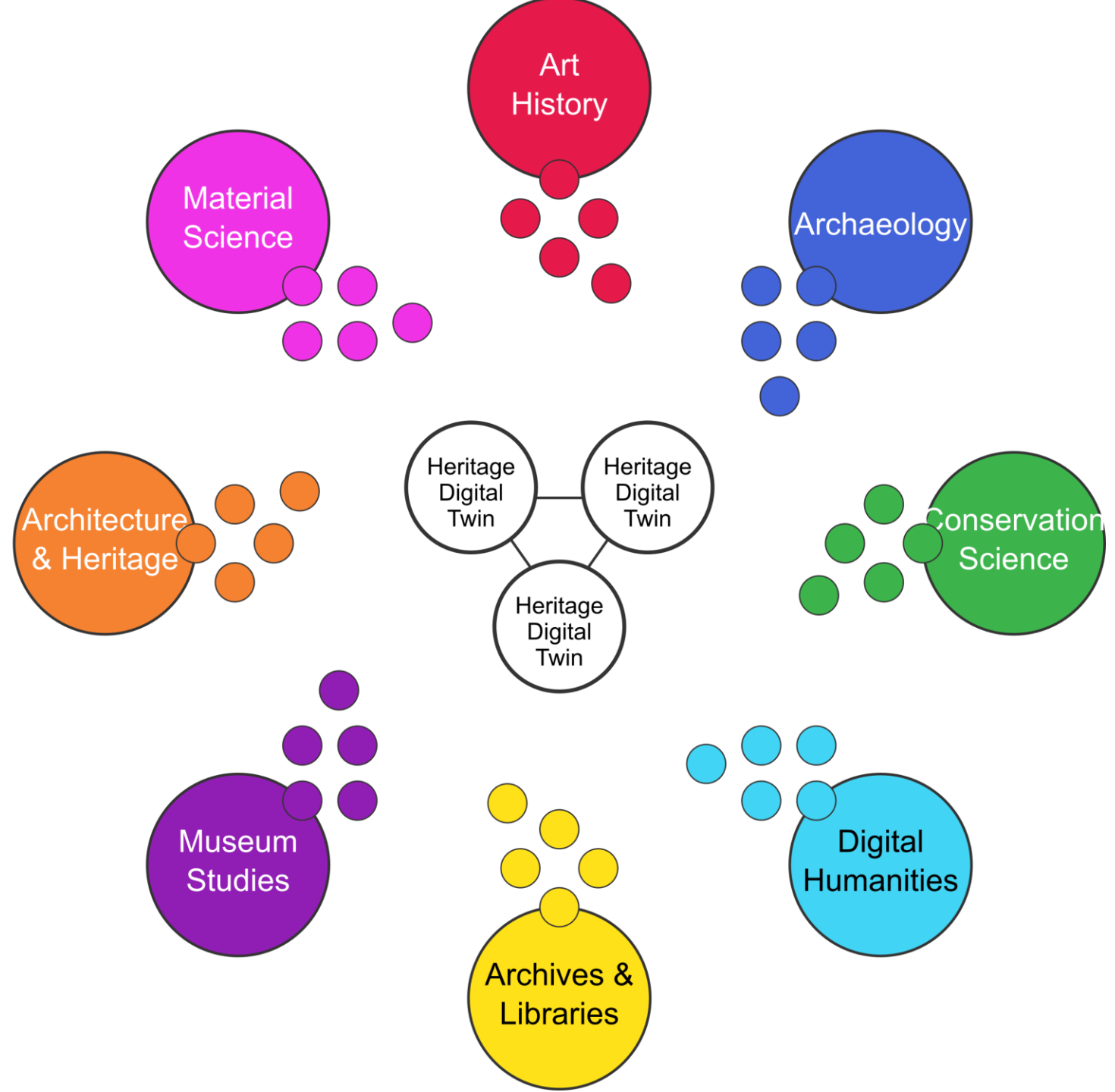


After: Harmonized Collaboration



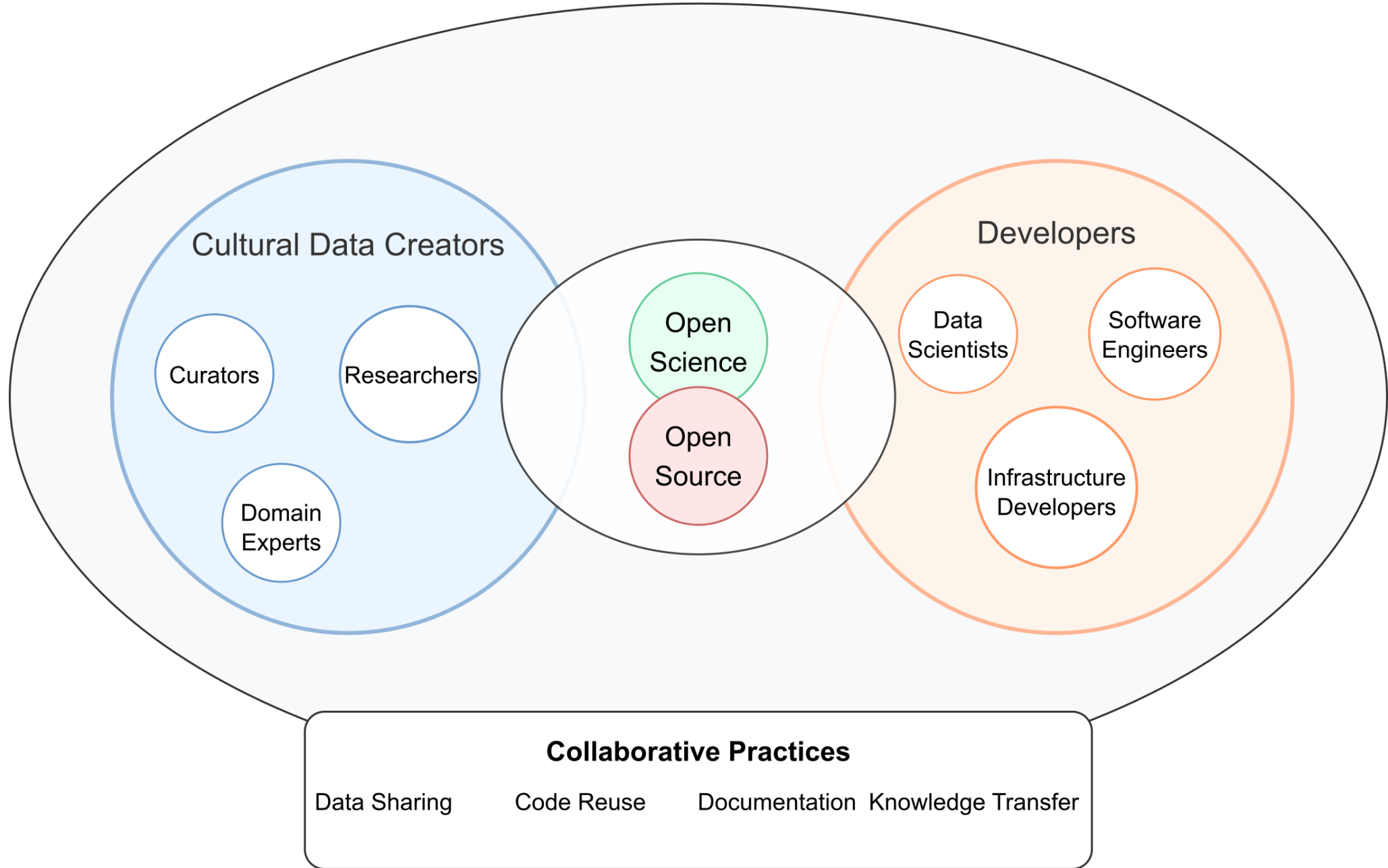
From Babel to Symphony: Breaking Language Barriers

# Scientific Knowledge Graphs Network



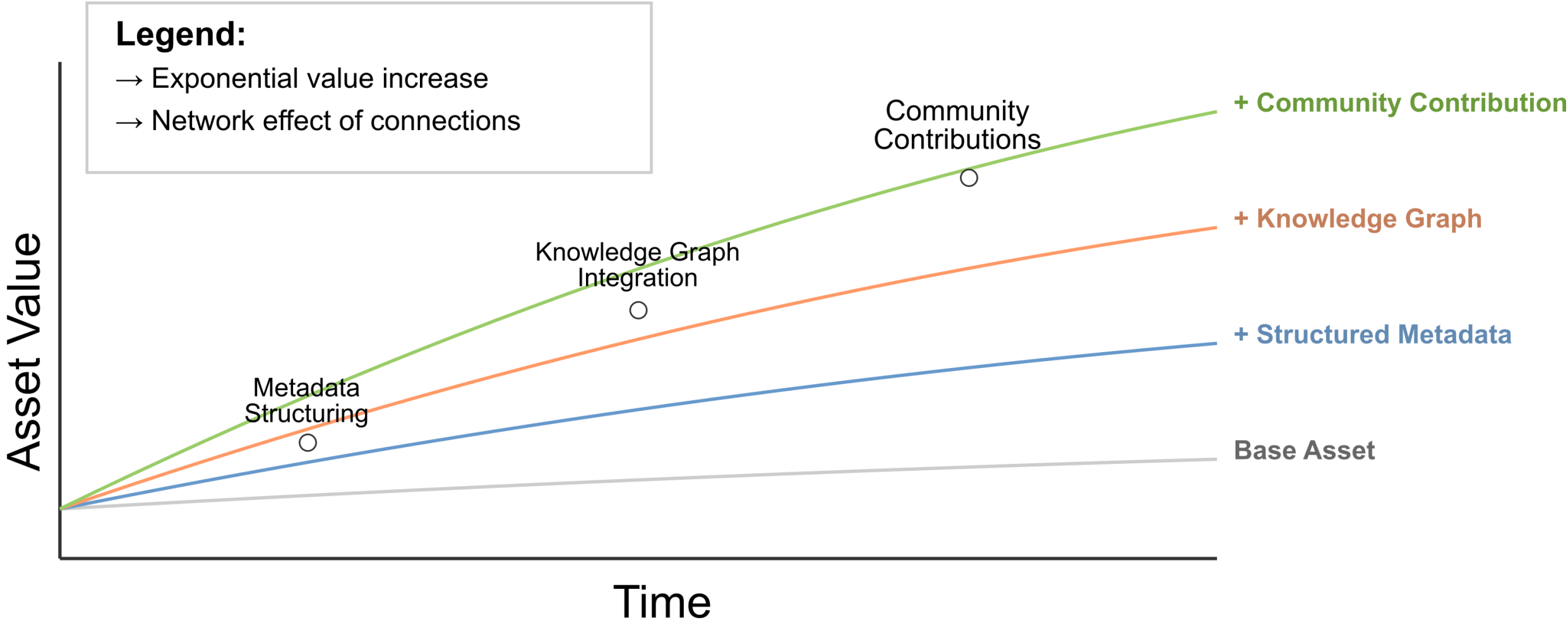
*Heritage Digital Twins: Where  
Knowledge Flows*

# Hybrid Communities: Shared Languages and Practices



*Every Contribution Multiplies Value !*

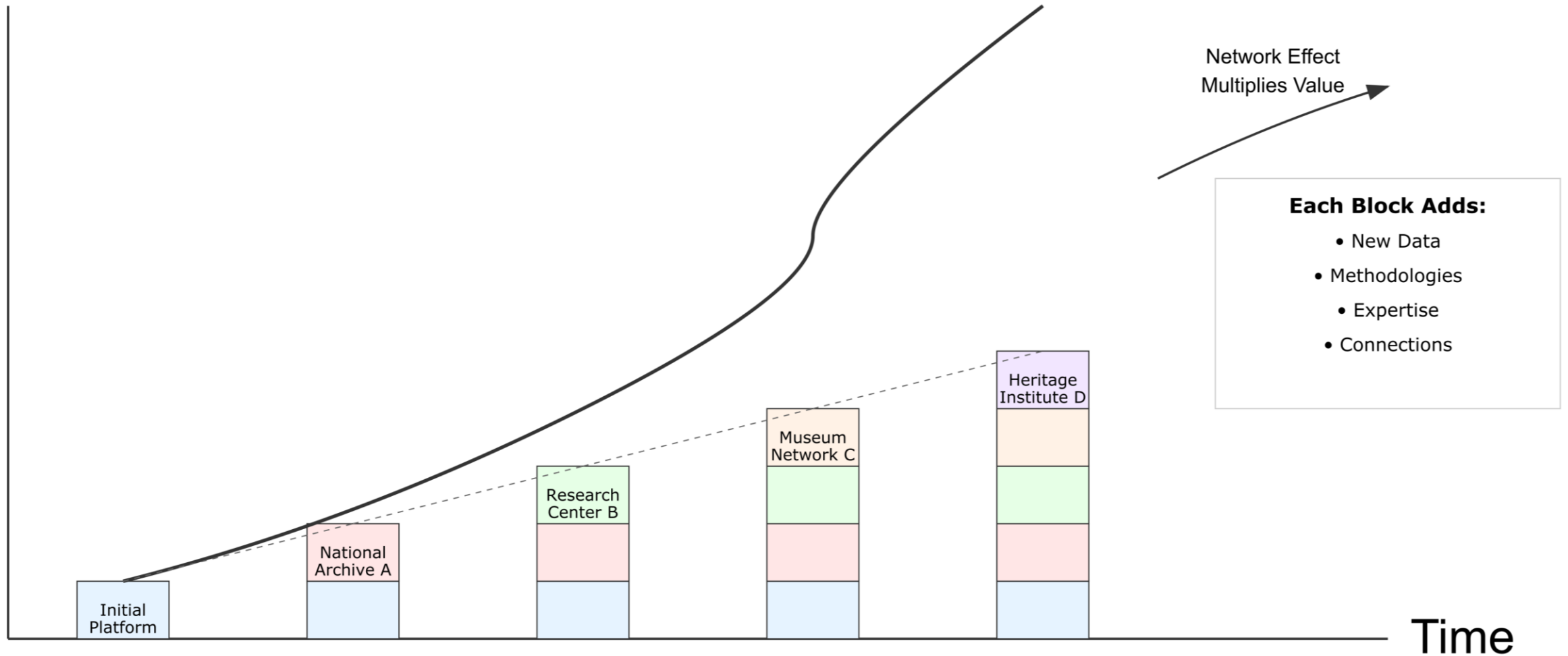
# Growing Asset Value Through Community Contributions



# *Your National Excellence: The Next Building Block*

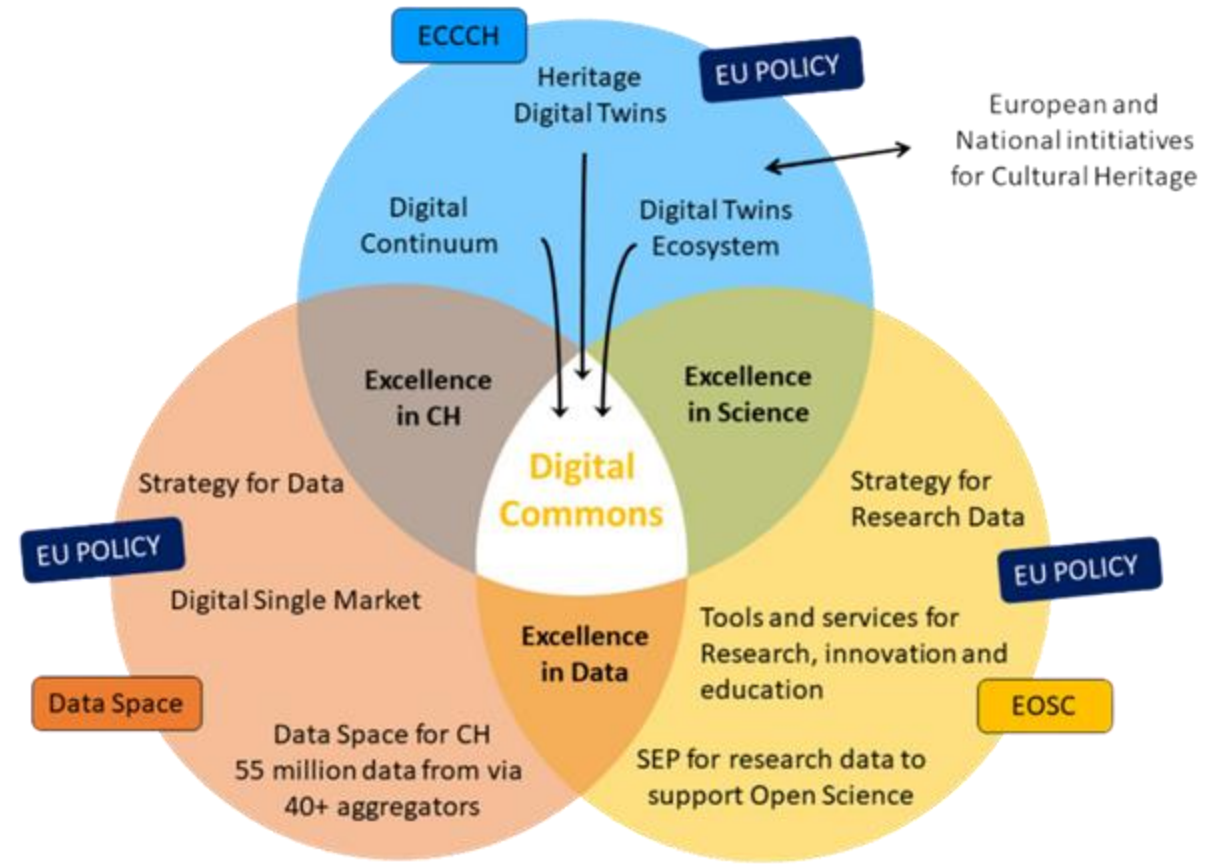
## **Growing Value Through National Contributions**

Value



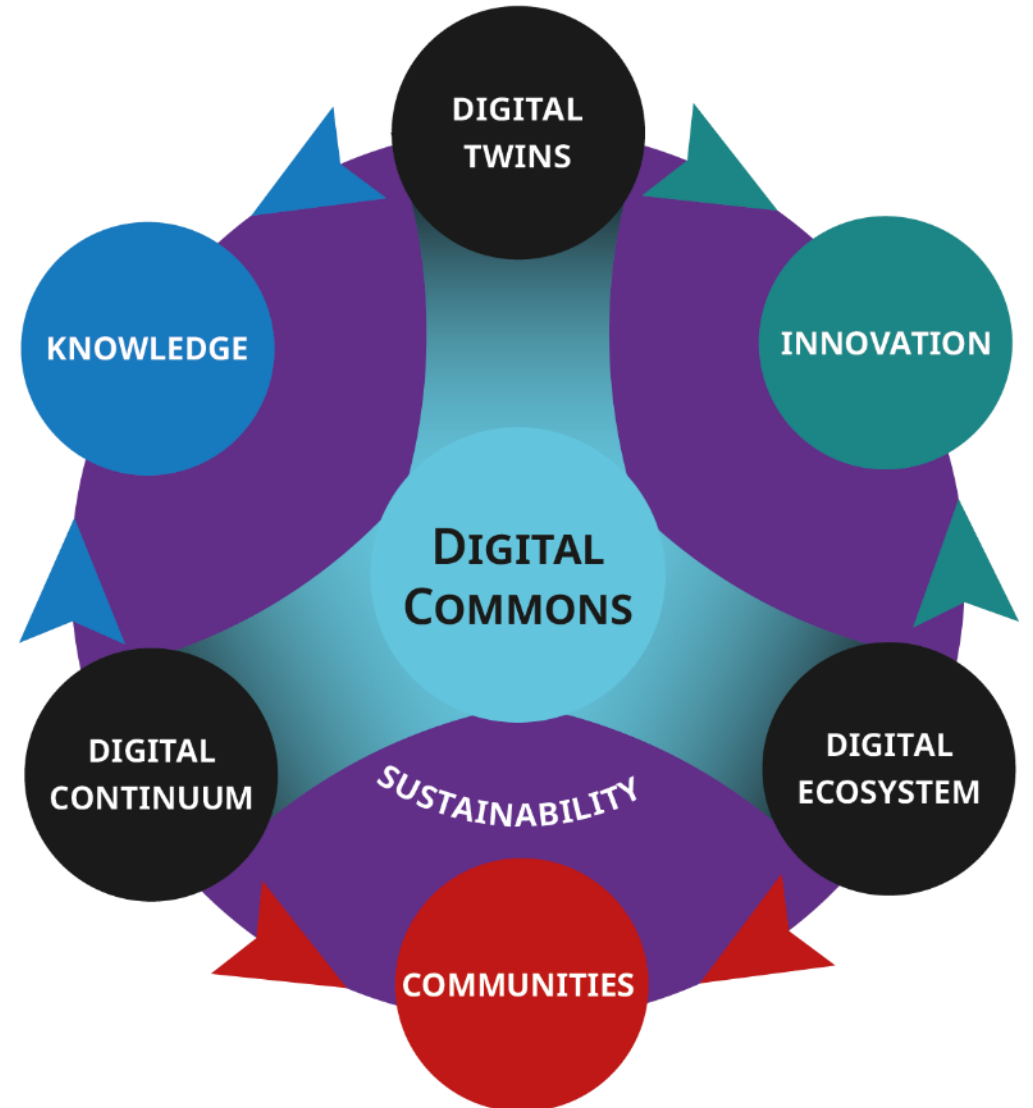
# The Digital Commons

- 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



## 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.



# 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)



# Thank you



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the European Union**

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