



## **9 ECPT Conference**

**The Eu Construction Industry at the heart of the Green and Digital Transitions**

# **Competence Centre on the Conservation of Cultural Heritage (4CH)**

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## Why a Competence Centre?

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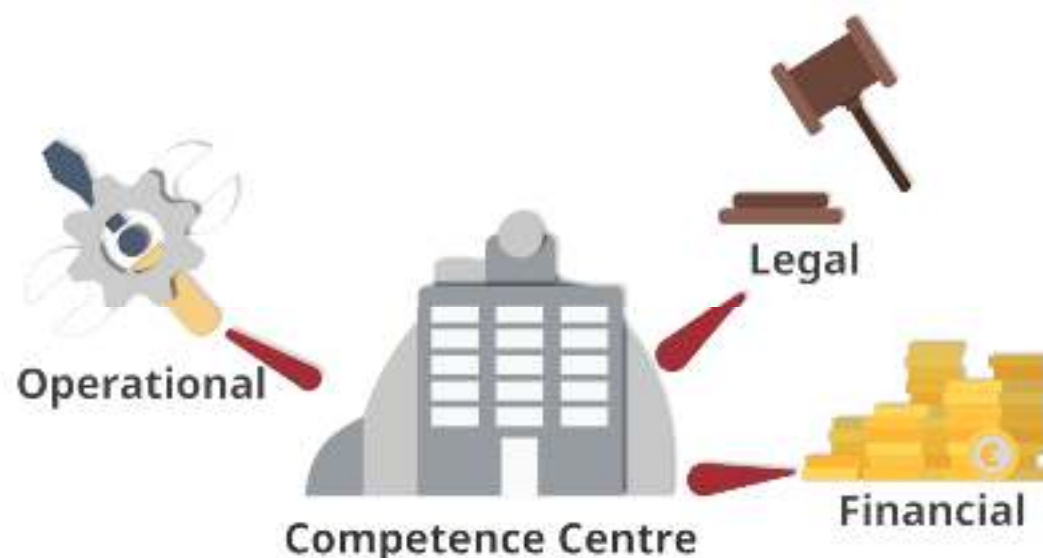
The idea is to set up an European Competence Centre for the conservation of cultural heritage, capable of *interconnecting* public and private institutions for the protection, enhancement and management of cultural heritage



To set up the methodological, procedural, and organizational framework of a Competence Center able to work with a network of:

- national
- **regional**
- **and local**

**Cultural Institutions**, providing them with advice, support, and services





## 4CH: target

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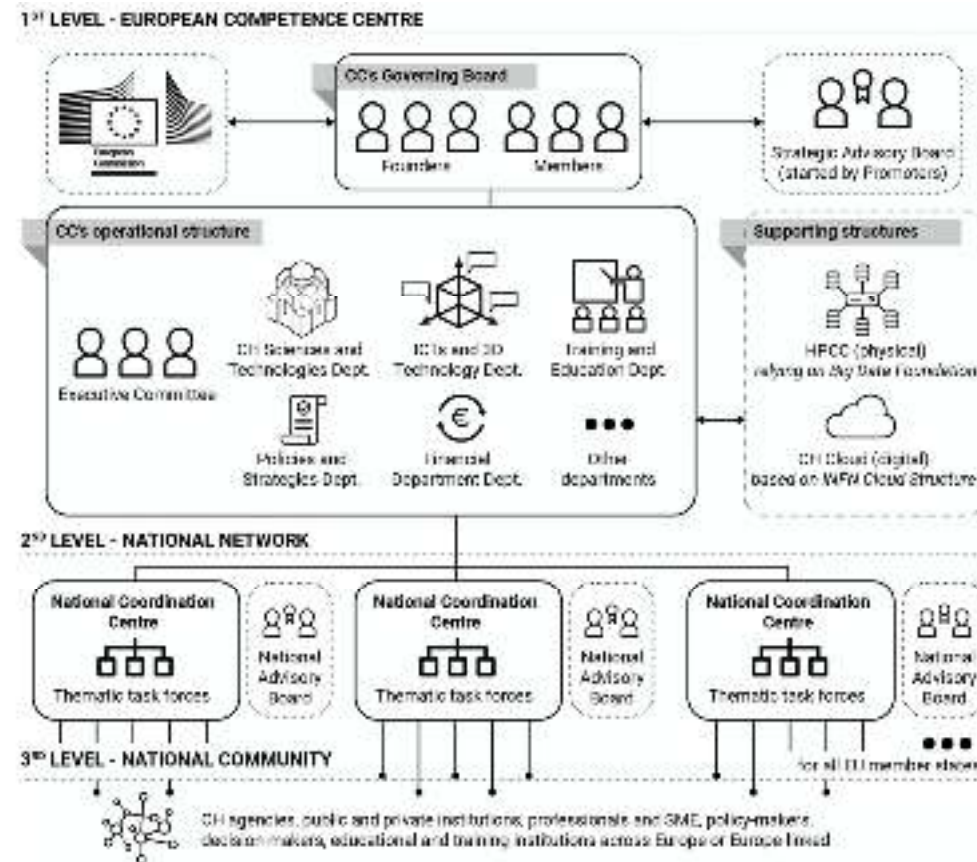


The **target community** includes:

- CH bodies, both public and private, responsible for managing European monuments, buildings and sites
- CH professionals and SMEs
- Professionals and companies from the Creative Industry
- Heritage agencies
- Other public bodies like ministries and decision-makers

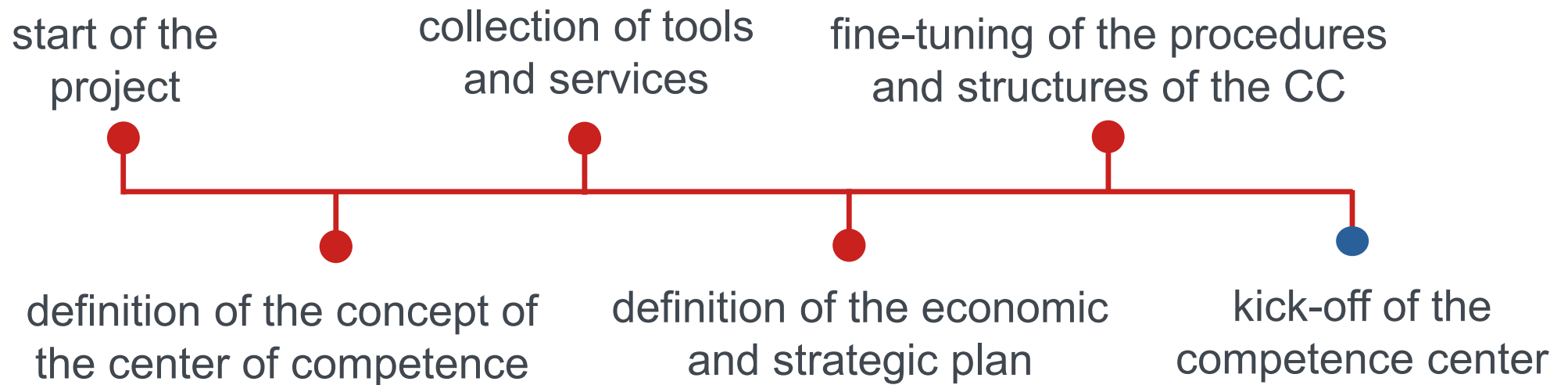
The competence center (CC) structure is made up of several tiers, since the CC will have to adapt to very different situations, according to how cultural heritage is managed, according to the risks that can affect its conservation, etc.

## 4CH: the structure



## 4CH: the steps

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The **consortium** is made up of institutions from the academic world, small and medium-sized enterprises and research centers, with complementary skills

The **advisory board** is made up of high-level experts



project ambassadors



gives advice to the project



contacts with society and the  
cultural community

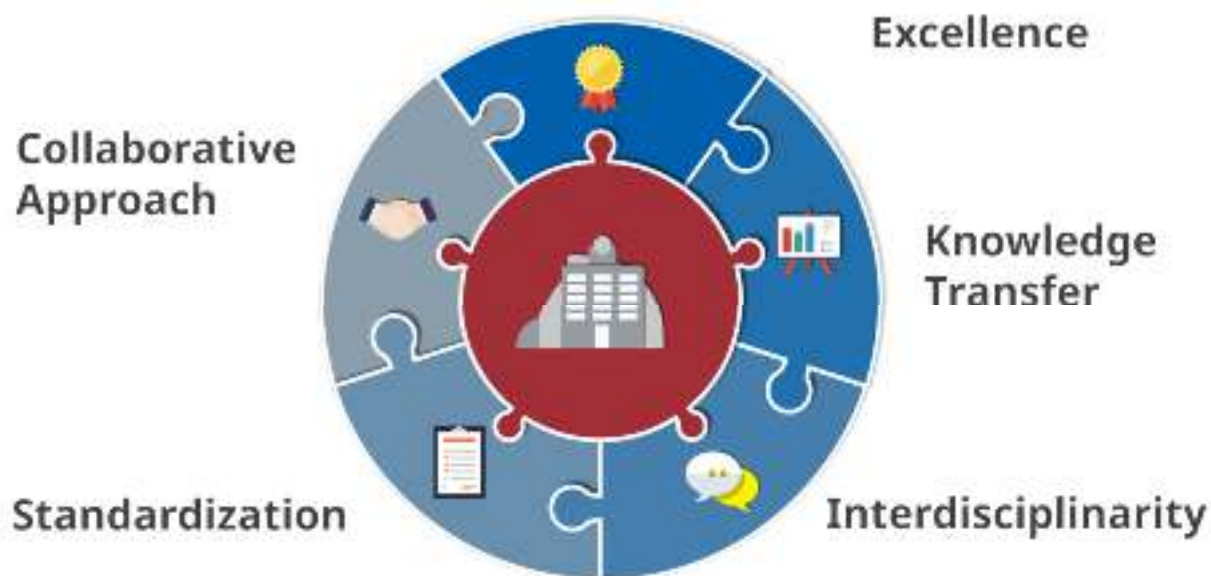


provides product feedback



The CC is an infrastructure made up of different institutions, and it is dedicated to the organization and sharing of knowledge

The CC will promote an holistic and multidisciplinary approach to the conservation of cultural heritage, and will facilitate coordination between institutions operating in the field of cultural heritage





## What 4CH will do?



## Why so many activities?

A **digital twin** is a virtual representation that serves as the real-time digital counterpart of a physical object or process. Digital twins are the result of continual improvement in the creation of product design and engineering activities..... (by Wikipedia)



Conservation



Preservation



Reconstruction



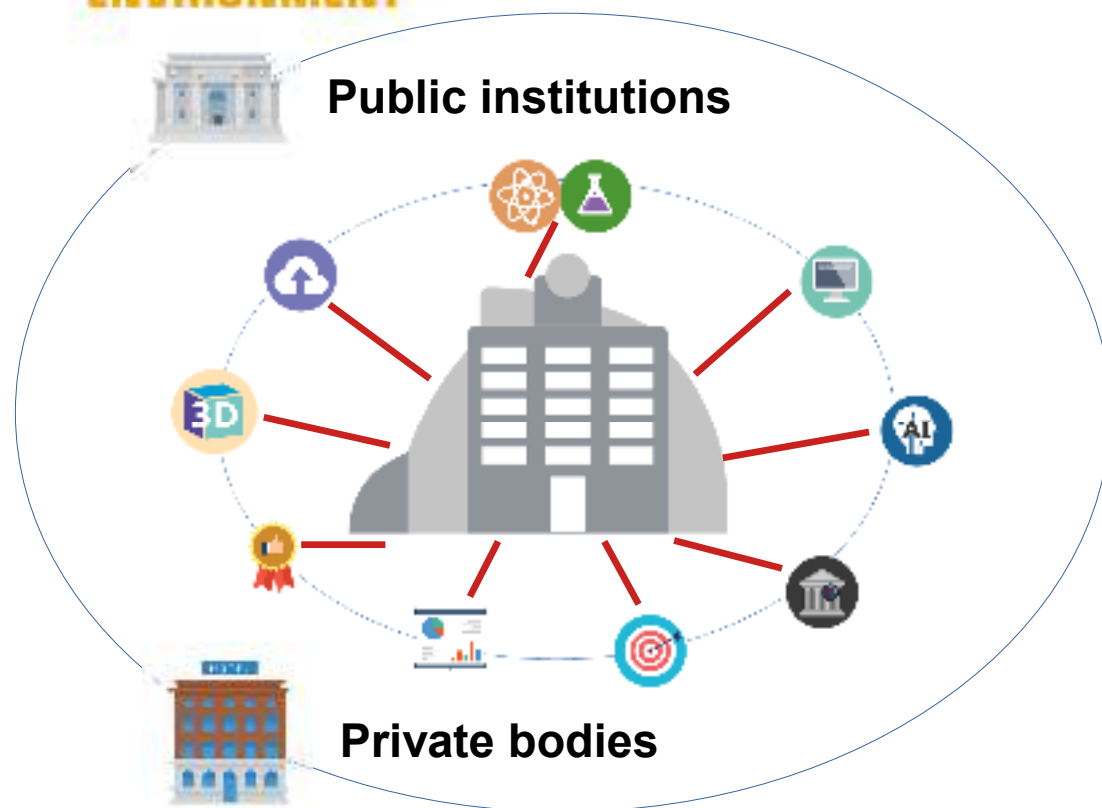
Tourist services



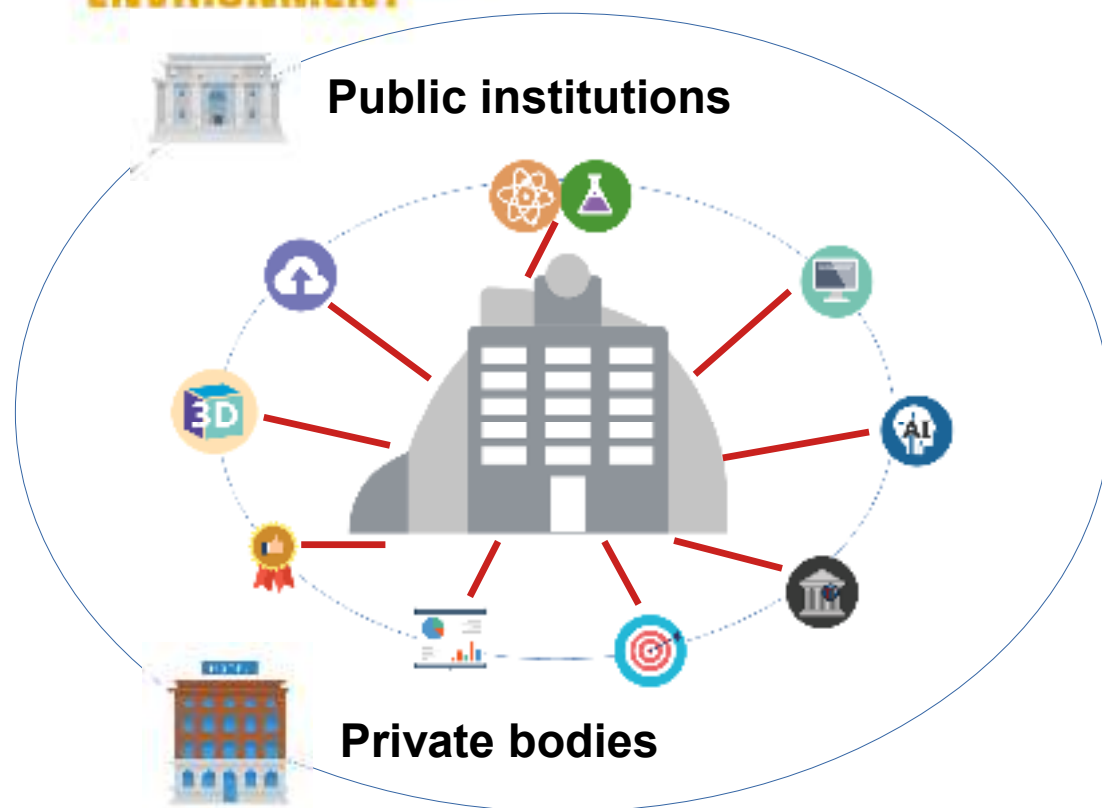
Gamification



Education & training



## Who can benefit from 4CH?



**SME**



**Tourist services**



**CH Professionals**



**Creative industry**

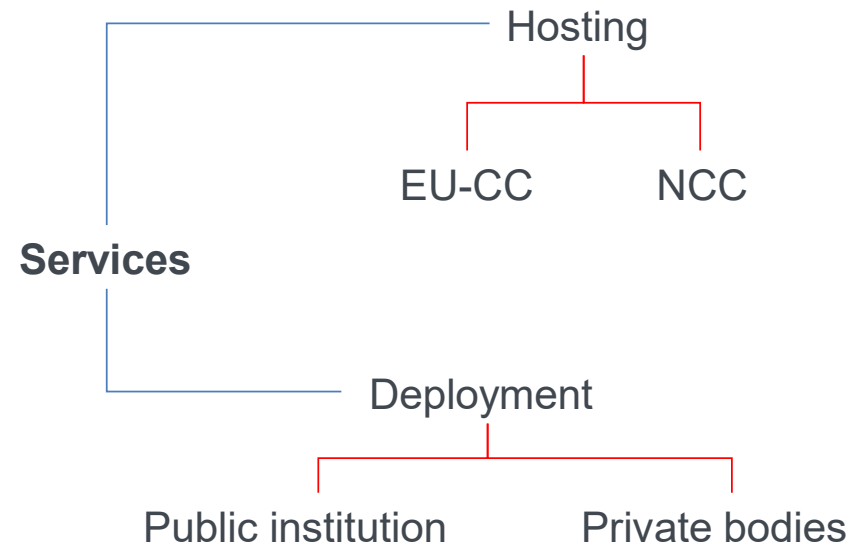


**Repositories**  
National?!?



**Access**

- different levels of access to the platform
- federated access?!?



## Readiness for hosting National Competence Centres (NCC)

- sustainability of the national centers
- involvement of CH bodies
- networking capabilities
- network granularity
- infrastructures (digital)



- The 4CH project is in progress
- Project partners are/will be in charge of finding the contacts for the implementation of national networks, taking special care of
  - sustainability
  - involvement of CH bodies
  - networking capabilities and granularities
  - infrastructures (digital)



<https://www.4ch-project.eu/>





Thank you!

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The views and opinions expressed in this presentation are the sole responsibility of the author and do not necessarily reflect the views of the European Commission

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