DIGICLIC

DIGIBIS

DIGI ARCH 5.0

New version

More accessibility

More visibility

More updated international standards

Already in production!

DIGIARCH 5.0 now in production, it is the application for archive management

At the same time that the DIGIBIB digital library management application has been updated to version 10, DIGIBIS has updated the version of its DIGIARCH software for the digital management of virtual archives to 5.0, as was previously stated in DIGICLIC 22.

DIGIBÍS has already begun to implement DIGIARCH 5.0 in the different public and private institutions that use this programme.

The digital files have already been updated in the Felipe González and Norman Foster Foundations

This same issue describes the process of updating to DIGIARCH 5.0 that is being carried out in the Virtual Archive of the Felipe González Foundation, whose contents are constantly increasing, and which has become one of the most widely used archival collections by researchers in contemporary history, as well as by political scientists and sociologists. The rich Archive of the Norman Foster Foundation is also being updated, and we devote a separate page to it here in order to highlight some of its features.

> DIGIBÍS has already begun to implement version 5.0 of the DIGIARCH application

Data can be harvested directly by Hispana, Europeana and WorldCat

Like the other DIGIBÍS applications, the DIGIARCH programme has an OAI-PMH repository that allows a harvester, for example Hispana, to aggregate its contents transparently, which gives those collections greater visibility and accessibility and saves the professionals in charge of the archive precious time, since they only have to process the data once.

By means of this procedure Europeana will be able to harvest the collections of the Felipe González Foundation through Hispana, as has been done in OAIster, metadata that go directly to WorldCat. In this way DIGIARCH 5.0 provides the widest possible accessibility and visibility.

Pages twelve and thirteen of this DIGICLIC 23 review the new features of DIGIARCH 5.0. ■

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Europeana reorganises and adds content to its website

The Europeana website was revamped in the first half of 2020. Incidentally, at the top, just below the header, a grey band now reads: You are enjoying Europeana's new experience, with a typo in the word experience, unnoticed for months.
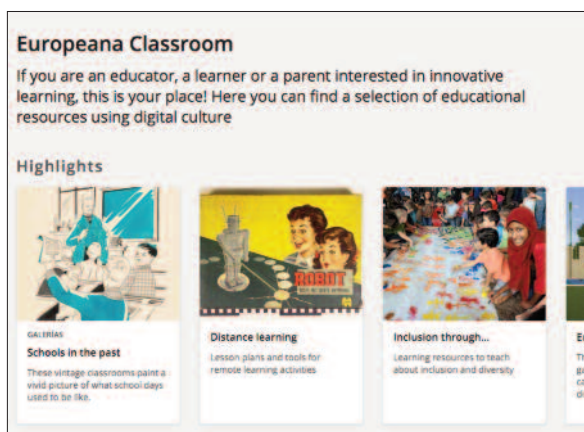
Perhaps the most notable point is that a tab called "Teachers" has been added to the main menu, where access is given to the so-called Europeana Classroom, in the style of the Primary Source Sets of the Digital Public Library of America, linking the development of the contents of Europeana with the educational process.

On the other hand, a new category called Discovering Europe has been created which is also a way of exploring the contents of Europeana for a specific purpose, cultural tourism.

Europeana in the pandemic

Of course, Europeana has not remained untouched by the pandemic, although it cannot yet be said that any specific action has been taken.

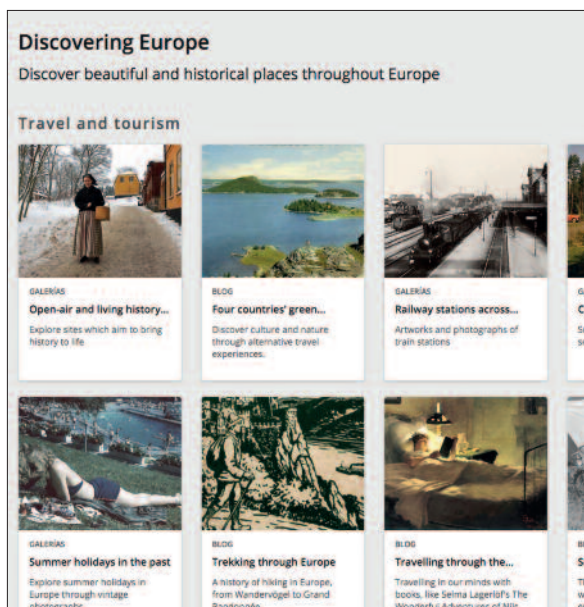Only one other category has been created called "Find a background for your Zoom meetings," which is of course is intended with the pandemic in mind. As always, Europeana invites users to subscribe to the Newsletter, but only in English or French. Europeana itself states that it has more than 50,000 subscribers who receive cultural information on a monthly basis.
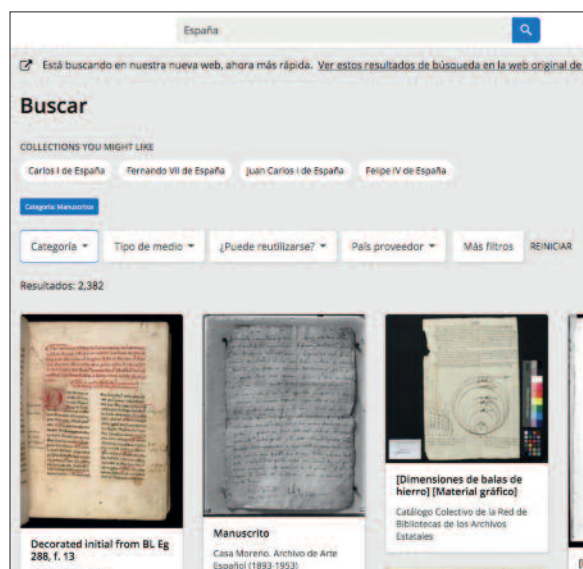
The results page has also been modified so that the results can be filtered in different ways: categories, type of media, conditions for reuse, supplier country, etc., to make the large lists of results more manageable. Those filters were presented in the previous version, which was perhaps more user-friendly. ■

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LOS CALENDARIOS MEXICANOS, 1907
Biblioteca Digital AECID / CC BY-NC-SA 4.0

8.739.415
objetos digitales de 230 repositorios

Hispana surpasses 8.5 million digital objects

Since the first issue of DIGICLIC, the Hispana project has received preferential treatment. In 15 years its collections have increased by more than 7,000 % and its content has multiplied by more than 71 times, as Xavier Agenjo Bullón and Francisca Hernández Carrascal show in "OAI-PMH and Linked Open Data in the Hispana and Europeana context: some historical reflections", published in the Italian journal *JLIS.it,* 11, 1 (January 2020).

In addition to these growth, the number of repositories which Hispana includes is also increasing. These include the Hispanic Digital Library, the Digital Newspaper Library, the Virtual Library of the Historical Press, the Virtual Library of Bibliographic Heritage, some collections of the Virtual Library of Miguel de Cervantes, all the virtual libraries of the Autonomous Communities and the repositories of the most important memory institutions, such as the Royal Academy of History or the Royal Academy of Medicine; CER.ES (Digital Network of Spanish Museum Collections); archives such as the Felipe González Foundation or Galiciana-Digital Archive of Galicia. To these repositories must be added those of all Spanish universities and the Spanish National Research Council.

It should be noted that despite the fact that the Directory and Harvester of Digital Collections and Resources and in consequence Hispana were created in the midst of the world economic crisis this has not prevented its spectacular growth, based mainly on two pillars: standardization (of metadata) and cooperation (among institutions).

Hispana with DIGIHUB) has increased its collections by over 7,000% in 15 years

We cannot fail to express the satisfaction that DIGIBÍS feels as an R+D+I company that has been able to provide digital management technology, with rigorously standardized norms, to a large number of the aforementioned memory institutions (including Hispana itself) as well as others; technology that greatly facilitates the harvesting processes and, therefore the widest dissemination of the data. ■

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The new **DIGIARCH 5.0** version, an example of **DIGIBÍS'** commitment

The new version of the digital archive management application DIGIARCH 5.0 incorporates a series of advanced features to respond to the approaches of archival science and archival studies required by the variety of public and private institutions that use this programme.

There are several important new features in this version.

Improvements in data management

- Management of values controlled in the "Material applied to the surface" field.
- Massive changes in the description level in final units.
- Mass registration of lower units.

Improvements to the query interface and in data access

- New "Digital object" link in the description record.

- Search window always visible in the header.
- The audio and video players have been modified. DIGIARCH now uses the browser's own, thus avoiding the use of Flash Player, which is completely out of date.
- Display of ISDIAH data in tab format.
- Update of EDM (Europeana Data Models) labels that comply with the latest Europeana Publishing Framework standards.
- Improved searches for authorities, that is to say, individuals, institutions and families as producers.
- Export of records in EDM format and option to export the inherited fields or not.
- Improved Metatags.

Improvements in statistics

- Access statistics available in the "Tools" menu.
- Repository statistics available in the "Tools" menu.

Thanks to its OAI-PMH repository, the records of the Felipe González Foundation can be now consulted in Hispana

As always, the information is updated dynamically in the OAI-PMH repository

All the information is transparently dynamically updated for the archivist in the OAI-PMH repository of the application itself, which allows it to be harvested directly by Hispana. Thus, the Felipe González Foundation Archive can be consulted the national aggregator Hispana, to which it provides 5,044 records.

Norman Foster Foundation archive: 3D objects and EDM ontology

The Norman Foster Foundation Archive has also been updated. One should mention specifically (because of their technical interest) that 3D digital objects, accompanied by metadata encoded according to the Europeana Data Model ontology, can be consulted

The Norman Foster Foundation Archive contains 3D digital objects

Today the Norman Foster Archive has 83,626 documents including plans, drawings, notebooks, models, photographic material, personal objects and others.

The unequivocal commitment of DIGIBÍS

With this DIGIARCH update, DIGIBÍS gives tangible evidence of its commitment to managing all types of files virtually, with the greatest advances in accessibility and visibility, always in accordance with international standards. ■

One of the 3D objects in the Norman Foster archive.

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Breakthrough in the Digital Archive of the Norman Foster F. with DIGIARCH

Like the Felipe González Foundation Archive, the Norman Foster Foundation Archive has been updated to version 5.0 of DIGIARCH.

This version has a number of very sophisticated and powerful features, as detailed and listed on pages 6 and 7 of this issue of DIGICLIC. The Norman Foster Foundation and its archive are a magnificent example of the work of the brilliant British architect. The archive highlights his sketchbooks, which show a master hand combining technical precision with the beauty of design, always with great functionality.

As we have state above, the Archive currently has 83,626 documents including plans and drawings, notebooks, models, photographic material, personal objects, etc., as well as some 3D or 360º digital objects in which the models of the works that have been designed, developed and built by Norman Foster all over the world can be seen. There are also a few cases of works that have not yet been built, including the lunar station which, for obvious reasons, will have to wait quite some time until it becomes a reality.

The classification chart created by the archivists of the Norman Foster Foundation follows the evolution of the architectural work of the Manchesterian architect and his studio. The records are prepared in accordance with ISAD (G), EAD, Dublin Core and other international archival standards.

The archive has an OAI-PMH repository, although it has not yet been implemented to disseminate its collections. The descriptions also follow the EDM standard, so that they can be harvested and aggregated by Europeana through Hispana when deemed appropriate. ∎
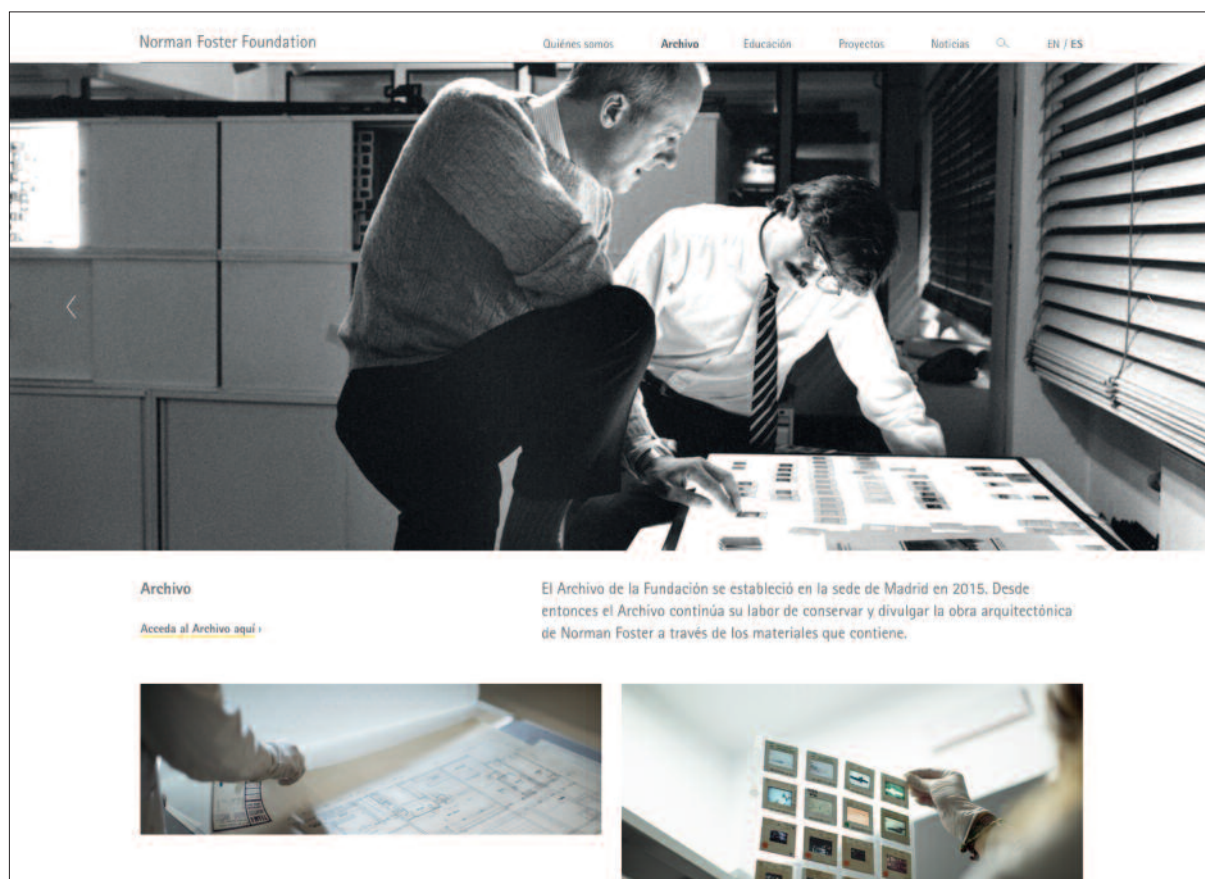
The Virtual Library of the Provincial Council of Zaragoza updated to DIGIBIB

The Virtual Library of the Provincial Council of Zaragoza, BIVIZAR, is now available in version 10 of DIGIBIB, an application for the digital management of libraries that allows access to more than 1,700 works. It therefore continues to fulfil its main objective, to makes its rich bibliographic heritage known and used by the greatest possible number of researchers and users.

The works comprise more than 230,000 digital objects, of which 150,000 are accessible in text format, after an optical character recognition process. ∎

First editions of Jules Verne's works translated into Spanish

As a result of an agreement between the University of Zaragoza and the Provincial Council, these editions have been digitized and made accessible through the T3AXEL project, which has studied and processed the first Spanish translations of Jules Verne's narrative work, whose impact on 19th century Spanish culture was of major importance.

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The CAM Digital Library is up dated to DIGIBIB v.10

The Digital Library of the Community of Madrid provides access to 12,339 works and more than a million and a half digitized pages (1,595,221). Of the latter, almost half have been processed with OCR (Optical Character Recognition), thanks to which it is possible to search the text content.

This Digital Library is of great interest because it allows large sets of information of all kinds of bibliographic materials to be consulted, among them many monographs, manuscripts, illustrations and photographs. It also has a significant newspaper library that allows headlines to be read by publication date.

The digital objects are grouped around four thematic collections:

- Golden Age, with digitized works by authors from that period;
- Manuscripts from the 13th to the 20th centuries;
- Madrid taurino, with bullfighting documents, posters, engravings, photographs, etc.
- and, finally, a collection of satirical and humorous printed works that begins with the

The Digital Library of the Community of Madrid allows access to the digitized collections of the Royal Spanish Academy, the Spanish University Foundation and the Lázaro Galdiano Foundation, among other institutions

Duende crítico de Madrid pamphlets, from the 18th century, and goes on to the great names of 20th century humour as well as many sporadic publications from the 19th century.

The Digital Library of Madrid also houses the digitized collections of several institutions:

- the Regional Library of Madrid
- the Lázaro Galdiano Foundation
- the University of Madrid Foundation
- the Cardinal Cisneros Institute of Secondary
- the Royal Spanish Academy, which thus joins other Spanish Royal Academies that use our DIGIBIB application, such as the History Academy, the National Medicine Academy, the Pharmacy Academy and the Jurisprudence and Legislation Academy, whose name is IURIS Digital.

Thanks to the DIGIBIB maintenance service, the Digital Library of the Community of Madrid has been updated to version 10 of DIGIBIB. DIGIBIB allows the newspaper library, like the Madrid Digital Library itself, to be harvested transparently and dynamically by HISPANA, which, like Europeana, includes its 85,489 records.

Also, thanks to DIGIBÍS technology, the records of the Madrid Digital Library are present through OAIster in WorldCat, the world's most comprehensive union catalogue and database of library collections. ■

The search, with filters that also allow searching by collections, and three of the micro-sites, housed by the Digital Library.

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The Digital Library of Galicia al ready has DIGIBIB v.10

As we have already pointed out, DIGIBÍS has undertaken to update DIGIBIB to version 10 in recent months in all the institutions that use it for library digital management, including, as we noted in the previous issue of DIGICLIC, Galiciana-Digital Library of Galicia. The Digital Library of Galicia forms part of the ambitious Galiciana project, which also includes the Galician Digital Archive, which groups 54 historical archives from all over Galicia, implemented with DIGIARCH, and the metadata harvester of Galician Digital Heritage, implemented in DIGI-HUB.

Galiciana allows one to consult the new collection of classics of Galician Literature in EPUB

The Digital Library of Galicia provides access to 220,206 works and 2,316,247 digital objects (images, audios, videos and texts), among them monographs, periodicals, maps, photographs and illustrations obtained from the digitization carried out in 48 libraries and institutions, , both public and private, of the entire Autonomous Community of Galicia.

The importance of micro-sites for better dissemination of the collections

The Digital Library of Galicia gives great importance to the exploration of its collections through different micro-sites, among which worth mentioning is the one dedicated to the Catalogue of the Bibliographic Heritage of Galicia. This catalogue, initiated 33 years ago, has been updated and

integrated into the Digital Library with the same ontology and authority records catalogue with it. In this new micro-site, a new project was also instituted to prepare and consult the authority re-
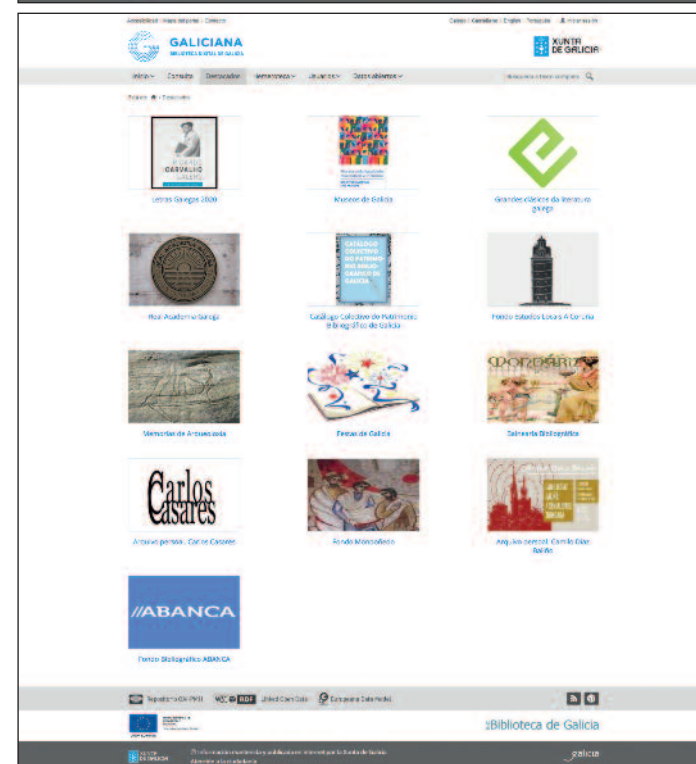
Home page of Galiciana-Digital Library of Galicia (above) and its "Highlights" page, whith the various micro-sites managed under the same DIGIBIB installation for the Library.

cords of Galician printers to 1830, which are also represented on a geo-chronological time line.

Version 10 of DIGIBIB allows the new collection of great classics of Galician literature to be consulted in epub format on the Classics of Galician Literature micro-site. These electronic books were created by DIGIBÍS for the Galician Library after winning the corresponding grant competition.

The Digital Library contributes to the Open Data portal of the Xunta de Galicia

Also noteworthy are the micro-sites dedicated to the incunabula of the Abanca Bibliographic Collection or to Letras Galegas 2020, the last created, without forgetting the very important newspaper library.

In addition, Galiciana-Digital Library of Galicia has been a pioneer in adding to its features, the consultation and access to records coded in RDF according to the Linked Open Data (LOD) technology through a SPARQL service. By this means, the Digital Library contributes to the Open Data portal of the Xunta de Galicia.

Finally, it should be pointed out that the records of the Galiciana-Digital Library of Galicia are harvested by Hispana (220,135), by Europeana (187,316) and by Galiciana-Digital Heritage of Galicia (249,237), the Galician OAI-PMH dissemination and harvesting system. Any person interested, for example, in Eugenio Carré Aldao, can consult Galiciana-Digital Heritage of Galicia and find the bibliographic records of that author in the Digital Library of Galicia and, also, those housed in the Digital Archive of Galicia, both implemented

with DIGIBÍS software, as we have already mentioned, and can browse the information offered by the Galician university repositories or the OJS (Open Journal Systems) journals in Galicia, such as *Cuadernos de Estudios Gallegos,* published by the Martín Sarmiento Institute of the Galician Studies Council. ■
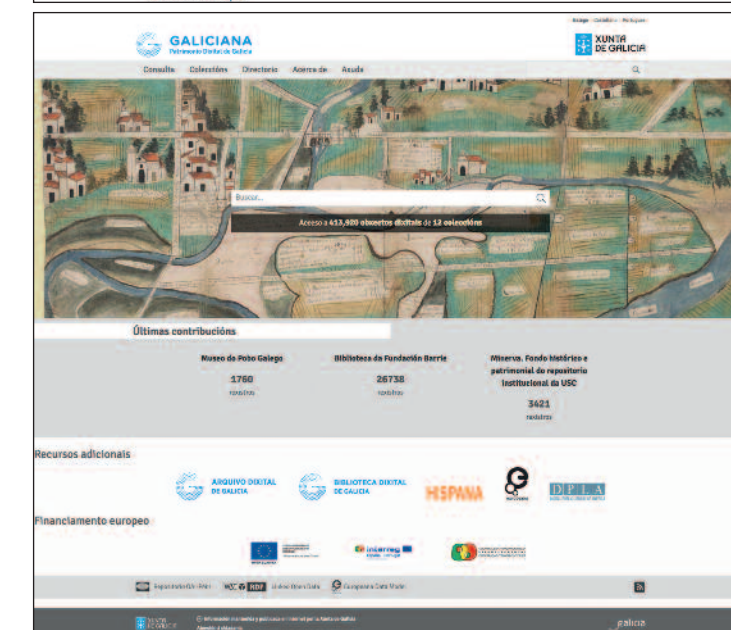
Digital Archive of Galicia (above) and Digital Heritage of Galicia, both managed with DIGIB applications (DIGIARCH and DIGIHUB), are the other two great portals of catalog information that comprise Galiciana.

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The Virtual Library of Heritage Hubs

Heritage Hubs is a European project that aims to promote cultural exchange between young people aged 11-15 from the participating countries –Finland, Spain, Serbia and Italy–, so that they can explore and share their own cultural heritage and get to know and experience the cultural heritage of other young people.

The project, which began in 2018 and has run for two years, has been directed at students, teachers, educational centres and cultural organisations in general. It has also included the exchange among different partners of the various as- pects of their own cultures and the possibility of sharing them both face-to-face as well as through digital media.

The young people have chosen aspects of their heritage they wanted to emphasis and these aspects have been presented and exchanged through audiovisual means. Heritage Hubs has been co-financed by the European Union's Creati-

ve Europe Programme and by a consortium composed of the Association for Heritage Education in Finland (project leader), the San Millán de la Cogolla Foundation (Spain), the Centre for Urban Development (Serbia) and VITECOE-learning solutions (Italy).

Different methods that have been tested and shared by the professionals who participated in the project have been applied to carry it out,. During the development process, various studies were carried out with the aim of creating methods, tools and content for the use of education professionals to integrate culture, heritage and intercultural dialogue in their daily work with young people. Obviously, in order for citizens to be

Home page of the Virtual Library of Heritage Hubs and one of the records that make it up.

With the technical support of DIGIBÍS, the Ignacio Larramendi Foundation has created the Virtual Library of Heritage Hubs so it can be harvested by Hispana and Europeana

able to use this content, it must have the ne- cessary visibility and accessibility.
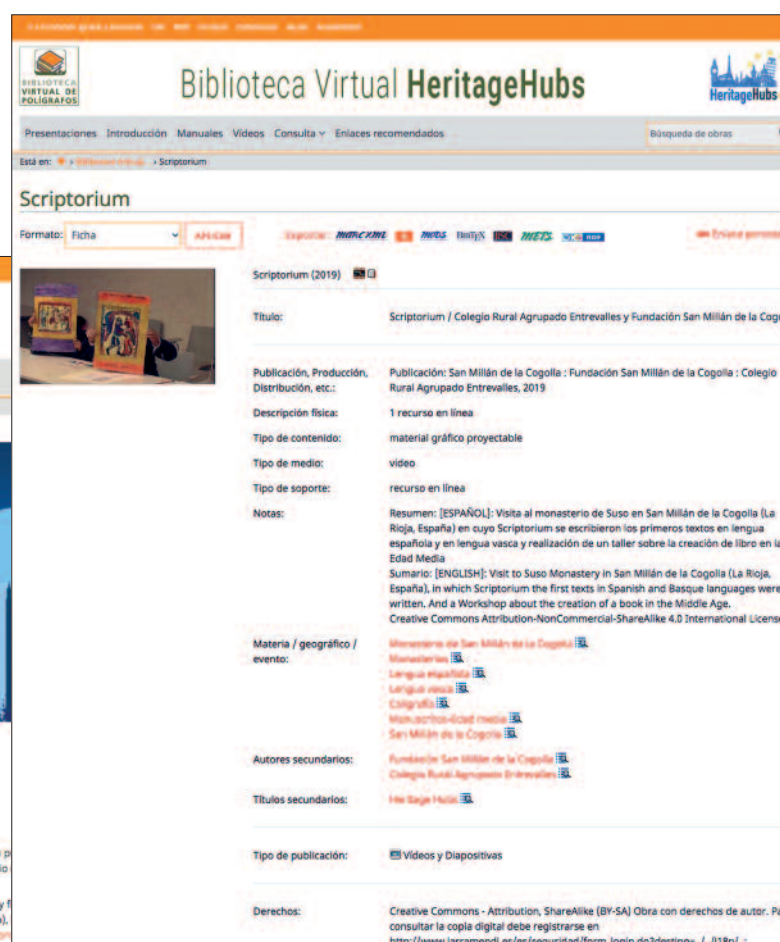
Heritage Hubs in Spain

The Ignacio Larramendi Foundation has participated in this project as part of the Spanish team that led by the San Millán de la Cogolla Foundation, which contacted the Ignacio Larramendi Foundation because of its great experience in the dissemination, accessibility and visibility of digital collections.

Its participation, with the technical support of DIGIBÍS, has been to create the Virtual Library of Heritage Hubs which hosts the contents generated in the framework of the project. The member institutions of the Heritage Hubs consortium have been sending their results, such as videos and implementation manuals, to the Ignacio Larramendi Foundation, which has then created the corresponding digital objects, including the metadata and digital versions, cataloguing them in MARC format and transmitting them in accordance with the EDM ontology.

The Virtual Library of Heritage Hubs, which runs on DIGIBIB, is the means by which these digital objects can be harvested by Hispana and, from there, by Europeana, which was a requirement of the European Commission for its grant aid to the consortium.

This Virtual Library is accessible within the Polymath Virtual Library from the "All libraries" link on its main menu. Built on DIGIBIB, the Virtual Library of Heritage Hubs has been expanded and enriched with links to other open data in accordance with W3C's Linked Open Data initiative. In this way, the visibility and accessibility of the Heritage Hubs are as wide as possible ∎

Home page of the Heritage Hubs website.

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DIGIBÍS and COVID-19

The DIGIBÍS company, as well as the Ignacio Larramendi Foundation and its Polymath Virtual Library, have been disrupted by the pandemic, as was to be expected. Fortunately none of the DIGIBÍS or the Ignacio Larramendi Foundation staff have been affected by COVID-19, but it has affected family members, friends, and colleagues. We also know that some of DIGIBÍS' customers have had the same terrible experience.

The pandemic has not stopped our activity

Nevertheless, neither the activities of DIGIBÍS nor the Ignacio Larramendi Foundation have been interrupted thanks to teleworking. Although this is a very efficient solution, it sometimes falls short, for example, when it comes to resolving queries, incidents, etc. It has also been necessary for Systems to go periodically to the DIGIBÍS servers on its premises in calle Alenza in Madrid..

DIGIBÍS has participated in a large number of virtual conferences with its clients

Likewise, digitization projects have been developing normally, especially for the grant competition of the Digital Library of Castilla y León and for the digitization projects that have arisen from the grants convened by the Ministry of Culture and Sports, such as those of the universities of Salamanca and Valladolid.

As has been mentioned, both in the "News" section of the DIGIBÍS website as well as in the pages of this issue of DIGICLIC, one of the priority tasks has been to migrate from DIGIBIB 9.1 to version 10, just as the DIGIARCH programme has been updated from version 4.5 to version 5.0. The implementations of the DIGIHUB programme are also being updated.

Contact with our customers has allowed us to move forward with the projects

Another effect of COVID-19 has been the proliferation of video conferences and video calls, etc. The Euskariana project, for example, has required many such communications, especially at the time of designing the platform.

This enormously ambitious project requires all the effort not only of the Basque Government that is promoting it, but also, and above all, of our Innovation and Information Technology departments, with the occasional support of the Project Director himself.

We sincerely hope that the next issue of DIGICLIC will be able to give news of the presentation of this project under a desirably better health panorama.

We shall continue to work and inform

These are very difficult and painful times, but DIGIBIS is going to do everything possible to make the new normality happen.

And, as always, you will find out about it in the news page on the DIGIBÍS website, on social media and through this newsletter. This also applies to the activities of the Ignacio Larramendi Foundation, which continues to work on the centenary of its founder and on its virtual libraries. ∎