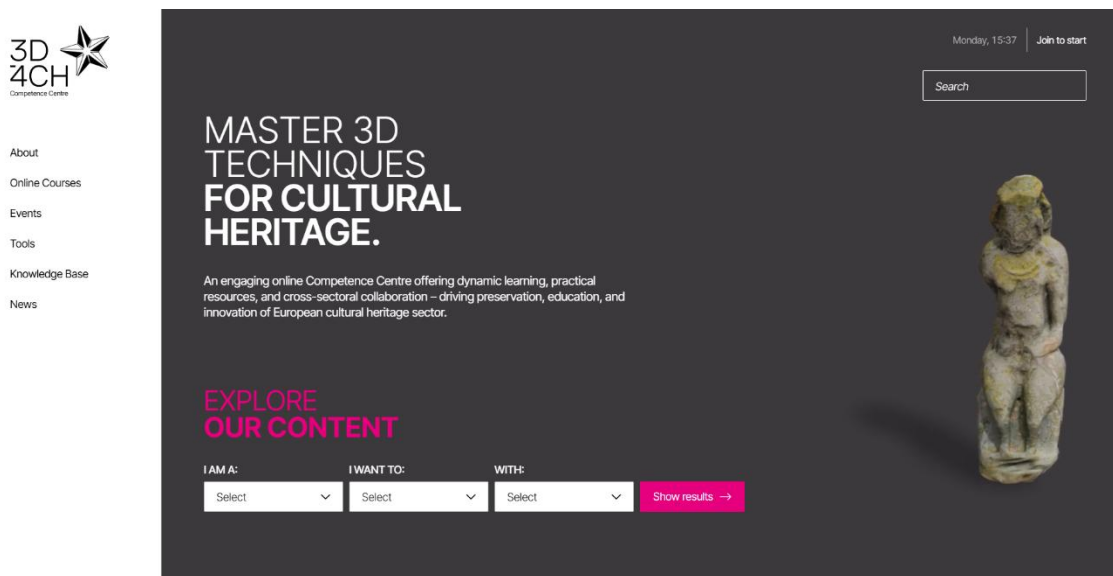


Insight Scoop: Join the Journey of the 3D-4CH Online Competence Centre

Welcome to your first look at the 3D-4CH Online Competence Centre platform!



The screenshot shows the 3D-4CH Online Competence Centre platform interface. On the left, there is a navigation menu with the 3D 4CH logo and links for About, Online Courses, Events, Tools, Knowledge Base, and News. The main content area features the title "MASTER 3D TECHNIQUES FOR CULTURAL HERITAGE." and a description: "An engaging online Competence Centre offering dynamic learning, practical resources, and cross-sectoral collaboration – driving preservation, education, and innovation of European cultural heritage sector." Below this is a search bar with the text "Search" and a "Join to start" button. A 3D model of a small, light-colored, standing figure is displayed on the right. At the bottom, there is a search filter section with three dropdown menus labeled "I AM A:", "I WANT TO:", and "WITH:", each with a "Select" option and a downward arrow. A "Show results →" button is located to the right of the dropdowns.

“Our 3D Online Competence Centre shows the first stable foundation of what we are building as Europe’s central hub for 3D cultural heritage. It is not a finished product, but a living starting point — a digital home currently under construction. We invite the community to join us and help shape it, brick by brick.”

- Marco Medici, M.Arch. Ph.D. (3D-4CH project coordinator); Chief Executive Officer at INCEPTION s.r.l.

Designing for Connection: Why We Built It This Way

We didn't just want to build another website; we wanted to bridge the fragmented world of 3D digitization. Every design choice was made to put the capacity building first:

- **Find Your Path Instantly:** We know heritage professionals are busy. Instead of a maze of data, our "User-Intent" navigation uses multi-layered filters like "*I am a...*" and "*I want to...*" to deliver the exact resources you need for your specific role.
- **Design for Everyone:** Accessibility isn't an afterthought. By committing to [WCAG 2.1 standards](#) and a high-contrast magenta palette, we've ensured that these powerful digital tools are usable by everyone in our community, regardless of how they navigate the web.
- **Power Without the Pause:** Handling massive 3D assets like point clouds is a major technical hurdle. We've implemented a cloud-native, modular architecture so you can interact with high-performance research data smoothly, without the lag.

This platform is built by a **diverse and interdisciplinary consortium** of research institutions, universities, SMEs, cultural heritage organisations, museums, and infrastructures from across Europe. Together, our partners bring complementary expertise spanning technology, heritage science, policy, innovation, and public engagement.

Consortium partners at the Kick-Off Meeting in Trento, Italy, 2025.



Overcoming the "Digital Gap"

One of our biggest challenges was ensuring that advanced technology isn't just for those with massive IT budgets. We've designed this platform to level the playing field, making AI-driven reconstruction and cloud-hosted assets accessible to institutions of all sizes.

Spot the Essentials: Your 3D Toolkit in Action

As you explore the interface in the video, look out for the three engines driving this platform:

- **The Training Hub:** Level up your expertise with interactive courses and earn professional certifications that matter in the field.
- **The Knowledge Base:** Our collective "brain." This is a curated repository of standards where you can find, and directly contribute, your own expertise and best practices.
- **The Tools Library:** Your gateway to the future, providing direct access to cutting-edge AI and XR reconstruction methods.

A Call to the Community: Help Us Shape the Future of 3D Cultural Heritage

This platform cannot grow in a vacuum. To bridge the gap between advanced research and daily heritage practice, we need your voice.

We invite you to not only use the platform but to help build it. By sharing your expertise and standards in the Knowledge Base, you help us transform this foundation into a collaborative ecosystem that reflects the real-world needs of our cultural heritage communities.

Dive deeper: Want to see the full reasoning behind our design? Read more [here](#)

Ready to start?

Join the community and explore the first version at

3D-4CH Winter School in Brussels

Last week, 3D-4CH brought its mission offline with an **in-person Winter School in Brussels**, bringing together cultural heritage professionals from across Europe for hands-on training in 3D digitisation, storytelling, and data workflows. Participants worked directly with tools, datasets, and experts — turning theory into practice and building skills that matter on the ground.



This is just the beginning: Stay tuned for further insights, highlights, and what's next!