D7.4 Final Communication and Dissemination Report

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Colophon

4CH Competence Centre for the Conservation of Cultural Heritage

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List of acronyms and abbreviations

ACA: Association of Cypriot Archaeologists

SAB: Scientific Advisory Board

CC: Competence Centre

CAA: Computer Applications in Archaeology

CH: Cultural Heritage

EAA: European Association of Archaeologists

GDPR: General Data Protection Regulation

GLAMs: Galleries, Libraries and Museums

NGOs: non-governmental organization

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Executive summary

This report describes the strategy adopted and results from the dissemination and communication activities for the 4CH Project for the final period of the project, months 19-36.

The objectives of the Communication and Dissemination Plan is to inform all the identified stakeholders about the project, its progress with these objectives and the outcomes and to encourage participation and exploitation by its target user community.

The key stakeholders are identified to be:
- Internal stakeholders, i.e. members of the consortium;
- National and regional CH institutions, many of who will be involved in setting up CCs;
- CH institutions such as local museums, libraries and galleries (GLAMs);
- Commercial organisations such as private companies involved in archaeology, CH and consultancy;
- International heritage organisations and networks;
- Researchers and scholars;
- Semi-professional and amateur organisations and groups;
- The media and public at large.

All project partners are responsible for contributing to communication and dissemination activities including the identification of events, distribution of dissemination materials and contributions to the project website as well as dissemination through their own channels. Informing the identified stakeholder communities is achieved via the project's internal channels (i.e. Basecamp), via newsletters and through social networks. The main channels identified are Twitter with Vimeo being used for videos. In the period between M19 and M36, over 150 tweets (including retweets) were produced that have been seen by a steadily increasing group of over 500 followers. Vimeo was activated in May 2021 and since then, seventeen videos have been uploaded. These included the section dedicated to the general presentation video, the video interviews, the presentation videos dedicated to the initiative SUM and the recording of workshops and events organised by the project or by partners. To date, there have been more than 2,100 views (a view identifies a session in which the video starts playing) and almost 40,000 impressions.

Zenodo is used as a permanent repository for the project outputs and replaced SlideShare (since May 2022) for presentations. Zenodo is also a better platform for reaching academics and researchers, these being the key audience for the repository and the number of document views and downloads has been more than double the number aimed for.

The 4CH website is a key channel for communicating information to a more general audience, including citizens. A wide selection of content such as case studies, videos, interviews has been made available in addition to the usual news stories and event notifications. Task 7.4 has produced several videos consisting of interviews with the project partners and local stakeholders which are aimed at starting the discussion between experts about their possible contributions to the establishment of a future Competence Centre and are published in the "Interviews" section of the website.

A project leaflet was created during Period 1, initially as a digital version downloadable from the website and translated into several languages. This has proved to be very successful with over 2,600 downloads. Five more editions of the Newsletter have been published, and the subscriber numbers continue to grow steadily.

During the second reporting period (M19-M36), the 4CH project organised a series of events aimed at raising public awareness of the project and introducing the Competence Centre to key stakeholder groups, i.e. professionals from the cultural sector, researchers and policy makers. These were:

- **Cultural Institutions Workshop** *Milan, 15/9/2022*
- **4CH: perspectives and the strategies for the Italian Competence Centre Cultural Institutions and Competence Centre: the 4CH project collects best practices** (meeting and Workshop), *Florence, 30/9/2022 and 01/10/2023*
- **4CH | Competence Centre for the Conservation of Cultural Heritage,** *Ferrara, 29/3/2023*
- **Shaping the World of 3D Workshop,** *The Hague, 29/6/2023*
- **Creating and Sharing 3D in the Common European Dataspace Workshop,** EuropeanaTech 2023 Conference, *The Hague*, *10/10/2023*
- **Dialogo sulla tutela del patrimonio. Esperienze e conoscenze per la creazione di un centro di competenza nazionale: il progetto 4CH,** *Rome, 19/10/2023*
- **4CH final meeting,** *Brussels, 28-29 November 2023*

In addition, the partners have published over 30 items on their websites, made over 40 mentions of the projects in their newsletters and contributed 145 social media posts. Twenty three papers have been written, most will be published in the upcoming months and partners have participated in 73 events reaching an estimated audience of around 4,500 people.

Overall, the Monitoring and Assessment targets have been achieved (Twitter has removed some of its statistics), **and well exceeded in most cases**. The dissemination and communication of the 4CH Project and its objectives to set up a number of Competence Centres has been successful and lain the foundations for the establishment of such a network.

1 Introduction and objectives

1.1   Objectives

The project objectives are to:
- Establish the methodological framework for the Competence Centre focusing on advanced digitisation for preservation and conservation of Monuments and Sites;
- Design and implement a Platform for the Competence Centre to support the collaboration among European CH Institutions;
- Increase and enhance the digitisation of Cultural Heritage to support conservation;
- Develop best practices to make full use of CH data for the benefit of the Cultural Heritage sector and in other domains;
- Define the operational, financial and legal conditions for the creation of the Competence Centre for its future sustainability.

The objectives of the Communication and Dissemination Plan is to inform all the identified stakeholders about the project, its progress with these objectives and the outcomes and to encourage participation and exploitation by its target user community. The Plan, led by ICCU with the support of INFN, PIN, INCEPTION and MICHAEL in sub- task 7.1, defines and monitors the activities, helps select the materials produced and also the target groups so that all identified stakeholders are reached. More specifically, PIN and its third-party PRISMA are responsible for the web presence and communication activities, e.g. social media and newsletter (sub-tasks 7.2 and 7.3), and CYI for the dissemination and exploitation activities (sub-task 7.4).

The website (https://www.4ch-project.eu) was fully functional from the beginning, featuring content that explained the objectives and approach of the 4CH Project, along with various news items and event notifications. . To provide the context, this report starts with a brief recap of the stakeholders and the communication channels by which they can be reached.

Over the course of the 36 months of the project, partners have presented papers at conferences and seminars, published articles and contributed to new content on the website, enabling dissemination and communication to specific stakeholders as well as a wider audience. This document reviews the planned activities for months 19-36 (Period 2) to achieve the project objectives, assesses the success of these activities using the defined indicators as well as analytic measures and metrics provided for the website, Vimeo, Twitter and Zenodo.

2 The stakeholder community

At the start of the project, the project stakeholders were identified in order to ensure that the communication and dissemination activities reached each and every one of them, using the appropriate channels and language.

The target user community for 4CH includes:
- CH institutions and other bodies, both public and private, responsible for managing European monuments, buildings and sites, preserving them from damage and making them accessible for public enjoyment;
- CH professionals and SMEs providing services for preservation, conservation and restoration, including large-scale and high-quality heritage digitization, and exploiting data to plan and manage interventions;
- Heritage agencies, public bodies such as ministries and decision-makers (insurance companies, large owners, etc.) who inform policies and strategies for conservation, preservation and digitization;
- Professionals and companies from the Creative Industry and Hospitality sectors which re-use data to produce heritage-based content, apps, games, education and tourist services.

The first three categories of end-users are actively engaged with 4CH, collaborating closely with professionals and companies in the Creative Industry and Hospitality sectors. Nevertheless, it is essential to communicate with a broader audience, encompassing other relevant users like researchers and educators, along with the media and the general public. They all need to be informed about the benefits of projects such as 4CH and the value of cultural heritage to society as a whole.

As a result, end-users are the primary focus of both communication and dissemination activities, tailored to their specific needs. Moreover, stakeholders with less direct involvement necessitate communication adapted to their requirements. Additionally, dissemination efforts are essential for citizens who engage in Cultural Heritage through volunteering, personal interests like archaeology or photography, employment in related industries, and as taxpayers. This ensures their understanding and appreciation of the importance of protection, valorisation, and initiatives such as 4CH."

In summary, the following are the subject of dissemination and communication:
- 4CH developments and activities;
- innovation and the development of tools and methodologies;
- best practices, guidelines and training opportunities;
- conferences and other events;
- advancement in research.

2.1 An overview of the stakeholders

2.1.1 Internal stakeholders

The 4CH consortium represents many of the different categories of stakeholders directly involved in the conservation and preservation of CH and each has their own network of contacts and/or communication channels. It is important to disseminate to managers and decision makers within each of the partner organisations, as well as researchers, scholars and students to raise awareness of the project's activities and for disseminating news about 4CH to their contacts and networks.

Internal stakeholders directly involved in 4CH can be reached during internal meetings and by sharing news on Basecamp, the website, the project newsletter and via Twitter. In turn, they disseminate through presentations of the project activities at conferences, seminars and workshops, by distributing dissemination materials and through their own communication channels, e.g. social media, blogs, newsletters etc.

2.1.2 External stakeholders

- National and regional Cultural Heritage institutions - the management of CH in Europe varies in structure from country to country and, in addition, there are also several NGOs and private institutions who are highly regarded as being centres of expertise. It is important to identify the key players in each country (some of which are already partners) as these are important to 4CH, both for dissemination through their organisations and for the knowledge that they can bring to the network.
- Cultural Heritage institutions such as local museums, libraries and galleries (GLAMs) - This group of stakeholders are an important part of the overall cultural heritage landscape and a key focus for 4CH as they are directly involved in preservation and conservation of mainly artefacts (some museums may also be responsible for buildings and immovable objects). The primary communication channels for these types of organisations is through national networks, many of which are affiliated with European and international networks such as NEMO, the Network of European Museum Organisations.
- Commercial organisations such as private companies involved in archaeology, cultural heritage and consultancy - numerous organisations in the cultural heritage (CH) sector offer services to public institutions. These services encompass a wide range, including archaeological surveys, 3D modelling, organisation of exhibitions and displays, production of equipment and services utilised by researchers and CH practitioners, as well as contributions to the tourism industry. Many of these organisations are engaged in

data production and need to stay current with the latest developments and best practices, while others may serve as data users

- International heritage organisations and networks e.g. UNESCO, ICOMOS, ICCROM and Europeana which have both an interest in 4CH and communication channels for reaching the project's target audience.

- CH researchers and scholars with an interest in preservation and conservation may work in academia or one of the previously mentioned institutions. They share the same interests as the internal stakeholders and may be reached via academic journals and papers, conferences and organised events as well as engaging in social media.

- Semi-professional and amateur organisations and groups. There are many non-professionals who contribute to the cultural heritage sector. These include local history societies which document and oversee local heritage and volunteers who work for museums and heritage institutions in a variety of roles from guides to crafts people. There are many people who belong to semi-professional and amateur archaeological societies, often run and/or supported by qualified archaeologists and historians, who have a deep interest in the subject and donate their time to helping out with tasks such as cataloguing, as well as being highly engaged and knowledgeable visitors to tourist sites and museums. These are also the type of people who will be actively involved in "Citizen Science" and are interested in conservation and preservation as part of their grass roots involvement in this sector. Included are 3D enthusiasts who enjoy using the technology and apply this to creating models and recording sites, often sharing their creations via websites and platforms such as Sketchfab.

- The media and the public at large – these are not direct stakeholders of 4CH but ultimately benefit from its activities through the curation and provision of cultural heritage via museums and galleries, historical sites and tourism.

2.2   The resources available

4CH has a wide range of skills and experiences available within the project consortium and has extensive connections with other projects, networks and associations. All project partners are responsible for contributing to dissemination activities including the identification of events, distribution of dissemination materials and contributions to the project website.

4CH has identified a number of international projects, networks and research infrastructures which are active in the preservation and conservation of cultural heritage. These organisations represent external networks with resources in place to disseminate news and information to their stakeholders.

The strategy for 4CH will involve exchanging news about project activities and actively seeking opportunities for collaboration. The initiatives which have been identified include:

- Europeana[1] (stakeholder community: cultural heritage);
- E-RIHS[2] (stakeholder community: researchers in heritage science and preservation);
- NEMO[3] (stakeholder community: museums).
- UNESCO[4] (stakeholder community: all organisations involved in preservation and conservation of World Heritage Sites);
- ICOMOS[5] (stakeholder community: all organisations involved in preservation and conservation of CH);
- ICCROM[6] (stakeholder community: same as 4CH).

The 4CH social networking team (PIN and PRISMA) follows the international projects, initiatives and research infrastructures identified as being of interest via their websites, Twitter feeds and other social network channels.

In addition, several 4CH partners are also members of groups and associations active within the field such as the European Association of Archaeologists (EAA) and the Association of Cypriot Archaeologists (ACA) where 4CH may be able to disseminate of news and information about project activities.

Finally, community building is fostered through the activities of WP7 supported by all the partners. In particular, INFN, PIN and INCEPTION are focussing on identifying and liaising with organisations who wish to establish national competence centres as part of the 4CH network; the CARARE Association will help with raising awareness in central and south eastern Europe as they have several members from this target region; the CARARE Association and MICHAEL will also support activities targeted at heritage agencies, museum curators, heritage managers, professionals or SMEs working on excavations, often known as commercial, contract or preventative archaeology, to establish the ways in which 4CH may support them;

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[1] http://www.europeana.eu

[2] http://www.e-rihs.eu/

[3] https://www.ne-mo.org/

[4] https://en.unesco.org/

[5] https://www.icomos.org/en

[6] https://www.iccrom.org/

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3 Informing the stakeholder community: progress for months 19-36

This section presents the various communication channels and disseminations activities used to promote 4CH activities over the last year, along with usage figures. These consist of the activities undertaken by the Dissemination Team, i.e. the 4CH website, Twitter and the 4CH Newsletter and those performed by the partners through channels such as their own newsletters, social media and through publication of research papers and presentations at conferences and other types of events.

3.1 Internal communication channels

The internal communication channel used by the project is Basecamp. This is being successfully used to communicate to all partners and their sub-groups on a daily basis.

3.2 X (Twitter)

At the end of the project the associated X (Twitter) account @4chProject had about 510 followers. The account was set up in month one and has been used to report on the project's activities and alert followers to new content on the website (Figure 1). During Period 2, there were over 150 tweets (including retweets), i.e. averaging 8 per month.

Figure 1: The 4CH X (Twitter) account

The period between M30 and M36 saw important changes for the social network, in fact in July 2023 began the rebranding of Twitter as "X". The social media platform is now identified by the "X" logo on mobile apps, following an earlier change to its website and Twitter accounts. Some features available on Twitter have changed during the rebranding but the project profile remained central to our social media strategy and achieved the main targets before reaching M36.

One of the major changes due to the rebranding concerns the social channel native analytics tool, that was used to export information such as the number of Tweets and profile visits and number of followers. From July 2023, some statistical indicators (such as the profile visits) have been removed

from the native analytics and for this reason we will provide a more global statistical analysis for the period M19-M36, focused on indicators such as the number of posts and the number of followers.
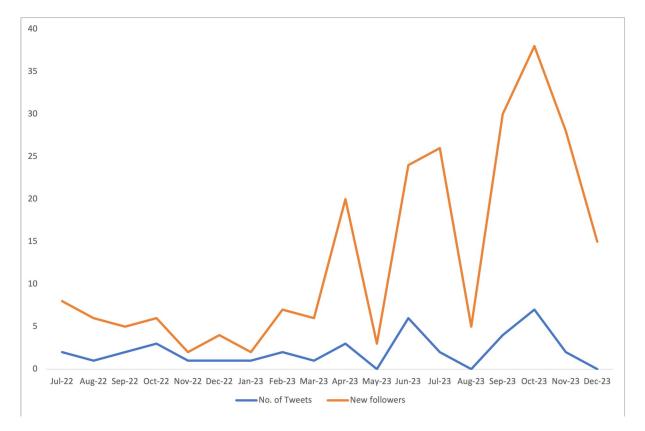

Figure 2. X posts and new followers

In the period M19-M36 the number of tweets was constant over the months (Figure 2), with the exception of some periods that reflected the lack of physical or online events, such as during the summer months, but overall the results were positive, with peaks linked to the dates of some of the main project event - such as the workshop 'Shaping the world of 3D' in June 2023 or the Conference "Dialogue on heritage preservation. Experiences and knowledge for the creation of a national Competence Centre: the 4CH project" in October 2023 - and the publication of 4CH interviews - such as the interview to Isabelle Pallot Frossard in September 2023 or the one to Antigoni Michael in October 2023.

3.3   SlideShare

A SlideShare account was established for the 4CH project for sharing project presentations, but due to a change of ownership and subsequent commercialisation, SlideShare is no longer an attractive dissemination channel due to the subscription requirements. However, Zenodo provides the same

service (if not better) and given the more focussed nature of its end users, is also a more accurate reflection of interest by the targeted main stakeholders.

3.4   Vimeo

The Vimeo channel (vimeo.com/4chproject), was activated in the second half of May 2021. In the period M19-M36, eight videos have been uploaded, seven interviews and a video dedicated to a 4CH Pilot Case (The UNESCO site of Ayios Ioannis Lampadistis Monastery in Cyprus).

From the user statistics overview provided by the Vimeo dashboard the channel had more than 1,300 views (a view identifies a session in which the video starts playing) and almost 40,000 impressions (Figure 3).

Name		Views ↓	Impressions ⇕
☐ **Report Total**		**1,348**	**39,934**
☑	4CH - What are the aims of the proj… Jul 28, 2021	233	6,828
☑	4CH Interviews – Sorin Hermon in c… Apr 21, 2023	159	795
☑	SUM - Save the Ukraine Monument… May 2, 2022	117	15,793
☑	4CH - Why a European Competenc… Sep 3, 2021	69	1,641
☑	SUM - Save the Ukraine Monument… Apr 19, 2022	69	2,674

Figure 3. Vimeo 4CH Video statistics

The most viewed videos are:
-    4CH - What are the aims of the project? - What is a Competence Centre?
-    4CH Interviews - Sorin Hermon in conversation with Antigoni Michael
-    SUM - Save the Ukraine Monument Interview with 4CH. English version
-    4CH - Why a European Competence Centre for Cultural Heritage?
-    SUM - Save the Ukraine Monument Interview with 4CH. Italian version

"4CH - What are the aims of the project?" remains in first place as in the previous period (M1-M17), while "4CH - Why a European Competence Centre for Cultural Heritage?" goes from second to fourth

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place. "SUM – Save the Ukraine Monument Interview with 4CH" ranks second with the English version and fifth place with the Italian version. "4CH Interviews – Sorin Hermon in conversation with Antigoni Michael" ranks second. This confirms the interest of users not only for the project and its objectives, but also for the initiatives and resources made available.

3.5 Scientific repository: Zenodo

Zenodo is the EU repository for research (which also allocates DOIs) to which deliverables, papers and articles as well as presentations are uploaded. 4CH switched to Zenodo in May 2022 as a repository for presentations and reports. The figures for the first short period are shown in brackets where these apply, the larger figure covers M17-M36.

Title	Date made available	Views	Downloads
4CH Competence Centre for the Conservation of Cultural Heritage	11/05/2022	100 [18]	61 [10]
The 4CH Project	11/05/2022	147 [15]	93 [12]
Implementing the 4CH Vision (V1.0)	03/03/2021	54 [39]	86 [39]
Implementing the 4CH Vision (V2.0)	11/05/2022	121 [24]	62 [15]
Digitizing Cultural Heritage – A Reconnaissance Investigation on the Data Infrastructure	19/03/2022	83	59
Advancing the digitization of European cultural heritage	19/03/2022	94	67
4CH project _ Deliverable 1.1 Initial survey of the experiences and technology state of the art Appendices	06/04/2022	88 [65]	66 [18]
Digitising and Analysing Cultural Heritage. 3D Documentation of Archaeological Assets	15/04/2022	112 [35]	102 [25]
D3.1 Design of the CH Cloud and 4CH platform	06/03/2023	141	150
Digitization techniques in the field of Cultural Heritage	08/05/2023	64	75

Initial survey of the experiences and technology state of the art	23/06/2023	60	69

3.6   The project newsletter

The project newsletter consists of a mixture of new content and articles and news featured on the website. The objective is to keep stakeholders up to date with the project, encourage visits to the website and to engage them in project activities such as surveys, workshops and webinars. For the first 18 months, the newsletter was issued around every three months; Ten newsletters have been published in total as follows:

Newsletter No.	Date published	Recipients	Opens	% opens
1	11 February 2021	82	34	42%
2	10 June 2021	116	60	52%
3	10 September 2021	129	62	48%
4	10 December 2021	140	67	48%
5	5 April 2022	179	78	45%
6	8 July 2022	183	81	44%
7	21 October 2022	211	111	53%
8	5 May 2023	216	105	49%
9	3 October 2023	220	103	47%
10	20 December 2023	236	Not yet available	

The circulation list has grown steadily and maintains an open rate of 45% and above, which is above average for an online newsletter.

Figure 4. An extract from Newsletter 9.

3.7   The project leaflet

The general leaflet is available, for consultation and for download in a print-friendly format, in the General leaflet section of the website (https://www.4ch-project.eu/resources-activities/other-publications/general-leaflet/) in nine different languages. The digital English version of the "SUM – Save the Ukraine Monuments" leaflet, created on the occasion of the event "Digital Assembly 2022: A closer look into the digital future" that was held in Toulouse, France, in June 2022 was also uploaded to this section during Period 2.

In the period M19-M36 the total number of downloads is approximately 1,730 and, as in the previous period, are evenly distributed among the nine available languages. From the available statistics it can be seen that the languages downloaded the most are English, Italian and French (Figure 5).
The SUM leaflet was downloaded about 170 times, reaching approximately the same level as other leaflets in the same period.
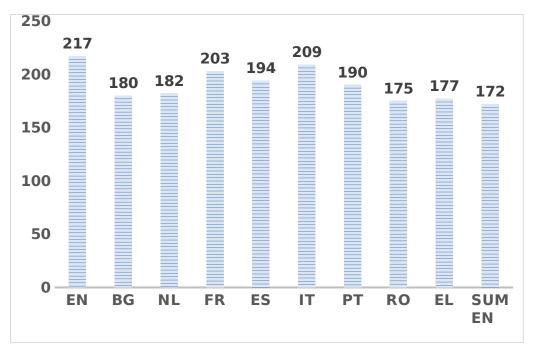
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Figure 5. Leaflet downloads by language

3.8   The 4CH website

The 4CH website (http://www.4ch-project.eu) was launched in January 2021. The aim behind the site was to provide information about the project not only to its identified stakeholder communities but also to citizens. It provides a single point of access for all the information about project activities, events, deliverables and services. Since the launch, some updates were made to the website with the addition of new sections and contents following the progress of the project and the availability of new content and activities.

In the period M19-M36 particular attention was given to populating the sections dedicated to activities and resources, such as the interviews created for the dissemination and exploitation activities, with the aim of giving more visibility to the project outputs (Figure 6).

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Figure 6: The website section dedicated to the interviews

3.8.1   News, Features and Events

Another key area of the website is the News section which consists of:

- News items - short summaries, usually with links for further information
- Events – details of upcoming events including Calls for Papers etc.
- Features – longer, in-depth articles. These include a series of Case Studies which aim to highlight the type of work that 4CH and the CCs will address.

Between M19 and M36, this section had published a further 29 items:

- 16 news stories
- Details for eleven events
- Two full-length features – Case Studies 4 and 5.

The Case Studies, which are written in conjunction with individual partners, are used as a means of presenting the different type of activities that a Competence Centre will support in a way that can be

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understood by a wide variety of stakeholders, including the general public. Three Case Studies were published in Period 1 followed by two more in the 2nd period:

1. Ename Abbey (3D / Storytelling)
2. Choirokoitia (Preservation and conservation, 3D)
3. Azulejo panels of the São Roque chapel in Lisbon (analysis best practice).
4. Volunteering and partnership from the field to the exhibition: aspects of public archaeology in the Hungarian National Museum (citizen involvement).
5. ARIADNE: Best practice for data management in archaeology and CH (data management)

3.9   Dissemination and exploitation activities covered by Task 7.4

Task 7.4 (led by CYI) covers the planning and implementation of the dissemination and exploitation activities which includes the organisation of events. However, the pandemic has resulted in the decision being taken at the beginning of the project that the dissemination activities would continue to be held online, using video solutions. Consequently, a series of video interviews were undertaken and published on the website (via Vimeo).

The Cyprus Institute completed the first two interviews in Period 1. During Period 2, further eight interviews were conducted and promoted via the website and social media as follows:

- **Nikolas Bakirtzis in conversation with Agni Petridou**. Agni Petridou is a conservation architect & urban planner and consultant to the Nicosia Municipality. She has extensive experience in the conservation and management of cultural heritage in Cyprus. In an interview with her, Nikolas Bakirtzis, Associate Professor at the Cyprus Institute and part of the 4CH local team, discusses the topic of cultural heritage conservation and how the future Competence Centre can implement actions at national and international level. Agni Petridou underlines the importance of such a centre, especially in Cyprus, to fill the gap of lack of coordination and policies in the field of conservation. The problem is the diversity of approaches among stakeholders and the lack of a common language, which prevents the implementation of agreed solutions. Ms Petridou goes on to highlight some of the priority issues in Cyprus, such as the historic city of Nicosia, the importance of urban and landscape conservation, and difficult areas such as the buffer zone, the sediment of the city that has been stuck since the formal division of Cyprus in 1974. In this context, Ms Petridou proposes that the Competence Centre will work with bi-communal initiatives, Greek Cypriot and Turkish Cypriot, and with already established mechanisms such as the Technical Committee and the Nicosia Master Plan. Agni Petridou would like the future Competence Centre to coordinate local institutions and take a leading role in the preservation of cultural heritage, in order to identify some common strategies for intervention.

- **Sorin Hermon in conversation with Androulla Vassiliou**. Androulla Vassiliou is a former European Commissioner for Education, Culture, Multilingualism and Youth and is currently Vice-President of Europa Nostra. Drawing on her experience in policy making and her extensive knowledge of Europe and Cyprus, Sorin Hermon discusses with her what should be expected from the future Competence Center in terms of policy making and cultural heritage. Ms Vassiliou emphasises the need to promote a more inclusive cultural heritage, including not only tangible but also intangible heritage, such as training people in old skills to preserve them for the future. She also underlines the need to take into account different types of heritage, such as natural and industrial heritage. Ms Vassiliou stresses the need to develop strategies to involve the community in the preservation of cultural heritage and to involve young people by organising educational projects around heritage. The strategy at the policy-making level is to collaborate with institutions, identifying and listing what are the tangible and intangible cultural heritage at the national level, addressing the risks to which the heritage is exposed and cooperating with other European countries to exchange knowledge and good practices.

- **Sorin Hermon in conversation with Antigoni Michael**, Coordinator of the 7 Most Endangered Programme of Europa Nostra, Sorin Hermon discusses the topic of preservation of endangered sites in Europe and beyond. On the basis of her experience, Antigoni underlines how the creation of synergies between society and institutions helps to create the right network for the preservation of endangered sites. To do so, it is important to understand whom we are addressing, the age, the technological skills, and consequently select different kinds of channels for communicating with them.

- **Xavier Rodier in conversation with Isabelle Pallot Frossard**. In this interview, Xavier Rodier, a researcher at CNRS, Director of the MSH Val de Loire, University of Tours, discusses with Isabelle Pallot Frossard the theme of conservation and restoration. Isabel Pallot Frossard, President of the Foundation of Heritage Sciences in France, has a long career in the service of Cultural Heritage conservation. Based on her experience, she mentions the many risks our Cultural Heritage is subject to, and how the Competence Centre can help to promote national and European cooperation, improve approaches and develop subjects, as well as foster the coordination of interdisciplinary skills, with the aim to address these issues.

- **Corinne Szteinsznaider** - Corinne Szteinsznaider, an expert in digital cultural heritage and EU cultural policies, is the coordinator of the Michael Culture Association. The Michael Culture Association is a European trans-domain devoted to European digital cultural heritage, from aggregation, protection, preservation, valorisation and reuse; aiming to support the Digital cultural heritage communities. It gathers a strong network of more than 100 public and private organizations from all over Europe. In this video, Corinne presents the role of MCA in the 4CH

project and introduces Véronique Chankowski, guest speaker and long-term partner of MCA, highlighting how research centres could benefit and enrich the Competence Centre.

- **Sorin Hermon in conversation with Véronique Chankowski** - Véronique Chankowski is a historian, professor of Greek History at the University of Lyon 2 (France) and Director of the "École française d'Athènes", French School of Athens. The École française d'Athènes is the first foreign institute established in Greece. Founded in 1846, it is a centre of advanced research in humanities. Its core mandate is the study of Greece in its Balkan and Mediterranean contexts, from prehistoric times to the present. Véronique coordinated the NETCHER Project (H2020, 2019-2022) which focused on providing recommendations, resources and best practices in the fight against the illicit trafficking of cultural heritage. In this video, her contribution covers various aspects of how research actors could benefit from a Competence Centre, with a focus on the topic of illicit trafficking of cultural heritage. By creating a multidisciplinary dynamic network of competence, and skills, the Competence Centre for the preservation of cultural heritage, could be a key structure to enhance the protection of heritage.

- **Sorin Hermon in conversation with Iosif Hadjikyriakos** - In conversation with Iosif Hadjikyriakos, Director of the Phivos Stavrides Foundation and Associate Researcher of the Cyprus Marine and Maritime Institute (CMMI), Sorin Hermon discusses how the 4CH Competence Centre for Culture Heritage can contribute to the protection of the natural and cultural heritage of Cyprus. The discussion focuses on the importance of studying history and consequently preserving the archives, studying the natural environment, and engaging the local communities. The solution proposed is to include Cultural Heritage in the everyday life of society and share the scientific results in a simple language that makes feel people part of it and makes them understand the importance of protecting it.

- **Francesco Taccetti in conversation with Sara Abram** - Francesco Taccetti, 4CH Project Leader, discusses the requirements for a Competence Centre (CC) with Sara Abram, the General Secretary of Fondazione Centro per la Conservazione e Restauro "La Venaria Reale" which undertakes research and the restoration of artworks and artefacts in its laboratories as well as providing training in these areas. The discussion covers aspects such as the need for a European reference framework as scientific techniques and methodologies become increasingly complex and the treatment related data resulting from these procedures along with the opportunities offered by digitisation and the role of a CC for private institutions.

The video recordings were made using advanced video and audio recording equipment. The second stage of the activities, the post-processing and editing of the videos, was the most time-consuming part. Specifically, for the CYI interviews, Adobe After Effect and Media Encoder was used to post-

process the videos. Once the videos were ready, the interviews were manually scripted to get perfectly-timed and word-precise captions. The interviews follow the video specifications and subtitle guidelines shared by the Task 7.3 team, providing high quality content with English subtitles. In this regard, it was decided to give the interviewees the possibility to carry out the interview in their country's language, given the presence of English subtitles. On the one hand, it allows people to freely express themselves in their own or the preferred language; on the other hand, the two languages guarantee to easily share the videos both within the interviewee's own country and abroad thanks to the translation. Moreover, such a choice also guarantees the representation of all the European languages used in the 4CH Consortium. The finalised videos are being uploaded on the Vimeo 4CH project account and made available in a dedicated section of the project website (https://www.4ch-project.eu/resources-activities/interviews/).

3.10   Website statistics

The website usage is carefully monitored via Google Analytics. The following analysis covers the period from July 2022 to the first half of December 2023 (M19 – M36). The statistics relating to the month of December 2023 are influenced by the lack of data relating to the second half of the month.
The analytics includes a constantly updated custom filter to rule out spam/ghost traffic, and the usage reported here therefore excludes traffic that would artificially inflate the metrics.

The website attracted about 11,000 visitors during the period M19-M36 (Figure 7). Except for some periods that reflected the lack of physical or online events, such as during the summer months, when the number of visitors was slightly lower, there has been a steady rate of visitors, between 600-900 per month.
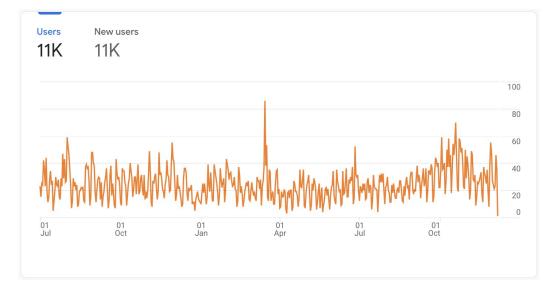

Figure 7. 4CH website user visits for the period M19-M36

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The traffic acquisition overview (Figure 8) shows the total number of sessions, approximately 16,000 also divided by acquisition source. As in the previous period, the "Organic search" traffic ranks first among the site's traffic channels, followed by "Direct", "Referral" and "Organic social". Compared to the previous period, "Organic search" has increased in percentage when compared with the other acquisition sources, confirming the good positioning of keywords within the search engines. The other three traffic sources maintain the trend of the previous period although with slightly lower numbers.
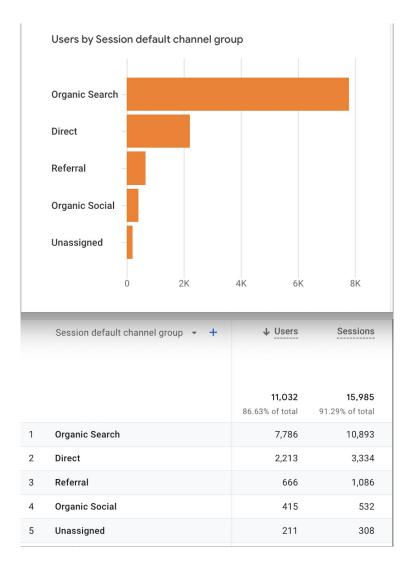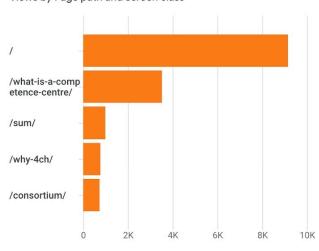

Session default channel group	Users	Sessions
	11,032	15,985
	86.63% of total	91.29% of total
1 Organic Search	7,786	10,893
2 Direct	2,213	3,334
3 Referral	666	1,086
4 Organic Social	415	532
5 Unassigned	211	308

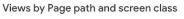*Figure 8. Website acquisition source statistics*

The total number of views is approximately 22,600 (Figure 9). In the ranking of the most viewed pages place goes to the site's home page, with 9,152 views. The second most visited page concerns the description of the project (/what-is-a-competence-centre) followed by the page about the SUM initiative (/sum). The following most visited pages are related to the characterisation of the project (/why-4ch, /consortium, /about-the-project, /advisory-board), confirming that visitors are very interested in the

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project and who is involved. The pages relating to "resources and activities" appear in sixth and ninth position (/resources-activity/deliverables/), gaining views due to new content added during this period.

Views by Page path and screen class

	Page path and screen class	↓ Views	Users
		22,610	10,113
		93.23% of total	87.52% of total
1	/	9,152	6,031
2	/what-is-a-competence-centre/	3,518	2,852
3	/sum/	986	720
4	/why-4ch/	767	574
5	/consortium/	739	569
6	/resources-activities/deliverables/	622	372
7	/about-the-project/	502	378
8	/advisory_board/	475	340
9	/resources-activities/	468	341
10	/news/	452	225

Figure 9. Website views per page

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3.11   Events

During the second reporting period (M19-M36), the 4CH project organised a series of events aimed at raising public awareness of the project and introducing the Competence Centre to key stakeholder groups, i.e. professionals from the cultural sector, researchers and policy makers. Below is a brief summary of the main events organised by the project with a link for further information.

Cultural Institutions Workshop

Milan, 15/9/2022

The "Cultural Institutions Workshop" brought together more than 50 people working in Museums, Art Galleries, Libraries, Archives, Archaeological Sites, Monumental Complexes and Historic Palaces with the aim of promoting the 4CH project and the creation of the future Centre of Competence, collecting the needs from Cultural Institutions, and identifying best practices to be valued.

The workshop was organised into three parts, the first two in plenary and the third in working groups. The first contribution was from the director of the Pinacoteca di Brera, James Bradburne, who shared the management strategies and initiatives carried out by this important cultural institution. The second part was dedicated to the CH organisations that submitted a "best practice proposal" on the three proposed themes: digitisation, accessibility and communication. Contributions came from universities, UNESCO sites, historic villas and museums. Then the participants were divided into three working groups for the break-out sessions. They had the opportunity to brainstorm on the issues, discuss and some needs of CH were collected. The needs that emerged are: regular events like the Cultural Heritage Workshop, training courses and guidelines. The contributions that emerge during the event have been collected into a digital book.Further information, programme of the workshop and link to the digital book are available at: https://www.4ch-project.eu/cultural-heritage-workshop-in-pinacoteca-di-brera-milan/

4CH: perspectives and the strategies for the Italian Competence Centre
Cultural Institutions and Competence Centre: the 4CH project collects best practices
Florence, 30/9/2022 and 01/10/2023

4CH hosted a meeting and a workshop at tourismA in Florence. tourismA is an international exhibition of archaeology aimed at all the cultural and economic organisations active in archaeological, artistic and monumental fields: private and public research institutes, archaeological parks and museums, tourist boards, tour operators and cultural associations. The event is held annually with workshops being introduced in 2018.

On Friday morning, the 30th September, the 4CH meeting focused on the perspectives and the strategies for the Italian Competence Centre. Francesco Taccetti introduced the project and its current status to the audience, then there were two contributions from the Advisory Board. In the second part of the meeting, institutions involved in the protection and provision of analytical services to Italian

Cultural Heritage presented on what the Italian CC would mean for them: Gilberto Saccorotti from the Istituto Nazionale di Geofisica e Vulcanologia (INGV), Valeria Spizzichino from The National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Sara Abram from Fondazione Centro Conservazione e Restauro dei Beni Culturali La Venaria Reale (CCR – La Venaria Reale) and David Chelazzi from the Center for Colloid and Surface Science (CSGI).

On Saturday morning, the 1st October, the "Cultural Institutions and Competence Centre: the 4CH project collects best practices" workshop was held. This started with a video contribution from Fulgencio Sanmartìn (European Commission) Project Officer of 4CH project, followed by an update of the projects done by Francesco Taccetti, 4CH coordinator, with a special focus on the SUM (Save the Ukraine Monuments) initiative. This were followed by presentations from a number of speakers from museums, research and restoration centres and regional heritage departments who shared best practices in restoration, digitalisation, accessibility and valorisation. Further information and the programme of the two workshops are available at https://www.tourisma.it/venerdi-30-settembre/ and https://www.tourisma.it/sabato-1-ottobre/

4CH | Competence Centre for the Conservation of Cultural Heritage
Ferrara, 29/3/2023
The event, organised by the Inception Spin off - DIAPReM/TekneHub, in collaboration with Clust-ER BUILD – VC INNOVA CHM and Clust-ER INNOVATE, brought together experts, academics, and institutional representatives to explore the critical role of digitisation and 3D technologies in heritage conservation. Moderated by Roberto Di Giulio, Scientific Coordinator of the 4CH project, the conference offered an overview of activities at the European, national, and regional levels.
Francesco Taccetti, Project Coordinator of 4CH, introduced the project and the National Competence Centre, outlining their impact on cultural heritage conservation. Cristina Ambrosini, Head of the Cultural Heritage Department for the Emilia-Romagna Region, discussed regional activities related to 3D technologies. Franco Niccolucci, Technology Coordinator of 4CH, delved into the digital approach to cultural heritage conservation, emphasizing the transition from documentation to knowledge. Danila Longo, representative from the University of Bologna and a project partner, explored the role of European Competence Centres in the context of cultural heritage. Marco Medici, part of the Scientific Coordination Team, presented the objectives and challenges in developing the Data Space for Cultural Heritage, with a focus on integrating three-dimensional data. Daniele Pini, a member of the 4CH international Advisory Board, provided an analysis of the Board's activities.

The event marked a significant step towards promoting collaboration and innovation in the cultural heritage conservation sector, solidifying 4CH's role as a reference point for the development of ICT technologies in this field. Further information and programme of the event are available at https://da.unibo.it/it/eventi/il-convegno-4ch-competence-centre-for-the-conservation-of-cultural-heritage

Shaping the World of 3D

The Hague, 29/6/2023

The "Shaping the World of 3D" workshop, held on June 29, 2023, at the NWO Building in The Hague, provided a valuable platform for creators, users, and managers of 3D research datasets, as well as service providers in the management of 3D datasets to share knowledge and best practices. The focus of the workshop centred around discussions on data management challenges associated with 3D datasets in the realms of cultural heritage and archaeological research.

The workshop recognised the increasing significance of 3D datasets in cultural heritage and archaeological research, emphasising the need for effective data management practices. With the establishment of 3D models and visualisations, the proper handling of the resulting datasets has become paramount. Key considerations such as data storage, file formats, and usage licenses were addressed, aiming to facilitate the seamless reuse of valuable data.

The workshop featured presentations by experts in the field, providing insights into the latest developments, challenges, and potential solutions related to 3D dataset management. Open discussions allowed participants to engage actively, sharing experiences and perspectives.

The day-long workshop resulted in a comprehensive roadmap aimed at improving the infrastructure for 3D dataset management and promoting effective reuse. The collaborative efforts of the Dutch research community in this domain laid the foundation for addressing critical challenges and advancing the field. Further information is available at https://dans.knaw.nl/en/agenda/shaping-the-world-of-3d/

Creating and Sharing 3D in the Common European Dataspace

10/10/2023

The workshop, organised in the context of EuropeanaTech 2023 Conference, was presented in collaboration with Sander Münster from University of Jena/TimeMachine and Marco Medici from the University of Ferrara, along with Digital Skills Officer Catherine Anne Cassidy and Operations Manager Kate Fernie. Activities included a comprehensive look at the 3D digitisation process as well as opportunities for hands-on experience of various data capture techniques including photogrammetry and structured light scanning. The objective of the workshop was to set participants on a path towards 3D digitisation in their own organisation with clear ideas on practice, capacity and investment required, and avenues for aggregation into Europeana.

The programme included:
- Introduction to 3D digitisation methods and overview of workflows, steps and relevant tools
- In depth photogrammetric data capture process
- Data processing from photogrammetry
- Archiving and preserving 3D data
- Publishing and sharing data on Europeana

The intended audience was for professionals interested to start 3D modelling, but the workshop drew in greater diversity of participants, many experts in the field, those responsible for shaping policy at national levels, or to those curious of its wider application in the tourism, museum and archiving sectors. Even Mr Gee, Europeana's poet in residence during conferences, attended the entire workshop and included his experience in his Day 1 wrap up poetry. Feedback during the workshop focused on concerns for 3D data storage, digitisation method selection, best practice, and building and retaining capacity in necessary digital skills, which were discussed in an open forum at the end of the workshop. Inclusion of outputs from 4CH and the future opportunities of 5DCulture were of interest to participants as potential applicable solutions. Further information is available at https://www.carare.eu/en/news/carare-tmo-and-inception-led-the-successful-in-person-3d-workshop-europeanatech/

Dialogo sulla tutela del patrimonio. Esperienze e conoscenze per la creazione di un centro di competenza nazionale: il progetto 4CH

Rome, 19/10/2023

The event, organised by ICCU, aimed to present the state of development of the new Italian Competence Centre dedicated to the conservation of cultural heritage. The conference brought together, in an open and productive dialogue, almost 70 researchers and people working in cultural institutions to share experiences, needs and solutions for the preservation and conservation of cultural heritage, paying specific attention to the management and prevention of natural disasters and unexpected events.

The event was divided into two sessions during which experts from various sectors presented and shared their experiences. The morning began with a warm welcome and introductory remarks by Simonetta Buttò, Director of the ICCU, highlighting the need to preserve cultural heritage for future generations. Francesco Taccetti, Coordinator of the 4CH project, provided a detailed overview of the development status of the Competence Centre for the conservation of cultural heritage. A round table discussion engaged prominent figures such as Carla Di Francesco, Carlo Birrozzi, Alessandro Sidoti, Antonia Pasqua Recchia, and Alessandra Vittorini, moderated by Roberto Di Giulio. The afternoon provided an overview of the synergies between research and innovation for heritage preservation. Marco Medici and Achille Felicetti presented the services and functionalities of the Competence Centre, followed by a roundtable with experts such as Sara Abram, Valeria Spizzichino, and Gilberto Saccorotti, moderated by Franco Niccolucci. Finally, Daniele Pini highlighted the crucial role of the European and National Advisory Board, while Francesco Taccetti concluded the event by looking towards the next steps. Active interaction with the audience enriched the experience, fostering a deep and proactive dialogue.

Further information and the programme of the event are available at https://www.iccu.sbn.it/it/eventi-novita/novita/Dialogo-sulla-tutela-del-patrimonio.-Esperienze-e-conoscenze-per-la-creazione-di-un-centro-di-competenza-nazionale-il-progetto-4CH/

4CH final meeting

Brussels, 28-29 November 2023

The 4CH Final Meeting convened in Brussels on November 28-29, 2023, marking a significant milestone for the project. Hosted at the Conference Centre Albert Borschette, the event brought together stakeholders, experts, and project contributors to assess and celebrate the outcomes achieved over the project's duration.

The first day, themed "4CH at Work," started with opening addresses from the EU Commission, setting the stage for an insightful overview provided by Francesco Taccetti, the Project Coordinator. Morning sessions delved into the project's results, focusing on 3D digitisation, valorisation, and the innovative approach demonstrated through various pilot cases. Best practices in 3D digitisation were presented, showcasing the diverse applications and advancements made within the 4CH framework.

Breaks provided opportunities for networking and exchange, fostering a collaborative atmosphere. The sessions continued with a spotlight on the 4CH cloud, its services, and the knowledge base methodology. Training and upskilling initiatives, including the TwinIt webinars, were discussed, emphasising the project's commitment to knowledge dissemination and skill enhancement. The afternoon shifted focus to the Competence Centre's infrastructure and governance. Presentations outlined the design of the European Competence Centre and its departments, providing insights into the network of Competence Centres and their organisational structures. A question and answer session encouraged interactive discussions, enriching the understanding of the project's broader impact. The day concluded with the TwinIt Webinar, exploring aspects of storing, managing, and visualizing 3D models. Francesco Taccetti provided closing remarks, summarising the day's discussions and laying the groundwork for the upcoming sessions. The second day delved into further details regarding the Competence Centre's infrastructure and governance, culminating in a wrap-up of the TwinIt webinar series. This final 4CH meeting serves not only as a platform to share insights and achievements but also as a stepping stone for the sustained impact of the 4CH project in the realm of cultural heritage conservation.

3.12   Twin iT webinar series

Twin iT is a campaign promoted by Europeana (https://pro.europeana.eu/page/twin-it-3d-for-europe-s-culture) with the aim of raising awareness about the digitisation of cultural heritage in Member States (MS). The campaign encourages the MS to produce and send a 3D model of a monument symbolizing their national cultural heritage, especially one that is potentially at risk.

As part of **Twin iT**, Europeana and 4CH reached an agreement to promote a series of five technical webinars that support the campaign, focusing on various aspects and phases of digitisation.

These webinars, aimed at member states, were coordinated by 4CH and its partners and took place in October and November. Below is the list of the webinars and the topics covered:

Tue 03.10.2023 | 03:00 to 04:00 p.m. CET

Webinar_1: The overall 3D digitisation process

Main topics:

- Planning the 3D digitization
- Choosing the right workflow and outputs of the 3D digitization
- Storing, preserving and accessing 3D models

Tue 24.10.2023 | 03:00 to 04:00 p.m. CET

Webinar_2: 3D capturing techniques (on field operations)

Main topics:

- Laser scanning - fixed station and mobile systems
- Aerial and ground photogrammetry
- Documenting on field operations

Tue 07.11.2023 | 03:00 to 04:00 p.m. CET

Webinar_3: 3D modelling techniques

Main topics:

- From captured data to a 3D model
- Processing and optimizing the 3D model for the right purpose
- 3D formats and standards

Wed 15.11.2023 | 11:00 to 12:00 a.m. CET

Hybrid CEDCHE meeting in Luxembourg

Webinar_4: A practical example: the 3D model of Villa Aldrovandi Mazzacorati in Bologna

Description of phases and final results

Tue 28.11.2023 | 03:00 to 04:00 p.m. CET

Hybrid 4CH event in Brussels

Webinar_5: Storing, managing and visualizing the 3D models

Main topics:

- Documenting the 3D model with metadata, choosing the right data schemas
- Store and preserve the 3D models for the future
- Online visualization of 3D models - platform and viewers

3.13   Partner activities

The project partners and their associates actively disseminate the project's results through their own websites, newsletters, and social media channels as well as publishing papers and articles in journals

and attending events. A summary of these activities is provided here with full details (i.e. dates, participant, URL, title, target audience etc.) to be found in the Appendices.

3.13.1   Websites

During M19-M36, there have been 34 items ranging from short notices to more detailed news items published on websites which have mainly belonged to partners. The Items have appeared in a variety of languages, occasionally with the same item published in more than one language, with the main ones being English, Italian and Greek. A full list is to be found in Appendix A.

3.13.2   Partners' newsletters

Several of the partners have regular newsletters which are sent out to subscribers, many of whom are target stakeholders for 4CH. During the second periodic report, there have been 43 mentions of the project in these newsletters which are detailed in Appendix B.

3.13.3   Social Media

A number of partners are very active on social media. In M19-M36, 145 separate social media posts have been recorded by mid-June as follows:

Social Media Channel	Number of posts
Facebook	50
Instagram	43
LinkedIn	2
Twitter	50

A full list is to be found in Appendix C. The majority of these posts are in English and Italian, with some Greek and French also.

3.13.4   Presentations and academic papers, journal articles

Heritage professionals and researchers present papers at conferences and publish their work in research and professional journals, this being the primary means of exchanging knowledge for these stakeholders. Whilst this activity is largely down to the partners, i.e. submitting papers and articles for publication, it is an important aspect of communication and dissemination which is supported by the team tasked with promoting the project and its outcomes who can bring Calls for papers to the partners notice, advertise the events, and in particular those featuring presentations etc. from the project.

In M19-M36, 26 papers have been written by five partners as listed in Appendix D, most of which have already been published.

3.13.5   Participation in External Events

Many of the partners have participated in externally organised events as speakers. During the second periodic report, there have been 73 of these events (including those organised by the project and reported in the previous paragraph) which range from small gatherings to much larger, more diverse audiences of stakeholders at workshops and conferences. Overall, about 4,500 people were reached. The details of the participation to these events are reported in Appendix E.

3.13.6   Other dissemination

In addition to the standard dissemination channels, a few more activities were carried out, which are reported in Appendix 6. This includes the realisation of videos (including the video interview series), the production of specific dissemination materials for the event "Dialogo sulla tutela del patrimonio. Esperienze e conoscenze per la creazione di un centro di competenza nazionale: il progetto 4CH" (Rome, 19/10/2023) and the implementation of the carto4CH web portal by UNI-TOURS.

4 Monitoring and assessment

Supervision of the communication, dissemination and, towards the end of the project, the exploitation activities, is carried out regularly. For this purpose, a spreadsheet is used by all the partners who record all their activities there. The table is composed of several sheets which represent different means and tools to spread information about the project and the results: website, newsletter, social pages, scientific publications, non-scientific publications, dissemination materials, events, and communication campaigns. Through this instrument we can observe the evolution of each type of activity and specific fields identify the target audience reached. All the partners are reminded periodically to update their activities.

As part of monitoring the progress of all the project activities, a three-monthly periodic report in which it is required to specify the planned progress, the actual progress, and the planned activities for the next trimester is produced for each Work Package including this one, WP7. The report also provides the opportunity to highlight specific issues that may arise, allowing for the adjustment of the strategy or the implementation of remedial actions if necessary.
Regular team meetings of WP7 task leaders were held to review activities, assess progress, and plan for the upcoming months

The project began in January 2021 with the website available from the outset to support the communication activities which currently cannot count on physical events. After the initial roll out, during which the project objectives were communicated through all the available channels, a phase followed in which all the channels have sought to maintain the attention on the project (for example news about a presentation in a virtual conference). A user community interested in following 4CH has been established and continues to grow steadily.

The website plays a fundamental role in the communication and dissemination activity and the number of visitors has increased steadily thanks to the implementation of contents and materials made available through the website (e.g. stories and events, resources, case studies, videos, interviews, and webinars). Through the website is possible to subscribe to the newsletter which has been published approximately every three months. Twitter is the main social media platform used and maintained actively, making tweets both related to the project activities and sharing interesting news as well as following other pertinent profiles.

The 4CH Vimeo channel hosts videos related to the project, and, in addition, content made available on Zenodo is monitored.

To evaluate the success of the dissemination activity it is possible to enumerate a series of indicators. First, we must consider the stakeholders involvement in the 4CH project.

Their participation could happen in a number of ways:
- Institutions participating in meetings organised by the project (mainly online at present). A subsequent survey could be set up to evaluate the impact of the event.
- Involvement of experts in interviews or webinars also as representatives of other projects.
- Through future cooperation with other institutions.
- Through future cooperation with other national or European projects.

Additional factors to appraise the impact of the communication and dissemination can be evaluated through:
- Participation in events organised by 4CH.
- Number of presentations at relevant conferences and events.
- Number of visitors of the website.
- Number of downloads regarding the dissemination materials made available online.
- Number of downloads of the presentations and deliverables made available online.
- Numbers of followers on Twitter (also the number of people who see messages and the number of the retweets).
- Numbers of views of the videos uploaded on Vimeo.
- Numbers of subscribers of 4CH email newsletter.
- Number of publications related to 4CH project (scientific, non-scientific)
- Number of webpages in which 4CH is mentioned.

Description	Measure	M18 Target	Actual M18	M36 Target	M36 Actual
Newsletter	Number of subscribers	150	181	230	236
Website	Unique visitors	10,000	9,823 [1]	20,000	20,823
Website	No. of leaflet downloads	150	880	1,500	2,610
People reached at events	No. of attendees at conferences, workshops etc.	150	Approx. 1,000	2,000	Approx. 5,500

Description	Measure	M18 Target	Actual M18	M36 Target	M36 Actual
Twitter account	Followers	250	265	500	510
Twitter account	Profile visits	6,000	18,137	40,000	Est. 36,000
SlideShare account	Number of views	400	317	N/A [2]	
VIMEO account	Number of views	400	1,100	2,000	2,100
ZENODO views	Number of views	100	196	500	1,260
ZENODO download	Number of documents downloaded	30	129	300	890

Notes
1. This figure is from mid-June so missing an additional 2 weeks.
2. SlideShare no longer used, replaced with Zenodo.

4.1   Conclusions

Nearly all the targets have all been met, in particular the number of leaflets downloaded have exceeded expectations along with the number of people reached at events (both online and in person). Twitter has proven challenging due to the changes it has undergone in the last year. However, but based on the M18 figures, an estimate of 36,000 profile visits is deemed reasonable. Vimeo and Zenodo have also proved to be effective dissemination channels, especially as these are targeted at research and professional audiences. The individual partners have also contributed greatly to the dissemination and communication of the project as can be seen by the numerous mentions on websites, newsletters, social media, participation in external events and publications.

References

1. Grant Agreement No. 101004468, Competence Centre on the Conservation of Cultural Heritage, CORDIS, https://cordis.europa.eu/project/id/101004468
2. D7.3 Dissemination & Communication Plan for M19-M36.

Appendices

A – Articles and mentions of 4CH on websites.

B - Newsletters with articles and items mentioning project

C – Social Media

D – Publications

E – Participation in External Events

F – Other media

Appendix A - Articles and mentions of 4CH on websites

Date (approx.)	Partner	URL	Target audience	Language
07/07/2022	UNI-TOURS	https://portal.carto4ch.huma-num.fr/en/	CH professionals & researchers, Public with special needs	English, French
02/09/2022	INCEPTION S.R.L	https://www.ferraraitalia.it/lo-spin-off-di-unife-inception-partecipa-a-4ch-la-rete-europea-per-il-patrimonio-culturale-226246.html	General public, CH professionals & researchers	Italian
12/09/2022	ATHENA RC	http://www.dcu.gr/4ch-data-browser-ένας-διαδικτυακός-πόρος-του-έργου-4ch/	General public, CH professionals & researchers	Greek
19/09/2022	ATHENA RC	https://apollonis-infrastructure.gr/2022/09/19/4ch-data-browser-ένας-διαδικτυακός-πόρος-του-έργου-4ch/	General public, CH professionals & researchers	Greek
27/09/2022	CyI	https://www.apaclabs.com/news/kouros-of-palaikastro/	General public, CH professionals & researchers	English
01/04/2023	CyI	https://www.cyi.ac.cy/index.php/component/k2/tracing-history-at-saint-john-lampadistis-monastery	General public, CH professionals & researchers	English
21/04/2023	CyI	https://apaclabs.cyi.ac.cy/news/tour-kalopanagiotis/	General public, CH professionals & researchers	English

Date (approx.)	Partner	URL	Target audience	Language
21/04/2023	CyI	https://www.cyi.ac.cy/index.php/in-focus/tracing-history-at-the-monastery-of-st-john-lampadistis-sharing-apac-starc-research-at-kalopanagiotis.html?fbclid=IwAR21XDHzp3RwsjsTcMqh8Wdhzpo4NuR5aytXwmRKJu-zBSDuEHX_644IcJA	General public, CH professionals & researchers	English
24/04/2023	CyI	https://www.cna.org.cy/press-release/article/4855424/anakoinosi-typoy-institoyto-kyproy	General public, CH professionals & researchers	Greek
24/04/2023	CyI	https://eoc.org.cy/the-cyprus-institute-tracing-history-at-the-monastery-of-st-john-lampadistis-sharing-apac-starc-research-at-kalopanagiotis/	General public, CH professionals & researchers	English
24/04/2023	CyI	https://paideia-news.com/institoyto-kyproy/2023/04/24/iky-ixnilatontas-tin-istoria-tis-monis-toy-agioy-ioanni-lampadisti-ston-kalopanagioti/	General public, CH professionals & researchers	Greek
24/04/2023	CyI	https://www.ygeiawatch.com.cy/news/deltia-typoy/inst-kyproy-ixnhlatwntas-thn-istoria-ths-monhs-toy-agioy-iwannh-lampadisth-ston-kalopanagiwth	General public	Greek
24/04/2023	CyI	https://avant-garde.com.cy/articles/nea/news/institoyto-kyproy-ihnilatontas-tin-istoria-tis-monis-toy-agioy-ioanni-lampadisti	General public	Greek
24/04/2023	CyI	https://pafoslive.com.cy/ινστιτούτο-κύπρου-ιχνηλατώντας-την/	General public	Greek

Date (approx.)	Partner	URL	Target audience	Language
24/04/2023	CyI	https://cyprusnews.eu/avant-garde/14267286-ινστιτούτο-κύπρου-«ιχνηλατώντας-την-ιστορία-της-μονής-του-αγίου-ιωάννη-λαμπαδιστή-στον-καλοπαναγιώτη».html	General public	Greek
24/04/2023	CyI	https://neakypros.com.cy/iki-ichnilatontas-tin-istoria-tis-monis-toy-agioy-ioanni-lampadisti-ston-kalopanagioti-273114.html	Other (e.g. investors, customers), General public	Greek
25/04/2023	CyI	https://www.boussiasnews.cy/el/news/1682408352/institouto-kyproy-ikhnilatwntas-tin-istoria-tis-monis-toy-aghioy-ioanni-lampadisti-ston-kalopanaghiwti	General public	Greek
26/04/2023	CyI	https://www.alphanews.live/economy/iky-ihnilatontas-tin-istoria-tis-monis-toy-agioy-ioanni-lampadisti	General public	Greek
26/04/2023	CyI	https://www.ant1live.com/koinonia/545923_institoyto-kyproy-ihnilatontas-tin-istoria-tis-monis-toy-agioy-ioanni-lampadisti	General public	Greek
26/04/2023	CyI	https://www.philenews.com/politismos/article/1301715/i-erevnes-tou-institoutou-kiprousti-moni-agiou-ioanni-lampadisti/	General public	Greek
26/04/2023	CyI	https://www.cyprushighlights.com/ιχνηλατώντας-την-ιστορία-της-μονής-τ/	General public	Greek
05/05/2023	ATHENA RC	http://www.dcu.gr/4ch-συνεντεύξεις/	General public, CH professionals & researchers	Greek
05/05/2023	ATHENA RC	http://www.dcu.gr/en/4ch-συνεντεύξεις/	General public, CH professionals & researchers	English

Date (approx.)	Partner	URL	Target audience	Language
20/05/2023	KNAW	https://dans.knaw.nl/en/agenda/shaping-the-world-of-3d/	CH professionals & researchers, Policy makers	English
02/06/2023	ATHENA RC	http://www.dcu.gr/el/πόστερ-working-with-flow-workflows-for-accessing-4ch-services-στην-ετήσια-συνάντ/	General public, CH professionals & researchers	Greek
02/06/2023	ATHENA RC	http://www.dcu.gr/en/πόστερ-working-with-flow-workflows-for-accessing-4ch-services-στην-ετήσια-συνάντ/	General public, CH professionals & researchers	English
01/08/2023	RDF	https://rdf.bg/research-list/4ch/	Other (e.g. investors, customers), Public with special needs	English
21/09/2023	ICCU	https://www.iccu.sbn.it/it/eventi-novita/novita/Dialogo-sulla-tutela-del-patrimonio.-Esperienze-e-conoscenze-per-la-creazione-di-un-centro-di-competenza-nazionale-il-progetto-4CH/	CH professionals & researchers	Italian
27/09/2023	ICCU	https://www.culturaitalia.it/blog/2023/10/27/sondaggio-4ch/	General public, CH professionals & researchers	Italian
01/10/2023	MICHAEL	http://www.michael-culture.eu/	General public, CH professionals & researchers	English
11/10/2023	CyI	https://apaclabs.cyi.ac.cy/news/4CH-interview-antigoni-michael/	General public, CH professionals & researchers	English
17/10/2023	ATHENA RC	http://www.dcu.gr/el/ερωτηματολόγιο-για-τις-ανάγκες-χρηστ/	General public, CH professionals & researchers	Greek

Date (approx.)	Partner	URL	Target audience	Language
17/10/2023	ATHENA RC	http://www.dcu.gr/en/ερωτηματολόγιο-για-τις-ανάγκες-χρηστ/	General public, CH professionals & researchers	English
01/11/2023	INP	https://cimec.ro/4ch-competence-centre-for-the-conservation-of-cultural-heritage/	General public, CH professionals & researchers	Romanian

Appendix B - Newsletters with articles and items mentioning project

Issue date	Partner	Newsletter name	Language	Subscribers	Target audience
01/07/2022	CARARE	CARARE newsletter	English	CARARE members	CH professionals & researchers
01/07/2022	ICCU	ICCU newsletter	Italian	ICCU ML subscribers	CH professionals & researchers, General public
01/07/2022	MICHAEL	Michael Culture Newsletter	English	MCA members and partners	CH professionals & researchers
01/09/2022	ICCU	ICCU newsletter	Italian	ICCU ML subscribers	CH professionals & researchers, General public
01/09/2022	MICHAEL	Michael Culture Newsletter	English	MCA members and partners	CH professionals & researchers
09/11/2022	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
14/11/2022	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
20/12/2022	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
31/01/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
01/04/2023	ICCU	ICCU newsletter	Italian	ICCU ML subscribers	CH professionals & researchers, General public
24/04/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
28/04/2023	MICHAEL	Michael Culture Newsletter	English	MCA members and partners	CH professionals & researchers
01/05/2023	CARARE	CARARE newsletter	English	CARARE members	CH professionals & researchers

Issue date	Partner	Newsletter name	Language	Subscribers	Target audience
05/05/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
28/05/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
01/06/2023	KNAW	DANS Data Link	English	DANS ML subscribers	CH professionals & researchers, Policy makers
01/06/2023	CARARE	CARARE newsletter	English	CARARE members	CH professionals & researchers
08/06/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
01/07/2023	CARARE	CARARE newsletter	English	CARARE members	CH professionals & researchers
21/07/2023	MICHAEL	Michael Culture Newsletter	English	MCA members and partners	CH professionals & researchers
04/08/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
07/08/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
08/08/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
16/08/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
31/08/2023	ICCU	ICCU newsletter	Italian	ICCU ML subscribers	CH professionals & researchers, General public
06/09/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
20/09/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
21/09/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
28/09/2023	ICCU	ICCU newsletter	Italian	ICCU ML subscribers	CH professionals & researchers, General public
29/09/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
01/10/2023	CARARE	CARARE newsletter	English	CARARE members	CH professionals & researchers

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Issue date	Partner	Newsletter name	Language	Subscribers	Target audience
09/10/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
12/10/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
15/10/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
17/10/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
23/10/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
24/10/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
26/10/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
30/10/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
30/10/2023	ICCU	ICCU newsletter	Italian	ICCU ML subscribers	CH professionals & researchers, General public
01/11/2023	CARARE	CARARE newsletter	English	CARARE members	CH professionals & researchers
01/11/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)
09/11/2023	RDF	Customer information	English	RDF customers	Other (e.g. investors, customers)

Appendix C – Social media

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
05/07/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2072842532895042
05/07/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Cfn4Os_oBMl/
05/07/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1544336768664829952
07/07/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2074347082744587
07/07/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CftBzuML1Be/
07/07/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1545023052416782338
12/07/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2078957048950257

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
12/07/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Cf6lAWfK0zd/
12/07/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1546872533093425153
14/07/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2080401835472445
14/07/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Cf_hUOggePe/
14/07/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1547618382463152131
19/07/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2089280874584541
19/07/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CgL7IePsPIS/
21/07/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2085582964954332
21/07/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CgRo7ELKw5L/

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
25/07/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1551565875144265728
26/07/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2088953844617244
26/07/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Cgd8rKZq6Vt/
28/07/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2089811197864842
28/07/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CgjGjEbLWFA/
01/08/2022	ICCU	ICCU	Facebook	9694	Italian	General public, CH professionals & researchers	https://www.facebook.com/iccu2/posts/pfbid09kCzyfTNCdBsfn9bwwhpoBMGAwJk1dxu8UQKMMkaMZ61qvSg3mNktLkkkWRzxJynl?__tn__=-R
01/08/2022	ICCU	ICCU	Twitter	1106	Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/status/15541197755546173466

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
02/08/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/ prisma.associazione.culturale/ posts/2094022954110333
02/08/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/ Cgv86k8sxVo/
10/08/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/ status/1557335559063965698
23/08/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/ prisma.associazione.culturale/ posts/2108374362675192
23/08/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/ ChmDKJBKz-M/
25/08/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/ prisma.associazione.culturale/ posts/2108378076008154
25/08/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/ ChrMvKWKTQV/
25/08/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/ status/1562720429420466181

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
29/08/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2114338265412135
29/08/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Ch14hxlqd9t/
01/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2115853388593956
01/09/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Ch9eppfqPl1/
01/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1565326501125423104
06/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2119773018201993
06/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1567191066331254784
09/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/2121221784723783

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
09/09/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CiR03GyKWkv/
13/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://facebook.com/prisma.associazione.culturale/posts/172836591961245
13/09/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CicPE0iKYLj/
15/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/173674008544170
15/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1570335050108903425
17/09/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Cimq951oCXI/
19/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/174103455167892
19/09/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CiryZjuoXC0/
19/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1571941003627470849

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
21/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/174103788501192
21/09/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CiwuQHwv8Wf/
23/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/174104055167832
23/09/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Ci133c8qSwm/
26/09/2022	ICCU	ICCU	Facebook	9694	Italian	General public, CH professionals & researchers	https://www.facebook.com/iccu2/posts/pfbid0312fubqMC5McckufE3GtgtvwMToioV3SYSSzJbTSj9rPAsR7fE9urFRcTzgRbmUN4il
26/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/174104305167807
26/09/2022	CyI	apac_labs	Instagram	20	English	General public, CH professionals & researchers	https://www.instagram.com/p/Ci-CpdOKMDy/

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
26/09/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Ci9mKwIM4Gh/
26/09/2022	ICCU	ICCU	Twitter	1106	Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/status/15541197755546173466
26/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1574281211576717316
26/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1574282009517740032
28/09/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/175904388321132
28/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1575112153081577472
29/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1575374801711013888
30/09/2022	CyI	Apac_Labs	Instagram	21	English	General public, CH professionals & researchers	https://www.instagram.com/p/CjDJSJBoTxC/

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
30/09/2022	CyI	Apac_Labs	Instagram	20	English	General public, CH professionals & researchers	https://www.instagram.com/p/CjIiKBqKahS/
30/09/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1575728790814457856
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576130187879911424
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576132813069262850
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576139384361218048
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576141594214174720
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576143050266791936
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576145373760204800
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576152872021917696
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576153889354571777

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
01/10/2022	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1576158709956612099
25/10/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid0VKMCbsJKYaCct5SETEX7a767ZbBP52sroWfhGRpmmU5zPHbvVxFMH17V5nCkphvkl
25/10/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CkIO3Hzo94c/
28/10/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid0hEgrjLYN29NJPhuVNiNyxDpfrW1Qgoga728EEszDeUKF6ou49L2Lg8Tt5CezvhGl
28/10/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CkQDSd7udqc/

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
04/11/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid04MfCi4tmEuAT4WF6ad6zgUfGdZBfJYWDWAUnDJhsiMiigkwCv24Tz7W17HGpCFqYl
04/11/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CkiQvaGonZD/
08/11/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid0ciDYsk9HFX3rw5C5iGVWuuRbrmeUDdgp9sMZNTVQZYTCSCf4DcDhWcKqTqE8uf6tl
08/11/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Cks8fh7oJ1R/

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
10/11/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid0tD8EjuNEfKG3sxBRf3JwSYufjqWc68jw769M44duNRysNsMGpmx325TNYJbwavEyl
10/11/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CkyGq4Eo71M/
15/11/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid0ouFctCXtZ46KcLKDeGafHhMSFGNwdVSyhX6WRfqccgePiEFpoCmxs485FRDb5p76l
15/11/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Ck-wJgIocZm/
15/11/2022	MICHAEL	Michael Culture	Twitter	400 followers	English	General public, CH professionals & researchers	https://twitter.com/MCA_EU/status/1592574531683909632

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
17/11/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid02P29d2vZoeP3ZPXKJoL95ivpw4SX1fcKoENUncURm8SpWpihLxgtMnWQRLWLmJ9xFl
17/11/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/ClESIJJoOjv/
22/11/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid0V3qkF68KiTeygwwNppBSaJU9Cvbm99ZpfpEA8B5nhnmTXWHmpX2nsHjUdjgGs3Jnl
22/11/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/ClRPCNloLLj/

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
25/11/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid0281JpYrJvpwG3DPTCzx6TtiN7JFgZZAvDqhzFVenWXRTCNPsrBEA3qJCo3VSnUEjGl
25/11/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/ClYuD83IMW6/
29/11/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid02dWxXFGGfAN82QuXkMLVv3aKCzUyVy3dGNjmD9Vj8VEMy3KSshuaUtt6NFg9ASqnsl
29/11/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CliwKwSogaY/

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
01/12/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid0ouUHec3SQgDCTJPRTjCyACUxUEkbymGREvxxv9jDhMoTKYq5169ezeyAAevNxUUfl
01/12/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/CloXtWKIHl1/
06/12/2022	PRISMA	Prisma	Facebook	683 followers	Italian	General public	https://www.facebook.com/prisma.associazione.culturale/posts/pfbid02uDSdguViymVCKPZRhRDMkhGjm2qegHnRz3AcJ42jpWMDN7Kb6NTRuSPLRDQsp4hkl
06/12/2022	PRISMA	Prisma	Instagram	331 followers	Italian	General public	https://www.instagram.com/p/Cl0uD_BIRB1/
17/01/2023	Cyl	Apac_Labs	Instagram	23	English	General public, CH professionals & researchers	https://www.instagram.com/p/CnhPI4AohNP/?igshid=YmMyMTA2M2Y=

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
30/01/2023	CyI	Apac_Labs	Instagram	35	English	General public, CH professionals & researchers	https://www.instagram.com/p/CoC3sVNI8Aj/?igshid=YmMyMTA2M2Y=
22/02/2023	PRISMA	Prisma	Twitter	103 followers	Italian	General public	https://twitter.com/prismacultura/status/1628425222738116608
18/04/2023	MICHAEL	Michael Culture	Twitter	527 followers	English	General public, CH professionals & researchers	https://twitter.com/MCA_EU/status/1648244431844261888
20/04/2023	CyI	Apac_Labs	Instagram	237	English	General public, CH professionals & researchers	https://www.instagram.com/p/CrQhn1go5s0/
21/04/2023	CyI	The Cyprus Institute	Facebook	8593	English	General public, CH professionals & researchers	https://www.facebook.com/CyprusInstitute/posts/620003483479062
21/04/2023	CyI	The Cyprus Institute	LinkedIn	6653	English	General public, CH professionals & researchers	https://www.linkedin.com/feed/update/urn:li:activity:7055152231695720448?utm_source=share&utm_medium=member_desktop

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
21/04/2023	CyI	The Cyprus Institute	Twitter	2402	English	General public, CH professionals & researchers	https://twitter.com/CyprusInstitute/status/1649387711671697412/photo/4
01/05/2023	KNAW	Announcement of Workshop June 29 on Management of 3D datasets in NL	LinkedIn		English	Policy makers	https://www.linkedin.com/posts/dans_data-research-datamanagement-activity-7065227085346131968-x6-u?utm_source=share&utm_medium=member_desktop
01/05/2023	KNAW	Announcement of Workshop June 29 on Management of 3D datasets in NL	Twitter		English	Policy makers	https://twitter.com/DANS_knaw_nwo/status/1659462895309029376?s=20

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
03/05/2023	MICHAEL	Michael Culture	Twitter	545 followers	English	General public, CH professionals & researchers	https://twitter.com/MCA_EU/status/1653699530007650305
23/05/2023	ICCU	ICCU	Facebook		Italian	General public, CH professionals & researchers	https://www.facebook.com/iccu2/posts/pfbid036RogFxtZANe2zwqoC43kKgYkXW2yL1hgLzLNQukDXrp3wyfPmDpRBjL9W9nSDffJl?__tn__=-R
23/05/2023	ICCU	ICCU	Twitter		Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/status/1660976368144752642
29/05/2023	ATHENA RC	Digital Curation Unit, "Athena" Research Centre	Facebook	1066	Greek	General public	https://www.facebook.com/story.php?story_fbid=pfbid02PCrYbS1RW8m98FGVMbroUw696MVSME3vx3P6BgV9YsSaUtUmW7XRUcX4mqvdkkNhl&id=100054879564549

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
01/06/2023	VD	Visual Dimension	Twitter	844/4	English	General public	https://twitter.com/ DanielPletinckx/status/ 1664263640856530944
01/06/2023	VD	Visual Dimension	Twitter	844/1	English	General public	https://twitter.com/ DanielPletinckx/status/ 1664321651545194515
02/06/2023	VD	Visual Dimension	Twitter	844/3	English	General public	https://twitter.com/ DanielPletinckx/status/ 1664677264452120576
02/06/2023	VD	Visual Dimension	Twitter	844/6	English	General public	https://twitter.com/ DanielPletinckx/status/ 1664683125757050917
02/06/2023	VD	Time Machine	Twitter	3713/6	English	General public	https://twitter.com/ TimeMachineEU/status/ 1664638756324868096
27/06/2023	PRISMA	Prisma	Twitter	108 followers	Italian	General public	https://twitter.com/prismacultura/ status/1673790560413335555
28/06/2023	INFN	INFN CHNet	Facebook	1.9 k followers	Italian, English	General public, CH professionals & researchers	_

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
28/06/2023	INFN	INFN CHNet	Instagram	1.0 k followers	Italian, English	General public, CH professionals & researchers	_
05/07/2023	ICCU	ICCU	Twitter	1153	Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/status/1676601477501009926
14/09/2023	INFN	INFN CHNet	Facebook	1.9 k followers	Italian, English	General public, CH professionals & researchers	_
14/09/2023	INFN	INFN CHNet	Instagram	1.0 k followers	Italian, English	General public, CH professionals & researchers	_
21/09/2023	ICCU	ICCU	Facebook	Like: 9948 Follower: 10,973	Italian	General public, CH professionals & researchers	https://www.facebook.com/iccu2/posts/pfbid024yM4VWU8QpSeGsKXTaeZ4rdTuCMMkEs3XTFa7tX4wWXMCdWZpqCsb7EyDHz2koxZl

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
25/09/2023	ICCU	ICCU	Twitter		Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/status/1706232921269367240?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Etweet
25/09/2023	ICCU	ICCU	Twitter	1153	Italian	General public, CH professionals & researchers	https://twitter.com/4chProject/status/1706301803640287741
26/09/2023	ICCU	ICCU	Facebook	Like 9946 Follower: 10,971	Italian	General public, CH professionals & researchers	https://www.facebook.com/iccu2/posts/pfbid02JdzZTEhGg8Z7SAT959h6jHME1wqy57beEruRKCHh9WAf4V7gxZ448bDCayvNZpPhl
26/09/2023	ICCU	ICCU	Twitter	1153	Italian	General public, CH professionals & researchers	https://twitter.com/TimeMachineEU/status/1706622534156738911
03/10/2023	ICCU	ICCU	Facebook	Like 9946 Follower: 10,971	Italian	General public, CH professionals & researchers	https://www.facebook.com/iccu2/posts/pfbid0HsmJKcZoxg2B4Lw1Cj4dC7q76oSx6CiQi2CYv6piB7yEExqEinfUU1eLAa3h41NCl

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Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
03/10/2023	ICCU	ICCU	Twitter		Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/status/1709218412121981165?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Etweet
03/10/2023	ICCU	ICCU	Twitter	1153	Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/status/1709218412121981165
04/10/2023	INFN	INFN CHNet	Facebook	1.9 k followers	Italian, English	General public, CH professionals & researchers	_
04/10/2023	INFN	INFN CHNet	Instagram	1.0 k followers	Italian, English	General public, CH professionals & researchers	_
04/10/2023	MICHAEL	Michael Culture	Twitter	642 followers 9 likes /4 retweet	English	General public, CH professionals & researchers	https://twitter.com/4chProject/status/1709518125660512447

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
13/10/2023	CyI	STARC - Science and Technology in Archaeology and Culture Research Center	Facebook	1466	English	General public, CH professionals & researchers	https://www.facebook.com/ STARC.CYI/posts/ 818410746951558
13/10/2023	CyI	APAC_Labs	Instagram	276	English	General public, CH professionals & researchers	https://www.instagram.com/ stories/apac_labs/ 3212537150305614139/
15/10/2023	PRISMA	Prisma	Twitter	108 followers	Italian	General public	https://twitter.com/prismacultura/ status/1713447171888926973
16/10/2023	ICCU	ICCU	Facebook	Like: 9946 Followers: 10,971	Italian	General public, CH professionals & researchers	https://www.facebook.com/ iccu2/posts/ pfbid0tFcYBimBCfmq9hgPWRzN BRrtFhM2SDQkXcUEthck8Mp7D HTJJsUEptpkWqVEsro8l
16/10/2023	ICCU	ICCU	Twitter	1153	Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/ status/ 1713905949126091118

Date (approx..)	Partner	Page name	Channel	Followers / Likes	Language	Target Audience	URL
20/10/2023	INFN	INFN CHNet	Facebook	1.9k followers	Italian, English	General public, CH professionals & researchers	
20/10/2023	INFN	INFN CHNet	Instagram	1.0 k followers	Italian, English	General public, CH professionals & researchers	
26/10/2023	ICCU	ICCU	Twitter	1153	Italian	General public, CH professionals & researchers	https://twitter.com/iccu2/status/1717481995125587968
27/10/2023	ICCU	ICCU	Facebook	Like: 9962 Followers 10,985	Italian	General public, CH professionals & researchers	https://www.facebook.com/iccu2/posts/pfbid0s7fsrbc8mTVdY4ijUNAYc5pC7LKfgFBNYWEA5Sje26v7u7wCVzM7mp1bdYv9mYx6l
30/11/2023	INP	Direcția Patrimoniu Digital - cIMeC	Facebook	Followers: 6,4k	Romanian	General public, CH professionals & researchers	to be uploaded

Appendix D – Publications

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
01/07/2022	FORTH	Published	Article in journal	CIDOC-CRM and Machine Learning: A Survey and Future Research	https://doi.org/10.3390/heritage5030084	Tzitzikas, Yannis, Michalis Mountantonakis, Pavlos Fafalios, and Yannis Marketaki	Heritage MDPI	MDPI
29/07/2022	PIN - CyI	Published	Article in journal	Populating the Data Space for Cultural Heritage with Heritage Digital Twins	https://doi.org/10.3390/data7080105	Franco Niccolucci, Achille Felicetti, Sorin Hermon	Data	MDPI

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
22/08/2022	PIN	Published	Article in journal	4CH: un progetto per sviluppare le applicazioni e le competenze digitali per la gestione del patrimonio culturale	https:// doi.org/ 10.36181/ digitalia-00045 / 1972-621X	Franco Niccolucci	Digitalia	Istituto Centrale per il Catalogo Unico delle biblioteche italiane e per le informazioni bibliografiche (ICCU)
01/09/2022	INCEPT ION S.R.L	Published	Publication in conference proceeding/ workshop	ICT and digital technologies. The new European Competence Centre for the preservation and conservation of Cultural Heritage	186-50929	Emanuele Piaia, Federica Maietti, Roberto Di Giulio and Ernesto Iadanza	Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage	Springer Nature

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
01/10/2022	FORTH	Published	Publication in conference proceeding/ workshop	Demonstration of LODChain: How to Tackle the Problem of Low Connectivity for your RDF Dataset		Michalis Mountantonakis and Yannis Tzitzikas	Proceedings of ISWC conference - Poster & Demos Track	CEUR-WS
16/10/2022	FORTH	Published	Publication in conference proceeding/ workshop	LODChain: Strengthen the Connectivity of your RDF Dataset to the Rest LOD Cloud	https:// doi.org/ 10.1007/9 78-3-031- 19433- 7_31	Michalis Mountantonakis and Yannis Tzitzikas	Proceedings of ISWC conference	Springer

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
24/11/2022	FORTH	Published	Publication in conference proceeding/ workshop	How your Cultural Dataset is Connected to the Rest Linked Open Data?	https:// doi.org/ 10.1007/9 78-3-031- 20253- 7_12	Michalis Mountantonakis, Yannis Tzitzikas	Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage, Communications in Computer and Information Science	Springer Nature
03/02/2023	UNIBO	Published	Article in journal	Il Progetto 4CH per un Centro di Competenza per la Conservazione del Patrimonio Culturale: nuove tecnologie a supporto della tutela	https:// doi.org/ 10.36253/ rar-14320 / 1724- 9686 (print) - 2465-2377 (online)	Giulia Favaretto, Danila Longo, Serena Orlandi, Rossella Roversi, Beatrice Turillazzi	Restauro Archeologico (RA)	Firenze University Press

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
01/03/2023	CyI	Published	Chapter in books	Integrated Multidisciplinary Approach for Restoration and Valorisation. The Convent of St. Anthony of Padua in Extremadura, Spain	9,78887E +12	Vassallo Valentina, Miele Virginia & Alorabi Taha	Parrinello S. & De Marco R. (Eds.), Digital Strategies for Endangered Cultural Heritage. Forthcoming Interspecies: Handbook of Research on Strategies and Creative Interdisciplinarity for the Digitization and Safeguard of Endangered Heritage	Pavia University Press

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
01/03/2023	CyI	In print	Publication in conference proceedings/workshop	An Integrated Multidisciplinary Approach for Restoration and Valorisation. The Case Study of the Convent of St. Anthony of Padua in the Region of Extremadura, Spain		Vassallo V., Miele V., Alorabi T.	Digital Strategies for Endangered Cultural Heritage. Forthcoming Interspecies	
01/03/2023	FORTH	Published	Publication in conference proceedings/workshop	RDF-ANALYTICS: Interactive Analytics over RDF Knowledge Graphs	http://dx.doi.org/10.48786/edbt.2023.70	Maria-Evangelia Papadaki and Yannis Tzitzikas	Published in Proceedings of EDBT conference	Open Proceedings

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
01/03/2023	FORTH	Approved with reservations	Article in journal	The Heritage Digital Twin: a bicycle made for two. The integration of digital methodologies into cultural heritage research	https:// open- research- europe.ec. europa.eu/ articles/3-64	F. Niccolucci, B. Markoff, M. Theodoridou, A. Felicetti	ORE	ORE
28/04/2023	PIN, UNITOURS, FORTH, CYI	Published	Article in journal	The Heritage Digital Twin: a bicycle made for two. The integration of digital methodologies into cultural heritage research	https:// doi.org/ 10.12688/ openreseu rope.1549 6.1	Franco Niccolucci, Béatrice Markhoff, Maria Theodoridou, Achille Felicetti, Sorin Hermon	Open Research Europe	European Commission

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Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
28/04/2023	PIN, UNITOURS, FORTH, CYI	Published	Article in journal	The Heritage Digital Twin: a bicycle made for two. The integration of digital methodologies into cultural heritage research	https://doi.org/10.12688/openresearope.15496.1	Franco Niccolucci, Béatrice Markhoff, Maria Theodoridou, Achille Felicetti, Sorin Hermon	Open Research Europe	European Commission
30/05/2023	UNIBO	Published	Article in journal	The 4CH project and the enabling technologies in Cultural Heritage safeguarding	https://doi.org/10.36253/techne-13711 / 2239-0243	Andrea Boeri, Beatrice Turillazzi, Rossella Roversi and Serena Orlandi	TECHNE	Firenze University press

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
01/06/2023	CyI	In preparation	Article in journal	Mapping all kinds of risks in Cultural Heritage. Towards a nomenclature of risks in Cultural Heritage		Nunziata L., Vassallo V., Hermon S.	Journal of Cultural Heritage	
15/06/23	PIN	Published	Publication in conference proceedings/workshop	Gemelli digitali e gestione dei dati del patrimonio culturale	10.26314/ GARR-Conf23-proceedings-10	Franco Niccolucci, Achille Felicetti	Published in Proceedings of GARR 2023	
01/09/2023	FORTH	Published	Publication in conference proceedings/workshop	Evaluating a Radius-based Pipeline for Question Answering over Cultural (CIDOC-CRM based) Knowledge Graphs	https:// doi.org/ 10.1145/3 603163.36 09067	Nikos Gounakis, Michalis Mountantonakis and Yannis Tzitzikas	Published in Proceedings of ACM Hypertext 2023	ACM

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Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
01/11/2023	FORTH	Published	Publication in conference proceedings/workshop	Why We Need Ontology-Specific Data Portals: A Case Study for CIDOC-CRM		Michalis Mountantonakis, Ioannis Theocharakis and Yannis Tzitzikas	Proceedings of SWODCH 2023 Workshop	
01/11/2023	FORTH	Published	Publication in conference proceedings/workshop	Real-Time Validation of ChatGPT facts using RDF Knowledge Graphs		Michalis Mountantonakis and Yannis Tzitzikas	Proceedings of ISWC conference - Poster & Demos Track	CEUR-WS
31/12/2023	UNIBO	Accepted	Chapter in book	Villa Muggia a Imola: modellazione e digitalizzazione delle informazioni di «una rovina del moderno»		Roberto Di Giulio, Giulia Favaretto, Danila Longo, Marco Medici, Marco Pretelli, Andrea Ugolini	Restauro dell'architettura. Per un progetto di qualità	Edizioni Quasar

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
31/12/2023	UNIBO	Accepted	Article in journal	Abilità tradizionali ed emergenti per un Centro di Competenza per la Conservazione del Patrimonio Culturale	2283-7558	Giulia Favaretto, Danila Longo, Serena Orlandi, Rossella Roversi, Leila Signorelli, Beatrice Turillazzi	Recupero e Conservazione_ magazine	Editrice rec
31/12/2023	INCEPT ION S.R.L	Ongoing	Publication in conference proceeding s/workshop	DIGITAL TRANSITION STRATEGIES FOR ARCHITECTURA L HERITAGE		Roberto Di Giulio	ETHICS (provisional)	Springer

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Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
31/01/2024	UNIBO	Accepted	Publication in conference proceedings/workshop	Verso un Centro di Competenza Europeo per la Conservazione del Patrimonio Culturale: il Progetto 4CH		Danila Longo, Beatrice Turillazzi, Leila Signorelli, Giulia Favaretto	Patrimonio dell'Umanità. 50 anni dalla Convenzione UNESCO: riflessioni nei Campus dell'Alma Mater Studiorum	AlmaDL
31/01/2024	UNIBO	Accepted	Publication in conference proceedings/workshop	Dagli aspetti strutturali e giuridici al funzionamento organizzativo: il progetto 4CH per la formazione di un Centro di Competenza per la Conservazione del Patrimonio Culturale		Andrea Boeri, Danila Longo, Serena Orlandi, Marco Pretelli, Rossella Roversi, Beatrice Turillazzi	Patrimonio dell'Umanità. 50 anni dalla Convenzione UNESCO: riflessioni nei Campus dell'Alma Mater Studiorum	AlmaDL

Date (approx..)	Partner	Status	Type	Title	DOI/ ISSN/ eSSN	Author	Journal	Publisher
31/01/2024	CyI	Under review	Publication in conference proceedings/workshop	The Digital Documentation of the Shatby Necropolis in Alexandria		Athanasios Koutoupas, Rahaf Orabi, Nikolas Loukas, Nikolas Bakirtzis, Sorin Hermon	Proceedings of the International conference "Alexandria and Hellenism in Northern Egypt"	The Archaeological Society of Alexandria

Appendix E - Participation in External Events

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
11/07/2022	UNI-TOURS	[Carto4CH] RDV avec Arnaud Gingold	UNI-TOURS	https://pad.lescommuns.org/4CH-Entretien-Arnaud-Gingold-11-07-2022#		online	
12/07/2022	UNI-TOURS	[Carto4CH] RDV avec Bruno Morandière	UNI-TOURS	https://pad.lescommuns.org/4CH-Entretien-Bruno-Morandiere-12-07-2022#		online	
19/07/2022	UNI-TOURS	RDV avec Olivier Malavergne et Anaïs Guillem	UNI-TOURS	https://pad.lescommuns.org/4CH-Entretien-Olivier-Malavergne-19-07-2022#		online	
05/09/2022	UNI-TOURS	SWODCH 2022 Semantic Web and Ontology Design for Cultural Heritage		https://swodch2022.inf.unibz.it/	Heritage Digital Twin	online	20

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Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
09/09/2022	KNAW	Regionale archieven/ NDE bijeenkomst	NDE	https://wegwijzerduurzaamheidsbeleid.nl/		online	20
13/09/2022	TECNALIA	Rehabend -Euro-American Congress REHABEND 2022 on Construction Pathology, Rehabilitation Technology and Heritage Management	University of Cantabria				
15/09/2022	PRISMA	Workshop Enti Culturali	PRISMA with Pinacoteca di Brera	https://www.4ch-project.eu/cultural-institutions-workshop/	Moderator	Milan, Italy	49
22/09/2022	KNAW	CARARE 2022 Annual Conference: Connecting	CARARE	https://www.carare.eu/en/events/carare-2022-connecting/		The Hague	20
22/09/2022	MCA	Presentation of 4CH to the Ecole française d'Athènes		https://www.efa.gr			10

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
30/09/2022	INFN	Tourisma 2022	Archeologia viva	https://www.tourisma.it/wp-content/uploads/2022/09/4CH.pdf	4CH: prospettive e strategie per il Centro di Competenza Italiano	Florence, Italy	21
30/09/2022	PRISMA	tourismA, Salone Archeologia e Turismo Culturale	Archeologia Viva by Giunti editor	https://www.tourisma.it/espositori-2022/		Florence, Italy	10.000
30/09/2022	UNIBO	Progetto Society Ripensaci Notte Europea dei Ricercatori 2022	University of Bologna	https://nottedeiricercatori-society.eu/	Il Progetto 4CH Centro di Competenza per la Conservazione del Patrimonio Culturale	Bologna (IT)	200
01/10/2022	INFN, PRISMA	Tourisma 2022	Archeologia viva	https://www.eventbrite.it/e/biglietti-enti-culturali-e-centro-di-competenza-415909896697	Enti culturali e Centro di Competenza: il progetto europeo 4CH raccoglie le best-practice		38

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Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
07/10/2022	INFN	Inaugurazione fieldwork della International School of Cultural Heritage 2022	Fondazione Scuola dei Beni e delle Attività Culturali	https://www.fondazionescuolapatrimonio.it/incontro-e-confronto-sugli-strumenti-e-le-metodologie-tecnologico-digitali-in-archeologia/	Status report of Ukraine CH at the event of ISCH at MIC Foundation. Online presentation by Milena Chorna (from Kiev) and Vasyl Rozhko (from Lviv), introduction by Francesco Taccetti	online event	40
10/10/2022	UNI-TOURS	[Carto4CH] Visio 4CH / Charter	UNI-TOURS	https://pad.lescommuns.org/4CH-Entretien-Claire-Giraud-Labatre-10-10-2022#		online	
13/10/2022	INFN	8th meeting of the European Commission Expert Group on Cultural Heritage	European Commission Expert Group on Cultural Heritage	https://ec.europa.eu/transparency/expert-groups-register/screen/meetings/consult?lang=en&meetingId=45720&fromExpertGroups=true	4CH, the European Competence Centre on the Conservation of Cultural Heritage Save the Ukrainian Monuments	Brussels	70

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
25/10/2022	FORTH	The 21st International Semantic Web Conference	Semantic Web Science Association	https://iswc2023.semanticweb.org/	LODChain: Strengthen the Connectivity of your RDF Dataset to the Rest LOD Cloud	Online	70
04/11/2022	UNIBO	Strategic seminar on thematic aspects of Environmental Accessibility	Italian Society of Technology		Digitization of Cultural Heritage as opportunity for improving accessibility	Lucca (IT)	40
16/11/2022	KNAW	EOSC-PID Policy - Measuring Compliance	EOSC	https://symposium22.eoscfuture.eu/symposium/eosc-pid-policy-and-faircore4eosc-measuring-compliance/		Prague and online	20
18/11/2022	UNIBO	1972-2022. World Heritage in transition. About management, protection and sustainability	University of Florence, Department of Architecture	https://www.dida.unifi.it/p856.html	Il Progetto 4CH per un Centro di Competenza per la Conservazione del Patrimonio Culturale: nuove tecnologie a supporto della tutela	Florence (IT)	50

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
28/11/2022	UNI-TOURS	Journées Ontologies et Web sémantique	MSH Val de Loire		Présentation de carto4CH	Tours (France)	20
30/11/2022	INCEPTION S.R.L	I progetti di digitalizzazione della documentazione tecnica con uno sguardo al PND e alle linee guida per la digitalizzazione	Fondazione 1563 per l'Arte e la Cultura_Torino		Accessibilità e interoperabilità delle risorse culturali digitalizzate	On-line	
01/12/2022	TECNALIA	Forum Museum of UA Victory			Competence Centre on the Conservation of Cultural Heritage (4CH)	Ukraine / online	

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Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
02/12/2022	UNIBO	Patrimonio dell'Umanità. 50 anni dalla Convenzione UNESCO: prospettive e riflessioni nei Campus dell'Alma Mater Studiorum - Università di Bologna. L'impatto della Convenzione UNESCO del 1972 sui sistemi giuridici nazionali ed internazionale e il rapporto con l'Unione europea	Alma Mater Studiorum University of Bologna	https://site.unibo.it/universita-per-unesco/it/agenda/impatto-convenzione-unesco	Dagli aspetti strutturali e giuridici al funzionamento organizzativo: il progetto 4CH per la formazione di un Centro di Competenza per la Conservazione del Patrimonio Culturale	Bologna (IT)	40

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Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
06/12/2022	UNIBO	Patrimonio dell'Umanità. 50 anni dalla Convenzione UNESCO: prospettive e riflessioni nei Campus dell'Alma Mater Studiorum - Università di Bologna. Itinerari nella conservazione e nel restauro	Alma Mater Studiorum University of Bologna	https://site.unibo.it/universita-per-unesco/it/agenda/itinerari-conservazione-restauro	Verso un Centro di Competenza Europeo per la Conservazione del Patrimonio Culturale: Il Progetto 4CH	Ravenna (IT)	35
14/12/2022	UNI-TOURS	Journées du consortium 3D pour les SHS	Huma-Num Consortium 3D SHS	https://jc3dshs2022.sciencesconf.org/program	Projet européen 4CH	Nantes (France)	50
16/02/2023	VD	XR Factory	XR4Heritage	https://xr4heritage.com/the-factory-2023-2/	Where the Future meets the Past	Ghent	50
17/02/2023	VD	XR Factory	XR4Heritage	https://xr4heritage.com/the-factory-2023-2/		Brussels	600

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
09/03/2023	TECNALIA	Advisory and Scientific Board Meeting conference in Paris on March the 9th 2023.	Alliance for Research on Cultural Heritage in Europe		Round Table JPI CH Advisory and Scientific Board	Paris	
22/03/2023	INCEPTION S.R.L	3rd International Conference TMM-CH Transdisciplinary Multispectral Modelling and Cooperation for the Preservation of Cultural Heritage	National Technical University of Athens	https://www.tmm-ch.com/	New European Bauhaus initiative for Green Deal addressing energy challenges	Athens, Greece	
28/03/2023	FORTH	EDBT/ICDT 2023 Joint Conference	EDBT/ICDT community	http://edbticdt2023.cs.uoi.gr/	RDF-ANALYTICS: Interactive Analytics over RDF Knowledge Graphs	Ioannina, Greece	70
29/03/2023	INCEPTION S.R.L, PIN, UNIBO	Giornate del restauro e del patrimonio culturale	INCEPTION, Università degli Studi di Ferrara	https://www.unife.it/it/notizie/2023/vita-universitaria/29-marzo-4hc.pdf	4CH	Competence Centre for the Conservation of Cultural Heritage	Ferrara, Italy	30

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
18/04/2023	CyI	Tracing History at the Monastery of St. John Lampadistis: Sharing APAC / STARC Research at Kalopanagiotis	The Cyprus Institute		Tracing History at the Monastery of St. John Lampadistis: Sharing APAC / STARC Research at Kalopanagiotis	Kalopana yiotis (Cyprus)	ca. 100
19/04/2023	UNIBO	Una Europa_Workshop Digital and virtual technologies for urban peripheries and their heritage	University of Bologna			Blended: Bologna (IT) / Online	40
21/04/2023	TECNA LIA	Smart Heritage La Habana	Historian Office of La Habana-Tecnalia		Examples of Smart Digital Heritage in Europe, 4CH as best preactice	La Habana - Cuba	40

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
23/04/2023	KNAW	'Accelerating 3D in the common European data space for cultural heritage: Why 3D matters'	Europeana	https://pro.europeana.eu/files/Europeana_Professional/Event_documentation/Events/Presidency/Swedish-Presidency-2023-Digital-Programme-public.pdf		online	
09/05/2023	PIN	56th CIDOC CRM & 49th FRBR/LRMoo CRM	FORTH	https://www.cidoc-crm.org/Meeting/56th-cidoc-crm-49th-frbrlrmoo-crm	CRMtex Updates	Heraklion, Crete	
10/05/2023	VD	Digital Twin Flanders	Tourism Flanders		Digital Twin Flanders – de rol van erfgoed	Leuven	50
22/05/2023	UNIBO	Europa e patrimonio culturale. Acessibilità, tutela e valorizzazione.	Rotary Club di Bologna - Valle del Savena		Europa e patrimonio culturale. Accessibilità, tutela e valorizzazione	Bologna (IT)	60

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Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
06/06/2023	ATHENA RC	DARIAH ANNUAL EVENT 2023: Cultural Heritage Data as Humanities Research Data?	DARIAH EU	https://www.dariah.eu/2023/07/07/recap-of-the-annual-event-2023-cultural-heritage-data-as-humanities-research-data/	Working with Flow: Workflows for Accessing 4CH Services	Budapest, Hungary	200
12/06/2023	CARARE	Digital Skills in Visual and Material Culture	University of Brighton	https://culturedigitalskills.org/workshops/workshop-june/	Step by step – developing a training hub and a framework for training in digital skills	London	50
13/06/2023	VD	Digital Twin Flanders	Tourism Flanders			Brussels	30
14/06/2023	PIN	GARR Conference 2023	GARR	https://www.garr.it/it/news-e-eventi/eventi/event/470-garr-conference-2023	I "gemelli digitali" nella digitalizzazione del patrimonio culturale	Florence, Italy	

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
15/06/2023	INFN	GARR Conference 2023	GARR	https:// www.eventi.garr.it/it/ conf23/programma/ blog/1090-alessandro-bombini	UN'INFRASTRUTTURA ORIENTATA AL CLOUD DEL CENTRO DI COMPETENZA PER LA CONSERVAZIONE DEI BENI CULTURALI	Firenze	
16/06/2023, 23/06/2023, 30/06/2023	VD	TIME MACHINE ACADEMY: LILLO 1640 – Methodology and workflow of virtual reconstruction	TimeMachine Academy	https:// www.timemachine.eu/ events/lillo-1640-methodology-and-workflow-of-virtual-reconstruction/		online	
28/06/2023	VD	Digital Twin Flanders	Tourism Flanders			Mechelen	30
29/06/2023	KNAW, CARARE	Shaping the World of 3D	DANS-KNAW	https://dans.knaw.nl/en/ agenda/shaping-the-world-of-3d/	Data management	The Hague	50

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
05/07/2023	INCEPTION S.R.L	9th Ferrara International PhD Workshop IDAUP	Università degli Studi di Ferrara	https://www.unife.it/studenti/dottorato/it/notizie/seminari-conferenze-e-attivita-disciplinari-trasversali/idaup-9th-ferrara-international-phd-workshop-2023	RESEARCH METHODOLOGIES IN THE EUROPEAN FRAMEWORK Innovation towards practice	Ferrara, Italy	
05/09/2023	FORTH	ACM Hypertext 2023	SIGWEB	https://ht.acm.org/ht2023/organization/	Evaluating a Radius-based Pipeline for Question Answering over Cultural (CIDOC-CRM based) Knowledge Graphs	Rome, Italy (We participated online)	50
07/09/2023	VD	Les Avatars du Patrimoine	XR4Heritage	https://www.linkedin.com/events/7084510694452146176/		Brussels	50 +100 online
11/09/2023	INFN	Beyond vision workshop/ ICIAP conference	INFN	https://physicsmeetsai.github.io/beyond-vision/		Udine	20

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
14/09/2023	VD	Digital Twin Flanders	Tourism Flanders			Lier	100
20/09/2023	KNAW	iPRES 2023 International Conference on Digital Preservation		https://ipres2023.us/	Panel: Policies, Risks and Strategies: A File Format Debate	Champaign-Urbana	50
25/09/2023	KNAW	EAA 2023 = European Association of Archaeologists.	EAA	https://www.e-a-a.org/eaa2023	Modelling Mycenaean chamber tombs with photogrammetry	Belfast	40
29/09/2023	CARARE	Learning and Understanding in Virtual Production Pt 4	CARARE	https://www.linkedin.com/events/learningandunderstandingvirtual7110171876269694976/comments/	3D Digitisation for Preservation and Promotion	Molkom	40

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
29/09/2023	UNIBO	2023 European Researchers' Night	European Commission	https://www.nottedeiricercatori-society.eu/sites/default/files/2023-09/Programma%20NDR%202023%20OK%20WEB.pdf	LE 3DIMENSIONI DEL PATRIMONIO CULTURALE	Bologna (IT)	200
03/10/2023	CARARE	4CH TwinIt! webinar: the overall digitisation process	UNIFE		Storing, preserving and accessing 3D models		
03/10/2023	INCEPTION S.R.L	The overall 3D digitisation process	Europeana		Planning the 3D digitization and Choosing the right workflow and outputs of the 3D digitization	Webinar	
05/10/2023	VD	Expert meeting on chapel of Castle of Laarne	Herita			Laarne	30
13/10/2023	CARARE	Creating and Sharing 3D in the Common European Dataspace	CARARE & UNIFE	https://pro.europeana.eu/page/conference	Getting started with data capture; and Publishing 3D data	Den Haag	30

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Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
13/10/2023	CARARE	Curriculum frameworks and training hubs	CARARE	https://www.carare.eu/en/events/carare-2023-cultural-heritage-in-3d/	Curriculum frameworks and training hubs	Den Haag	25
18-19/10/2023	3D	Steropsia	XR4Europe	https://www.linkedin.com/company/stereopsia/		Brussels	500
19/10/2023	ICCU	Dialogo sulla tutela del patrimonio. Esperienze e conoscenze per la creazione di un centro di competenza nazionale: il progetto 4CH	ICCU	https://www.iccu.sbn.it/it/eventi-novita/novita/Dialogo-sulla-tutela-del-patrimonio.-Esperienze-e-conoscenze-per-la-creazione-di-un-centro-di-competenza-nazionale-il-progetto-4CH/		Rome	
24/10/2023	INCEPTION S.R.L	3D capturing techniques	Europeana		3D capturing techniques	Webinar	

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
27/10/2023	VD	Bestemming Erfgoed	Tourism Flanders	https://toerismevlaanderen.be/nl/events/congres-bestemming-erfgoed/programma	Lillo 1640-2030	Antwerp, NL	300
07/11/2023	FORTH	SWODCH 2023 Workshop	SWODCH Community	https://swodch2023.inf.unibz.it/	Why We Need Ontology-Specific Data Portals: A Case Study for CIDOC-CRM	Athens, Greece	30
07/11/2023	INCEPTION S.R.L	Meeting with Ukraine delegation for SUM – Save the Ukraine Monuments	4CH		Presentation of 4CH Project	Ferrara, Italy	
07/11/2023	INCEPTION S.R.L	3D modelling techniques	Europeana		3D formats and standards	Webinar	
08/11/2023	FORTH	The 22nd International Semantic Web Conference	Semantic Web Science Association	https://iswc2022.semanticweb.org/	Real-Time Validation of ChatGPT facts using RDF Knowledge Graphs	Athens, Greece	70

Date	Partner	Event name	Organiser	Website	Title	Location	No. attendees
15/11/2023	INCEPTION S.R.L	A practical example: the 3D model of Villa Aldrovandi Mazzacorati in Bologna	Europeana		The 3D capturing of complex and 3D Modelling	Webinar	
16/11/2023	INFN	Il restauro oggi. Le scienze e le arti	Accademia dei Lincei	https://iicnewyork.esteri.it/it/gli_eventi/calendario/raffaello-e-i-colori-dellantica-villa-farnesina/	The Cultural Heritage Network of the National Institute of Nuclear Physics (INFN-CHNet)	New York	
04/12/2023	VD	Play2Learn 3	XR4Heritage	https://www.linkedin.com/events/play2learn-3-virtualeventstoryb7132308020469854210/		Brussels	30
18/12/2023	UNI-TOURS	Journée de recherche commune DIAMS et CaSciModOT	RTR DIAMS	https://www.univ-orleans.fr/lifo/evenements/RTR-DIAMS/#rtr-diams	Représentation de connaissances : des jumeaux numériques aux compétences pour le patrimoine	Orléans (France)	30

Appendix F - Other media

Date (Approx.)	Partner	Type of media	Title	Reference	Language	Target audience
11/10/2022	PRISMA	4CH VIMEO	4CH Interviews - Francesco Taccetti in conversation with Sara Abram	https://vimeo.com/759019287	Italian	CH professionals & researchers, Decision makers and politicians, General public
21/04/2023	CyI	4CH VIMEO	4CH Interviews – Sorin Hermon in conversation with Iosif Hadjikyriakos	https://vimeo.com/819750040	English	CH professionals & researchers
28/04/2023	CyI	4CH VIMEO	Sorin Hermon in conversation with Véronique Chankowski	https://vimeo.com/821909348	English	CH professionals & researchers
28/04/2023	CyI	4CH VIMEO	4CH Interviews - Corinne Szteinsznaider	https://vimeo.com/821939131	English	CH professionals & researchers
29/04/2023	CyI	newspaper	Ὁ Φιλελεύθερος		Greek	General public
11/06/2023	CARARE	Video	CARARE Training hub	https://vimeo.com/835155442	English	CH professionals & researchers
06/07/2023	CARARE	Video	Cultural Heritage in 3D: Data Capture and	https://vimeo.com/842902975	English	CH professionals & researchers

Date (Approx.)	Partner	Type of media	Title	Reference	Language	Target audience
			modelling in action webinar			
15/09/2023	CyI	4CH VIMEO	4CH Interviews – Xavier Rodier in conversation with Isabelle Pallot Frossard	https://vimeo.com/864802648	English	CH professionals & researchers
11/10/23	CyI	4CH VIMEO	4CH Interviews - Sorin Hermon in conversation with Antigoni Michael	https://vimeo.com/873250919	English	CH professionals & researchers
19/10/2023	ICCU	Leaflet	Dialogo sulla tutela del patrimonio: Esperienze e conoscenze per la creazione di un Centro di Competenza Nazionale: il progetto 4CH	https://www.iccu.sbn.it/export/sites/iccu/documenti/2023/4CH_Programma_Evento_19_10_2023_Digital_rev.pdf	Italian	CH professionals & researchers, Policy makers, Industry (e.g. creative/tourism)
19/10/2023	ICCU	Press release	Dialogo sulla tutela del patrimonio: Esperienze e conoscenze per la creazione di un Centro di Competenza Nazionale: il progetto 4CH	https://www.iccu.sbn.it/export/sites/iccu/documenti/2023/4ch_evento_19102023_comunicato_st	Italian	CH professionals & researchers, Industry (e.g. creative/tourism), Decision makers and politicians

Date (Approx.)	Partner	Type of media	Title	Reference	Language	Target audience
				ampa_2.pdf		
19/10/2023	ICCU	Postcard	Dialogo sulla tutela del patrimonio: Esperienze e conoscenze per la creazione di un Centro di Competenza Nazionale: il progetto 4CH	https://www.iccu.sbn.it/export/sites/iccu/documenti/2023/4ch_evento_19102023_immagine.pdf	Italian	CH professionals & researchers, Industry (e.g. creative/tourism), Decision makers and politicians
24/10/2023	CARARE	Video	Training and Capacity Building	https://vimeo.com/877460987	English	CH professionals & researchers
31/12/2023	CyI	4CH VIMEO	4CH Interviews – Sorin Hermon in conversation with Androulla Vassiliou	https://vimeo.com/894950883	English	CH professionals & researchers
31/12/2023	CyI	4CH VIMEO	4CH Interviews – Nikolas Bakirtzis in conversation with Agni Petridou	https://vimeo.com/896925898	English	CH professionals & researchers
from May 2022 to December 2023	UNI-TOURS	Web portal	Cartography of actors and competences in the French cultural heritage: European 4CH project	https://portal.carto4ch.huma-num.fr/en/	French, English	CH professionals & researchers

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