

University
libraries
and Learning Center



Activity report 2021

Understanding
Adapting
Looking beyond the pandemic

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Editorial

2021 was a crucial year for the University libraries.

It saw the end of tight restrictions on the way the libraries operated due to the Covid-19 pandemic and was also the year in which the renovations of the Humanities & Social Science library officially got underway. After a 20-year wait, this project will restore the centrality and lustre of a remarkable library but one that had grown tired after many long years of intense usage by generations of students, teaching staff and researchers, with only limited efforts to refresh its facilities. And so November 2021 was undoubtedly a pivotal moment, with the launch of the process to recruit from the groups invited to respond to a call for tenders. As the largest architectural project ever undertaken by the University of Lille, this library renovation is a unique opportunity to overhaul the Pont de Bois campus, both in the way it is organised and the way it connects with the city. Four years of work are scheduled, with the facility reopening to users in late 2026.

2021 was also the year in which the University adopted its Open Science roadmap. This is the fruit of close collaboration between the institution's various stakeholders, leading to a strategy and a portfolio of associated initiatives that illustrate the University's robust and steady commitment to and involvement in Open Science. Its libraries, which have long contributed to Open Science, even before the term emerged, now play a major role in implementing this roadmap. The support offered by the University libraries for three of the strategy's five pillars is proof of this. 2021 saw several initiatives taken, some aimed at building on earlier policies – examples include Open Archive, "Fabrique de la Science Ouverte" and support for laboratories in drafting data management plans – while others were new, including the development of a strategy for publishing costs. Here the libraries can be seen to shore up the resolute commitments of the University, with a view to achieving the ambitious objective of all publications being open access by 2030, laid down by legislation on research planning.

Lastly, once again this year I would like to conclude my editorial by highlighting the efforts of all those who contribute to the University libraries and Learning Center. We can only applaud the variety, wealth and intensity of the activities undertaken, which are the fruit of the remarkable work done by staff teams, who on a daily basis, without a fuss, fulfil their fundamental mission: serving library users.

Happy reading!

Julien ROCHE,

Director

**University libraries and
Learning Center**



Key figures



15
entries per user*



15
students per library seat



46€
library expenditure
per user*



+26%
increase in full-text items
available on open archives



28%
of students underwent information
literacy training

*The figures presented here are calculated based on the number of students and teaching staff members. In 2021, 73,883 students and 2,164 teaching & research staff (Source MESRI).

Library network



● Associate libraries

● Partner libraries

Associate and partner libraries

<https://scd.univ-lille.fr/reseaux-et-partenaires/bibliotheques-associees/>
<https://scd.univ-lille.fr/reseaux-et-partenaires/reseaux-institutionnels/>

Award-winning projects in 2021

Open Science Passport season 2

Following the success of the first edition of the Open Science Passport, the French Ministry of higher education, research and innovation commissioned the libraries of the University of Lille to design two guides to complement the passport, one on misconceptions truths about Open Science, and the other on codes and software. The University libraries were also asked to produce five video segments about the Passport's contents.

Recherche Data Gouv

The University libraries contribute to the national federated research data platform Recherche Data Gouv. They play an active role on the project's steering committee and are also part of a communication initiative to develop a showcase website, create a graphic charter and associated content, as well as social media strategy, editing the future website, etc.

AGEDO

Open data management support

This project is funded as part of the 2020-2021 "strategic management dialogue" and aims to strengthen the University libraries' involvement in supporting researchers to adopt FAIR standards in the dissemination of research data. The funding covers the recruitment of an engineer dedicated to helping the research databases developed and maintained in our research units to "go FAIR". This 2-year project began in October 2021 and will run until 2023.

Collections of excellence

Two new collections have been awarded the National Collection of excellence (CollEx) label.

- Research collections in Earth science, divided into two main holdings: one at the Société Géologique du Nord library and another at the Bibliothèque Recherche de Paléontologie.
- The collection at the Eric Weil Institute, which includes the personal library and archives of Éric Weil (1904-1977), a major 20th-century philosopher.

Highlights of 2021

Major projects

Digitising French PhD theses

From January to June 2021, the University libraries hosted a group project run by curatorship students from the ENSSIB, responsible for a preliminary study on the digitisation of French PhD theses. In partnership with the ABES¹, this study looked at running the digitisation programme specifically for PhD theses and the possible role of the University libraries, which hold all the camera microfiches of theses defended since 1985.

Operational launch of the Pépite platform

In April, the Pépite platform for submitting and disseminating theses and dissertations became operational. This marked the end of a process to pool resources which was undertaken before the University of Lille was created. More than 4000 PhD theses, 5000 professional theses, and 1000 masters dissertations are now accessible, figures expected to rise with each passing year.

Weeding charter

A small proportion of library books must regularly be withdrawn from the collections made available to users as part of a weeding. A charter has been drafted to make it clear to both staff and users in which context and according to which criteria the libraries do this, a process that can include donations. The charter was validated by the University's Board of Trustees on 25 November 2021.

Intranet: facilitating cross-departmental collaboration and support for projects

So staff could share the same content disseminated internally and ensure consistency of information, the University libraries' intranet has theme-specific entries with targeted content. This internal communication tool, which went online in 2021, will evolve to reflect changes. Its structure and updates are the fruit of collective efforts.

Events

January

"Livres à vous"

After the University adopted a new weeding charter, "Livres à vous" initiatives were held to distribute 2400 items withdrawn from the Humanities & Social Science library to students free of charge.

February

Challenge Léonard, 3rd edition

For 2 days, teams of master's students worked remotely, helped by professionals from the worlds of entrepreneurship, design and culture, on projects to set up cultural enterprises. This challenge is jointly organised by the University libraries and Pépite (student cluster for innovation, transfer and entrepreneurship) in the Hauts-de-France region.

Moving collections

from the dental surgery library

300 boxes of items from the old library of the Faculty of Dental Surgery have been integrated into the Healthcare library's collection. This job involved preparatory work in challenging circumstances, before processing and updating the newly available collections.

Mai

Launch of ResPaDon

Addressing the topic "Building a network around web archives, uses and opportunities", the ResPaDon project launch saw remote attendance by 26 guest speakers and 200 participants, researchers and information science professionals

October

30th edition of the Fête de la science

To mark the occasion, an escape game entitled "Panic in the library, version XXL" was held at LILLIAD. Combining observation skills, teamwork and critical thinking to deconstruct a wave of preconceptions in science, all participants succeeded in stopping the dangerous "Obscurants" just in time.

November-December

Survey about Healthcare library opening hours

From 22 November to 5 December, the Healthcare library ran a survey to collect users' views on the extension of its opening hours as well as the option via Affluences to reserve certain areas in the library. An online survey, interviews and the activation of the entry turnstiles provided a complete overview of user behaviour, with 760 responses collected.

1. ABES: Bibliographic agency for higher education

"Ma BU & moi"

User survey

From 29 March to 23 April 2021, the University libraries and Learning Center launched their first major user satisfaction survey aimed at students and academics. One year after the beginning of the pandemic, we felt it was essential to turn to our users so as to understand its impact on the way they use our facilities and better design the services of the future.





To better understand the needs of the many different users of the University libraries and Learning Center, two surveys were drawn up: one for students and the other for PhD students and academic staff, combining questions relating directly to the public health crisis and more general questions about their use of the tools and services available.

Library visits

While 90% of academic staff and PhD students said they visit the libraries and Learning Center to consult items, more than 82% of students do so to work in a calm environment. In a year punctuated by curfews and the need for written statements each time they left home, many of them favoured these facilities as an opportunity to get out, change work environment and meet up with classmates.

Depending on the location, not all students had the same experience of the deprivation imposed by the pandemic: at the Law & Management and Humanities & Social Science libraries, the biggest constraint was not being able to come without a reservation, while at the Healthcare library it was the restricted opening hours, and at LILLIAD, respondents cited not being able to access the group workspaces.

The survey also shed light on user habits across the University's network of libraries: 25% of respondents visit several different libraries (on-campus, associate libraries or Sciences Po Lille) to benefit from broader opening hours, proximity to their place of study or home, or collections specific to certain fields.

Documentation

The changes to the conditions for accessing the libraries throughout the academic year did not drastically affect our respondents' habits in terms of documentation. However, one academic out of two has noticed a change in their practices since the beginning of the pandemic, sometimes opening up new opportunities such as when publishers offered exceptional access to some resources during the 1st lockdown.

Access to the University libraries, complicated by the public health restrictions, was the primary difficulty cited by all respondents when it came to covering their documentation needs.

While many of them said they faced challenges using online tools and resources, an equal number recognised that this imposed immersion in electronic resources opened up new avenues for them, with many lessons learned as they pursue their studies and research.

Key figures

4500 respondents completed the survey.

Survey from 29 March to 23 April 2021 <https://scd.univ-lille.fr/a-suivre/enquete-ma-bu-moi-pendant-la-crise-covid-19/>

80% of bachelor's & master's students and 63% of doctoral researchers did not change their documentation habits in 2020-2021.

Remotely or on site

Throughout the year, the University libraries adapted their offer of remote services, with training courses for students, research support workshops for doctoral researchers as well as cultural, scientific and technical events.

85% of students who underwent training in 2020-2021 were satisfied with the initiatives taken and confirmed that the skills they acquired were useful and put into practice during their studies. More than 600 of them suggested teams to enrich the training offer, ranging from documentation methodology and using Zotero to more hands-on support for the challenges in their student life (CV, handling stress, etc.).

After an academic year spent far from campus, one academic out of two told us they preferred attending workshops in person and place more importance on the topic covered than the format. Similarly, half of students said they preferred cultural, scientific and technical events organised on site. Nonetheless, the constraints inherent in the nature of studies or the need to travel between locations points to the importance of maintaining a hybrid offer that suits the needs of each individual: for durations that exceed 2 hrs, doctoral researchers prefer online rather than in-person workshops, while healthcare and masters students told us they prefer online events or those that can be watched in replay.

Communication

This academic year, mostly organised remotely and marked by changes in the conditions for accessing the University libraries as well as some services made digital, highlighted the complexity of effectively communicating with diverse user categories, often submerged by the mass of information they receive.

95% of students who answered the survey did not take part in the training workshops proposed online, but 73% were unaware of them. Similarly, 63% of students feel they were not well informed about the cultural, scientific and technical events held. Via email, by consulting the library websites and by word-of-mouth, respondents were able to find out how to access the libraries during the academic year. It emerged from the survey that 30% of respondents did not know that the University libraries and Learning Center have a presence on social media (Twitter and Facebook) and also that 70% prefer to be informed of the latest library news by email.



Room for improvement

The lessons learned from this survey are considerable and began to bear fruit as the 2021-2022 academic year began: consolidation of online training offers, development of the e-book offer, creation of an email ("Votre BU vous informe") with information about the libraries intended for the University community, among other initiatives. The survey, conducted across all locations, also reinforced the importance of the University libraries and Learning Center, reaffirming their essential role in the lives and success of our students.

" I took the time to take an interest in online sources that I previously overlooked.

Doctoral researcher from the Doctoral school of Law, Political science & Management

"

Analysing *the user* experience

To complement the online survey questionnaires, the University libraries and Learning Center are striving for a better understanding of their users by diversifying their survey methodologies.

Observing users while they work to note the facilities they use, asking them about their work habits, or mapping their journeys between the different library spaces – these are some of the methods used as part of the User Experience Design approach. The aim of this is to adopt the user's perspective in order to improve the available spaces and services and design new ones. This approach is one of the pillars of the services policy adopted by the University libraries and Learning Center. A dedicated mission leader was recruited in 2017, and several projects have benefited from specific support.

Imagining the future Humanities & Social Science library

In order to bring the perspective of users to plans for the future Humanities & Social Science library, a week of observations and interviews was held to reach conclusions about the different ways in which this student space is used, primarily by first-year students who want to work alone, relax and await their next class with friends or attend a cultural event. Particular attention has been paid to usage of the collections made available in this space, feeding into reflections on the future offer of resources in this library.

“

Thank you for doing all you can so we can come and revise in suitable locations.

Postgraduate student in medicine

”

Measuring user satisfaction at the Healthcare library

At the end of November 2021, the Healthcare library launched an online questionnaire to measure user satisfaction in relation to its opening hours and the reservation system put in place at the beginning of the academic year. Separately, flash interviews were conducted with students in an effort to better understand how their day unfolds and the role of the library in their everyday lives.

The analysis of this highly qualitative data serves to pinpoint the various strategies adopted by students, depending on their course and year of study, and, through a process of reiteration, to reconsider the current reservation system in a way that better reflects what this direct contact with the students revealed about the way they use the library.



Future plans *for the Humanities & Social Science library*

The future Humanities & Social Science library will open in 2026 but the project groundwork is already underway!



An ambitious renovation project

The Humanities & Social Science library, which houses 800,000 items as well as the University of Lille's heritage collection, opened its doors in 1974. Since then it has not undergone any major renovations. Due to the evolving needs of the academic community and the lack of building compliance (presence of asbestos), renovations had become essential. The cost of such a project meant it was postponed for a long time, however. The first assessments were conducted in 2009, but it wasn't until the merger of Lille's universities that the financial negotiations could be concluded in 2020.

The State, the Hauts-de-France region and the European Metropolis of Lille made the choice to invest €44.5 million to transform the library into a location that would combine research and education, with integrated spaces for individual and collective work, favouring the emergence of new forms of learning. The library will also contribute to the dynamics of the social and cultural life on campus, indispensable for a successful student experience.

Hands-on governance from University of Lille

The future library is the biggest real estate project launched by the University of Lille since the University campuses were first created in Villeneuve d'Ascq. This is therefore a structural project not only for the network of libraries but also the Pont de Bois campus and University as a whole.

The project development was designed in a way that would reflect this range of challenges and levels of action: it is intended to achieve unity and integration. With responsibility for user concerns, University library authorities are working hand-in-hand with the project team alongside the real estate and logistics department, which is responsible for works management.

The University's support services also play a role (financial services, risk prevention, etc.). Similarly, the various bodies present on the Pont de Bois campus and the different university departments are included in reflections on all relevant areas of expertise (digital technology, student life, and teaching innovation, research, culture, etc.).

Within the University library structure, the project also involves the different cross-departmental services responsible for specific areas of expertise. Lastly, the 74 staff members from the Humanities & Social Science library and the national agency for the reproduction of theses (ANRT) have a particularly important role to play in the different types of groundwork that will precede the actual renovation work, linked to the design of the future offer of services they will be running on an everyday basis.

Access during the work to a temporary University library and off-shelf collections

The Humanities & Social Science library will close its doors in July 2022. In anticipation of the renovation works (2022-2026), its collections, comprising 21 linear kilometres of items, will have to be entirely removed from the building. The most frequently used items will join the other three University library locations while most of the collections will be transferred to a storage site in Laon, made available by the Aisne departmental archives.

A temporary library will open in September 2022 near the Humanities & Social Science library, with a selection of 20,000 items, 180 workstations and a range of services deemed essential for the academic community. Most importantly, with a shuttle transportation system for library items, the temporary library will offer users deferred access to all collections stored in other locations (testing on this service began in late 2021). Staff members from the library and the ANRT will be moved to a location right next to the provisional library.

<https://future-bushs.univ-lille.fr/>

Key figures

Net surface area of 17,000 m²
spanning 8 levels, 5300 m² of which will be book repositories, reconfigured as part of the project.

Provisional project budget

State : 13 M€
Hauts-de France region : 27 M€
European Metropolis of Lille : 4 M€

21 linear km of documents

Key project phases

● Presenting the project to the academic community

On 7 January, Jean-Christophe Camart, President of the University of Lille, presented plans for the new Humanities & Social Science library during a conference broadcast live so that the whole academic community could discover this important structural project for the future.

● Preparing to move the collections

Work continued on the library holdings (sorting and integrating donations, partial remarking of items intended for the temporary library and weeding), and the service provider to move the collections was chosen after a call for tenders. Agreements were made with external bodies to house the collections, provide deferred access and put in place the shuttle service.

● Design phase for the temporary library and relocation of staff

Conceptual studies, validation of proposals, call for tenders to build the temporary library and schedule the work to relocate staff.

● Plans for the future Humanities & Social Science library

Pursuing the pre-construction work (technical engineering design phase), choosing the contracting procedure and, in December, launching the performance-related public procurement contract.

● Dialogue with users about the project

With the aim of encouraging users to embrace the project and contribute to the process of reflection, several qualitative surveys were conducted in the autumn combining the observation of user practices and interviews with PhD students and young researchers, as well as students who make use of the *Espace de vie étudiant* in the current Humanities & Social Science library.

FUTURE
BUSHS

2026



**January-June
2022**

**Moving the collections and
shuttle service launch**

**March 2022
to March 2023**

Launch of competitive dialogue

to select the firm responsible for designing and refurbishing the future Humanities & Social Science library.

**July
2022**

**Closure of Humanities &
Social science library**

**September
2022**

Temporary library opens

**2023
to 2026**

Renovation work

2026

**New Humanities
& Social Science
library opens**

Bringing you a network of world-class facilities and services

1

Once again this year the public health crisis required the implementation of specific support measures to keep facilities open (access by reservation only, capacity reduced by 50%, etc.). The return of students to campus in September was an important hurdle but did not mark a return to normality.



A look back *at last year*

One major source of satisfaction is that the University libraries and Learning Center were able to continue welcoming users despite the restrictions in place.

In October 2020 the measures taken by the government to slow the spread of the virus meant that all teaching was done remotely, drastically reducing activities on campus. Mindful of the need to preserve havens of socialisation and interaction for students who had already suffered greatly during the first lockdown, the University libraries and Learning Center decided to keep their physical spaces open as much as possible while at the same time offering remote services.

Library services by reservation

This policy was pursued in 2021: temporary changes implemented in late 2020 were maintained until the summer thanks to huge efforts by staff and a complete overhaul of the usual operational methods:

- capacity reduced by 50%
- access by booking only via the Affluences platform
- modified opening hours

The improvement in public health conditions by July meant library facilities could be once again accessed normally. However, it was the beginning of the following academic year before full capacity and all services (events and entertainment, group workspaces, item lending service, etc.) could resume.



A return to normality in appearance only

Unfortunately this phase could hardly be considered a return to normality. Social distancing rules, including the need to wear masks, required constant vigilance on the part of staff, leading to a communication campaign at the end of the year to generate greater responsibility among students in response to the sharp rise in contamination rates.

Visitor numbers in the period from September to December also revealed a significant fall compared to the pre-Covid period.

This was the case in most higher education libraries. Does this tell us that the number of physical users in our University libraries and Learning Center will never reach pre-Covid rates? It is too early to tell, but the comparative figures for physical item loans (-51%) and consultation of electronic resources (+19%) for the period in question, as well as the constant rise in questions asked and chats on the online questions & answers service UBIB (+26% in 2021), suggest that the health crisis has hugely increased remote use of library resources.

While working exclusively from home was the norm for other university staff, those at the University libraries and Learning Center continued to work on site either partially or full-time.

Across the network as a whole, there was an average fall of

25%

in the number of entries for the period from September to December 2021 compared to 2019.

Extending the Healthcare library opening hours

101 weekly opening hours since September 2021.

For several years the Healthcare library already had the most generous opening hours of all library facilities at the University of Lille, offering 83 hours per week (8am to 11pm Monday to Friday, 9am to 5pm on Saturday). From the start of the 2021 academic year, the extension of its opening hours on Saturday until 10pm and on Sunday from 9am to 10pm, following the success of the PBO+1 call for projects, places it among the top three university libraries in France in terms of opening hours for the benefit of the entire academic community in Lille and partners.

The context in Lille

In 2016, the universities in Lille and Sciences Po Lille submitted a joint response to the previous PBO+. This was rolled out in 2017 when the Sciences Po Lille library opened and became the only university library located in the city centre of Lille open from Monday to Sunday, 9am to 10pm. The decision to operate such extensive opening hours was hugely successful with students from the University of Lille. In 2019 they represented around 80% of all users in the evenings and on weekends, 45% of whom were students from medical and healthcare courses. And so it was essential to extend the opening hours of the Healthcare library, with strong demand from its users.

Implementation hampered by the pandemic

The result of the PBO+ call for projects for the 2020-2023 period was announced in April 2020 during the first lockdown. The first implementation target was set for the beginning of the 2020 academic year. Between mid-September and mid-October, the Healthcare library opened on five Saturdays and Sundays from 9am to 10pm. The success of curfews and lockdowns then limited these opening hours, but it is worth noting that from late November 2020 until late June 2021 the Healthcare library opened nearly every weekend, on both Saturday and Sunday, with opening hours from 9am to 6pm and 9am to 8pm. This was made possible by the presence of two student monitors and a security officer, as had been planned for evenings from Monday to Saturday and on Sundays. In September 2021, the extended weekend opening hours, Les initially presented in the response to the PBO+ call for projects, were finally implemented for the long term.

Very favourable response to extended opening hours

A survey was conducted from 22 November to 5 December 2021 to measure user satisfaction levels in response to the extended opening hours at the Healthcare library on evenings and weekends. The 760 responses collected awarded a score of 8.9/10 to the library's opening hours, revealing a high level of satisfaction among users.

Suggested areas for improvement include the facility's surroundings during weekend opening hours. The lack of adequate restaurant options was highlighted: on weekends the cafeteria at the Faculty of Medicine located in the same building as the library only offers food and drinks via vending machines which have been emptied by Saturday afternoon. Work is therefore needed with partners to further improve the conditions during the library's weekend opening hours.

“
This is more than adequate. We wouldn't spend any more time here. We also need to sleep.
2nd-year medicine student”



Libraries open to all

Although registration for the libraries and Learning Center is automatically available to students, academics and other staff members of the University of Lille and provides transparent access to all services users, “the University libraries and Learning Center are [also] open to all members of the public”, meaning anyone from outside the University, as stipulated in Article 1 of the rules of usage.¹

Free access and services available upon registration for people from outside the University of Lille

Access to the facilities is freely available without charge, as is consultation of documents with freely available printing. Only access to digital services (Wi-Fi, computer stations, printers, on-site consultation of electronic resources) and the consultation of items in storage require registration: free of charge for on-site consultation and in return for a fee for users who wish to also bring borrowed items home. The cost is €34, but several categories of users benefit from an exemption (teachers or students from certified institutions, jobseekers, refugees, etc.).

Varied profiles and high borrowing rates

Users from outside the University of Lille are extremely varied. Because the libraries and Learning Center offer free access, it is not possible to quantify the proportion of external visitors, but 830 users from outside the University were registered in 2021. This might seem low compared to the 73,000 students and 7300 staff members of the University (2021 figures), but the statistics for printed items borrowed reveal that these users represent 7% of all active borrowers.



Welcoming non-academic users

Non-academic users often require specific support using the services available, and staff members are on hand to help out. The reasons for these users visiting our facilities can be very varied: Internet access, working with digital files and printing documents, reading the press, preparing a project for work (public exam, entrepreneurship), or simply looking to expand their knowledge or keep busy, etc.

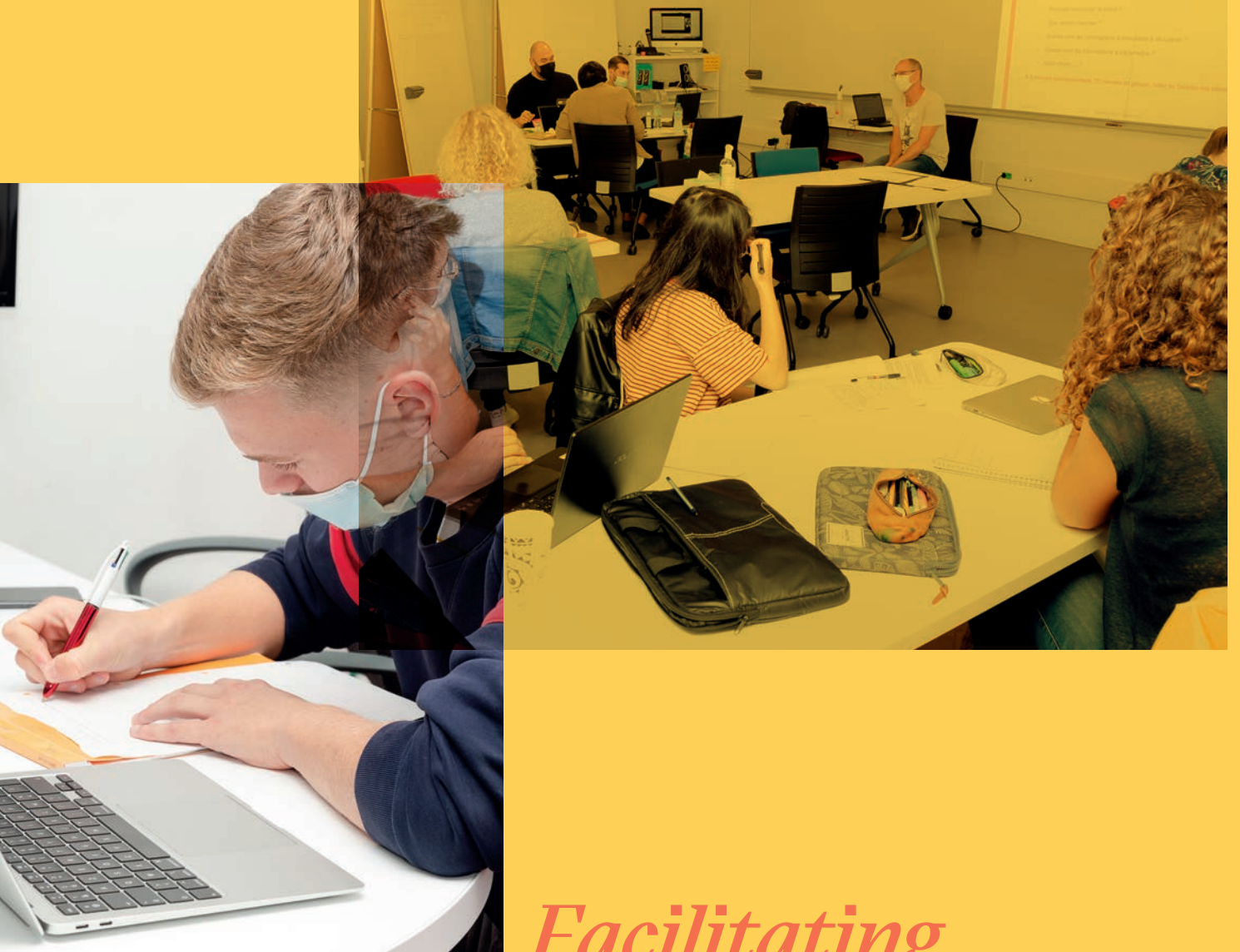
This willingness to welcome non-academic users in all of their diversity is central to the professional identity of libraries and is reflected in UNESCO's public library manifesto, whose preamble reminds the reader that libraries are a “local gateway to knowledge” and “a basic condition for lifelong learning, independent decision-making and cultural development of the individual and social groups”.

Did you know?

“The University libraries and Learning Center are open to all”, including people from outside the University.

Article 1 of the University libraries rules of usage

1. https://bu.univ-lille.fr/fileadmin/user_upload/SCD/DocumentsSCD/scdreglesdusage-20190717.pdf



2

Facilitating academic success

Despite the return to physical teaching in September, 2021 saw continuity in the trends observed as the first lockdown ended: increasing use of remote services, hybrid formats, etc.

These changes reveal a profound transformation in the pedagogic practices which information literacy educators seek to promote, constantly mindful that their actions must support the academic success of students.

A look back *at last year*

Once again this year the pandemic has significantly restricted education. We had to wait until September for physical teaching to resume.

An example of hybridisation: course in Digital culture & skills

Educational staff teams were nonetheless able to capitalise on the experience acquired during the first lockdown and continue to offer a rich and diverse offer of courses by drawing on the full range of tools available (Moodles, Zoom group sessions, etc.). In some cases, despite a return to physical classes, the decision was made to maintain the option of remote teaching in the second semester where it made sense given the health crisis.

The course in “Digital culture & skills” is a good example of this hybrid approach. This certificate course, launched in 2020, is based on a European reference that has become the gold standard for digital skills. It is common to all departments at the University of Lille, and the University libraries and Learning Center were asked to cover the digital skills needed for information searches. A multidisciplinary self-training guide was produced and made available on Moodle combining autonomous learning with both remote and hybrid teaching.



Continued training for master's students

The return of students to campus was an opportunity for the University libraries and Learning Center to pursue and strengthen the training they offer master's students, with the ambition of providing optimal support for their academic output (master's dissertation as well as professional theses for healthcare students):

- writing guidance
- managing bibliographical references (presentation of dedicated tools - Zotero - and bibliographical standards)
- information retrieval methodology
- knowledge of specialist documentation (databases, content platforms, etc.)

Reinforced sharing of best practices

2021 also saw a wealth of projects successfully completed: launch of hands-on library tours for new arrivals, creation of “Boîte à tutos”; and projects initiated with the aim of facilitating the sharing of knowledge and best practices within the team of educators.

A new dedicated quarterly event for educators has been designed and developed under the name Red Cat workshop. Its aim is to enable educators to discuss their practices through a relaxed workshop on a predefined topic. The first sessions will be held in 2022.

A more technical project was also launched to develop a collaborative monitoring tool to keep up with the latest news and trends in higher education training.

1700
master's students benefited
from training and support in
2021.

Hands-on library tours to improve integration for new arrivals

The ambition underpinning these active library tours, proposed for the first time in all of the University libraries and the Learning Center, is to address the challenge of welcoming new arrivals and, more generally, ensure a smooth transition between secondary and higher education.

The idea is simple: small autonomous groups of students are invited to discover their campus library with a hands-on tour of its different spaces. They are given a questionnaire which they work on together and hand back at the end, with assistance from a library educator or student monitor. The questions asked cover all of the available services: collections, Wi-Fi, group workspaces, printing, etc.

The tours are intended to be relaxed and sociable, with students encouraged to interact and the whole thing lasting no more than 30 minutes to one hour.

Huge staff participation

The scenario for these library tours was the focus of cross-departmental work in four locations. A common thread was defined, which could then be adapted to the specific features of each local context (disciplines represented, collections and services available).

The teaching heads from academic departments were also consulted, and in some cases the tours were even integrated into teaching content (Faculty of Law, Political Science & Management; UFR3S Healthcare & Sport Science).

Organising these tours was an opportunity to mobilise staff other than educators. Keen to present their library to users, even without any experience in training, many volunteered to participate. Similarly, since students find it easier to communicate with their peers, student monitors were asked to take part in order to ensure seamless interactions.



A format favoured by students

At the Law & Management library, tools and methods inspired by the UX (user experience) approach were used to determine whether students had understood the objectives of these tours and whether the format had appealed to them. At the end of each tour, they were asked to indicate on a table which services they intended to use, and short interviews were conducted with both students and educators.

Overall, the results obtained validated the approach, but pointed to certain improvements needed, particularly regarding the questionnaire.

A total of
2 500
students took part in the hands-on library tours in 2021.

New: a tutorial toolbox for academic success

The “boîte à tutos” uses animated videos to present the key concepts and essential principles students must know to make optimal use of the resources and services made available by the University libraries and Learning Center.

A collection of 10 videos lasting around 1m30 was produced with the aim of offering a clear overview. These videos were uploaded onto the Lille.Pod platform and made part of the University libraries’ multi-channel communication strategy. They can also be integrated into a Moodle.

Content for new arrivals

This tutorial Toolbox is mainly for new arrivals and bachelor-level students, as well as anyone who has not yet had the chance to learn about the library resources. The content is simple, can be used without help and makes it easier to take the first step towards mastering certain tools. Training in information retrieval methodology, either integrated into existing courses or offered in the form of workshops, can be used to explore certain concepts in more detail if needed.

The videos were produced by a firm specialising in motion design, in collaboration with a working group supervised by the Department for user training. Throughout the project, this group made sure to include the services concerned, an approach that enabled video content combining several levels of expertise: technical, professional and pedagogic.

At the same time as the videos were uploaded, a promotional campaign was run on social media, highlighting a different tutorial each week.

In 2022, the graphic design of the “Boîte à tutos” will be modified to reflect the University of Lille’s new visual identity with targeted updates.

<https://pod.univ-lille.fr/la-boite-a-tutos-des-bu/>



La boîte à tutos

Episode 1
What’s Lillocat?

Episode 2
How do I search on Lillocat?

Episode 3
What online resources are made available by the University libraries?

Episode 4
How do I look for a journal article in the library?

Episode 5
How can I read newspapers in the library?

Episode 6
What’s Ubib?

Episode 7
How do I do an advanced search on Lillocat?

Episode 8
How do I print something remotely?

Episode 9
Is it possible to access theses and dissertations defended at the University of Lille?

Episode 10
How do I access a document not available in the University libraries?

Sharing knowledge

3

This second consecutive challenging year for event management was synonymous with renewed creativity.

Book supply chain partnerships were strengthened much to the delight of library users, drawn to more inclusive formats, whether on-site or remote. Although it is too early to project beyond this experimental period, it is clear that the way in which a cultural event or mediation & knowledge-sharing initiative is designed has definitively changed since 2020.



A look back at last year

Inventiveness and resilience

Although the second year of the public health crisis did not spare the world of event management (-68% events hosted compared to 2019, the last reference year, particularly for academic conferences), the University libraries and Learning Center nonetheless managed to strengthen their role in running cultural and knowledge-sharing events (74 in total).

The most was also made of this period to professionalise the tools used to organise events. The public health crisis triggered a process of reflection in 2020 on the physical/remote formats for events, with the aim of offering remote access as a complement rather than a replacement of physical attendance. "Eighteen months of intensive digitalisation in the daily lives of event participants" (*Stratégie* magazine, December 2021) have led to considerable changes in user habits while also opening up new services to explore:

- **Subscription to the LiveStorm platform** to engage interactively with participants remotely, with the support of the Hauts-de-France regional council. This was used, for example, to launch the national ResPadon project (*network of partners for the analysis and exploration of digital data*).

- **Live broadcast and replay on the University's Web TV** with the support of its Information systems, multimedia & audiovisual department.

- **Subscription to 25e heure**, a dedicated platform for online cinema-related discussions, used for example for two online events: "*Le pouvoir et l'activité politique : décryptage en séries*".



"Experience a cultural and knowledge-sharing event when I want, where I want"

47% of participants in the 10 hybrid events organised (physical/remote) took part remotely, and 4300 replays were watched in 2021. An example is the inauguration of season 4 of Xperium "*À la découverte des 1001 facettes de la pensée visuelle...*" by graphic facilitator Béatrice Lhuillier, watched remotely live by 170 people across France and elsewhere (Canada, Belgium, Africa, etc.) and by more than 1300 people via replay within two months.

Recreation, interactivity and cross-disciplinarity for reinforced dialogue between science and society

2021 was also a crucial year for Xperium, which showcases the partnership-based research being done in laboratories throughout the University of Lille. Having reached the age of reason (it has already been 7 years since the initiative was first launched in February 2014!), this unique mediation space was enriched in 2021 with the creation of a new visitor journey: *Kaléidoscope ! Le jeu*. This hare & hounds game "to save Kevin, a student accused of industrial espionage" gives participants an alternative and interactive way to discover the 8 research projects presented in season 4 *Kaléidoscope ! L'image dans toutes les sciences*.

By diversifying the mediation methods to encourage everyday dialogue between science and society, this recreational journey complements Xperium's existing offer to meet the researchers live, boosting the dynamic to broaden the audiences in whom Xperium is so actively invested.

Infinately close

In the autumn of 2021, LILLIAD invited the wider public and academic community on a two-month immersion in extraterrestrial matter.

The laboratory "Unités Matériaux Et Transformation" (UMET), one of very few laboratories in France with an electronic microscope capable of atomic-scale analysis of samples from an asteroid brought back a few months ago by Japanese probe Hayabusa II, was already part of the Xperium season *Kaléidoscope! L'image dans toutes les sciences*. It decided to reach out to the University libraries for help staging "Infinately close", a proposed dialogue between the scientific and artistic worlds.

Three scientific conferences watched in replay more than 800 times on the University's WebTV:

- *Météorites, des croyances à la science*, by Brigitte Zanda, who teaches and conducts research at the Natural History Museum in Paris, specialising in primitive meteorites, traces of the first moments of our solar system
- *Impacts : des météores aux cratères*, by Sylvain Bouley, planetologist, professor at the Paris-Saclay earth science laboratory, and chairman of the Société Astronomique de France
- *Des ingrédients pour l'apparition de la vie ont-ils pu tomber du ciel ?* by Hervé Cottin, the lecturer and researcher at Université Paris-Est Créteil who works on the origins and evolution of organic matter in small bodies in our solar system

Companionship between art and science, in collaboration with *Le Fresnoy - Studio national des arts contemporains*. Alongside videos and photos taken by international space agencies, visitors were able to admire the work of six award-winning artists inspired by these scientific worlds, some of whom even enjoyed immersion lasting several months, like the Mexican Vir Andres Hera, a resident artist at the UMET laboratory.

Find out more: <https://infiniment-proche.univ-lille.fr/>.



Vir Andres Hera, Mexican resident artist at the UMET laboratory



Hugues Leroux, researcher at the UMET laboratory

Resilient events scheduling

The cultural engineering team mobilised to optimise the circumstances and make the most of the constraints imposed with a common thread: with each event strive to bring fresh proposals to a broad audience keen to rediscover an enriching cultural life and better understand the world.

Events on an even bigger scale, focusing on key moments depicted in series or cycles and with innovative and varied formats, developed through a systematic partnership-based approach.

A springtime plunge into the deep end of digital technology ...

Early 2021 was a period of intense experimentation with “remote” digital tools, to reach out to audiences “despite everything” and, in times of restriction, create innovative and rich experiences in which knowledge could be shared.

Examples include the *Printemps des poètes*, two online encounters “*Le pouvoir et l’activité politique : décryptage en séries*” via the 25e Heure platform, or the online diptych proposed as part of the Europe Festival in Lille, which combined an event designed in collaboration with the Festival Séries Mania in relation to the “*Parlement*” series and a virtual exhibition “*Hissez haut les nouveaux drapeaux de l’Union européenne*” where participants were invited to vote online for their favourite flag.

“ **Hybridising events ultimately means opening them up to the greatest number. Our audiences are complementary: those who take part remotely wouldn’t come if physical attendance was the only option.** ”

Antoine Matrimon, “digital and technological innovations” project leader



... and an autumn all about partnerships

Confidence was the watchword for the offering in the summer and early autumn of 2021, with both physical and hybrid events boasting strong partnerships and renewed formats, ensuring a dynamic October for flagship national events:

- 30th edition of the *Fête de la science*
- *Mois de l’imaginaire*, as well as regional events: *Nuits des bibliothèques* held in the European Metropolis of Lille.

A hybrid conference (physical/remote attendance) entitled “*À la découverte des 1001 facettes de la pensée visuelle*”; an illustrated concert scheduled in collaboration with the Association Littérature, etc.; two escape games: *Panique dans la bibliothèque XXL* (MESRI initiative) and *The Tesla Experiment*; meeting with Antoine Mouton, an author who works with the Lille-based publishing house *La Contre Allée*, and Patrick Varetz, a writer who lives in Lille; meeting with Alex W. Inker, author of comic book *Fourmies la rouge*; exhibition scheduled in collaboration with *Séries Mania: Futur en séries* which is combined with a conference; screening of the film *Le dernier voyage* and its videogame ... just some examples of the events where highly diverse audiences could enjoy a warm atmosphere.



© SPUL / Dominique Jayet

4 *An enriched collection*

Although library user habits are changing considerably, offering a collection as a coherent set of content continues to be a core focus. The survey conducted in 2021 is a reminder that collections are the gold standard by which the quality of services rendered is to be evaluated. We have also seen reinforced resource-sharing and cross-departmental collaboration across the University libraries and Learning Center. Collections: a beating heart.

A look *back at last* year

A matter of excellence

When it comes to research, in many disciplines library collections are an essential tool, alongside experimental science platforms. It is therefore of the utmost importance to make the highest-quality collections available to the academic community. Since 2019 the quality of the collections of the University libraries and Learning Center has been recognised by the award of the national CollEx-Persée label. In 2021, 2 additional holdings secured this label, bringing to 9 the number of recognised collections of excellence at the University of Lille.

This recognition is the fruit of groundwork by a dedicated mission leader, in close collaboration with the associate libraries. The challenge now is to formalise the library holdings policy, particularly with regard to Open Science, and establish a concerted approach to the use of donations. And of course we must not forget the crucial importance of promoting material. In this area, the work done by the GIS¹ CollEx-Persée mapping collections and the launch of "Research in the making" by the Sorbonne and University of Lille, associates of the CollEx Anglophone studies, is full of promise.

Sharing expertise

The increasingly high expectations expressed by users for easier access to content have led to stronger partnerships with other library structures in the region. The aim of these may be to broaden access to electronic items (pooling resources under I-Site, agreements with partner institutes like the CHU) or to improve the cataloguing of printed collections (oversight of the regional PCPP²).

The liaison and field specialist librarians are an essential part of these initiatives, acting as an interface between users and the collections. A redistribution of disciplines in 2021 allowed them to concentrate on the core holdings in each location and rebalance their workload. At the Healthcare library, last year was also marked by the addition of the holdings from the old dentistry library.

1. GIS : Scientific interest group
2. PCPP : Shared conservation plan for periodicals



Livres à VOUS

À l'occasion de son déménagement,
la BU SHS
se sépare de certains
documents et vous les offre !

Much work was done on cataloguing and processing items to facilitate SGBM³ user assistance: a ticketing solution was rolled out with rapid take-up by staff teams. Colodus, an online tool made available by the ABES⁴, has also been rolled out across all sites to reduce the time needed to process items ordered.

An organic entity

Library collections are like living organisms that evolve over time: books arrive as others depart. This withdrawal process, or weeding, is a way to offer up-to-date content and avoid saturating the available library space. In 2021, 27,000 items were newly acquired while 42,000 were withdrawn. The difference is due to preparations for the Humanities & Social Science library's big move (32,000 items withdrawn this year alone).

Up to now, most withdrawn items were given to businesses working in the social & solidarity economy that had signed an agreement with the University of Lille ensuring that part of the profits generated would go to public utility associations. The University's Board of Trustees voted to establish a charter governing this process containing a new clause: it is now possible to offer books withdrawn from the library collections to students free of charge. This will enable new initiatives to strengthen links with the academic community.

Did you know?

9
collections at the
University of Lille
are recognised as being of
national interest

3. SGBM : Management system for pooled library resources
4. ABES : Bibliographic agency for higher education

Mobilis in mobile: collections ready to move out of the Humanities & Social Science library

Scheduled to begin in January 2022, preparations to move the 21 linear kilometres of collections at the Humanities & Social Science library punctuated the work of staff throughout the year.

Preparing for the big move

Large-scale efforts were taken by all staff members involved in the journey of library items: weeding, stocktaking, linear measurement, packaging for heritage items. With a view to optimising storage while the work takes place, these efforts were also an opportunity to communicate to users about the future move. At the same time as moving these collections, much work was done on labelling in the catalogue (correcting errors, relocating items).

Reflecting on organising collections going forward

A parallel process of reflection was undertaken on categorising items. This overhaul of the shelf-marking system is a necessary first step before displaying more accessible collections in the future Humanities & Social Science library. Designed to reflect user practices and the available informational brochures, the new system will regroup items previously located in different areas, for example works by a single author and their critical apparatus.

Organising the provisional library was also the focus of a shared process of reflection. The selection of items to be made available was prepared in collaboration with research & teaching staff. The need to preserve accessible collections, including indirectly, also underpinned the distribution of items across the various remote storage locations.



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A network-wide approach

Although they originated at the Humanities & Social Science library, these various initiatives reflect an approach that extends to all of the University's library network. Cross-departmental efforts have been made to facilitate the transfer and consolidation of items previously spread across several different locations (law periodicals transferred to the Law & Management library, where the full collection of the daily newspaper *Le Monde* will also now be housed).

With a view to facilitating the accessibility of collections while the work takes place, holdings have also been transferred to the G. Lefebvre library for the years to come. Lastly, while donations were being processed, library acquisition staff teamed up with the heads of the relevant associate libraries to select items together.

2 400
items offered
to students
at the two "Livres à vous"
events.

Mapping collections of Excellence

Project concept

One of the priorities for the CollEx-Persée is to improve the visibility of collections online by mapping and referencing library holdings awarded the "Collections of Excellence" (CollEx) label. The aim is to use the web to offer a tool that establishes the link between communities of academics and collections of use to their research. Following an evaluation phase in 2019 of researchers' needs in this area, it was decided to use the directory of library holdings found in the CCFr¹ (<https://ccfr.bnf.fr>) to provide access to this mapping tool.

Improved mapping

A pilot group comprising 16 establishments was formed in early 2021, with participation from the University of Lille libraries and several associate libraries. The priority for this group was to enrich the "Directory" section of the CCFr by adding notices containing the information that would enable researchers to identify the content of CollEx holdings. The CCFr now contains some 550 notices describing CollEx-type holdings.

This mapping tool covers all academic fields and reflects the heterogeneous nature of the resources described (printed pages, manuscripts, archives, etc.). The pilot group suggested breaking each notice down into three levels: contact details of the library and descriptions of the holding and sub-holdings. The topics, nature and origin of each holding and sub-holding is clearly indicated. Indexing is based on several listings including that of the HCERES².

Mapping for the libraries at the University of Lille

In 2021, CCFr referencing began for 9 CollEx-labelled holdings shared between 2 of the University's libraries and 8 associate libraries under the supervision of the department responsible for processing library resources. 15 of the overall project's 37 notices were entered in the CCFr in 2021.



Looking ahead

On 25 November 2021, a study day was organised at La Contemporaine library bringing together the various establishments represented by the pilot group to take stock of the work completed and prepare for the mapping yet to be done.

It was decided to move from the CCFr directory towards an EAD (Encoded archival description) solution in 2022 with the aim of facilitating interoperability with notices from other platforms (Calames, IdRef) and research tools. The objective over the years to come is to extend this mapping tool to all establishments housing CollEx-labelled holdings, as part of the CollEx-Persée 2 initiative.

CollEx-labelled collections at the University of Lille

- Mathematics
- Science for engineering and digital technology
- Economic, industrial and technical history
- Geology and palaeontology research holdings
- Anglophone languages, literatures and civilisations
- Science of Antiquity
- Polish languages, literatures and civilisations
- Mediaeval history
- Eric Weil institute's holdings

1. CCFr : Collective catalogue of France

2. HCERES : Higher council for the evaluation of research and higher education

Supporting research

5

Training initiatives, dialogue with researchers, project roll-out, producing metadata, digitisation and printing tasks: these are the daily activities of the dedicated teams working to support research. At each location, staff responsible for Open Science and these oversee awareness-raising and training for users; at a cross-departmental level, project heads offer support for research projects: this organizational approach is based on a twofold principle of pooled resources and proximity.



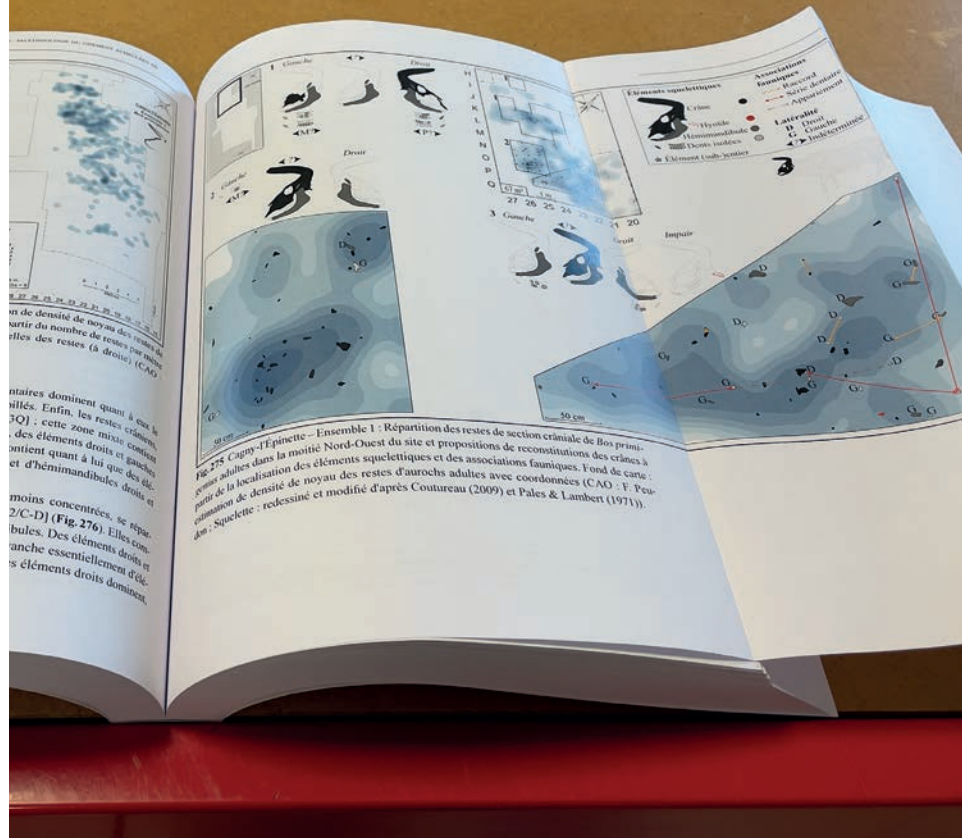
A look back at last year

After several successful bids for calls for projects in 2020, 2021 saw the University of Lille libraries enter the implementation phase: the ResPaDon project on online archives (CollEx-Persee), ORA-HdF¹ to develop a dissemination platform for journals (FNSO²), and TDM-ULNE³ which is about showcasing the University's research areas and its collaborative work (I-Site).

With the recruitment of staff on fixed-term contracts, these projects offer enriched prospects for collaboration with research teams and contribute to the development of professional skills. At the same time, they operate at different rhythms and so require reflection on how to combine long-term tasks with those carried out in project mode. This is made all the more important by the fact that new projects were undertaken in 2021: response to the call for expressions of interest issued by the "Atelier de la donnée" (FNSO) and subsidies from the MESRI for new forms of the Open Science passport for PhD students.

543

PhD students underwent information literacy and/or Open Science training, rolled out over 30 sessions.



2021 was a year of projects but also one of consolidation

In April, the production launch for the Pépîte thesis and dissertation platform marked the end of a process undertaken even before the University of Lille was created. Similarly, voting on rates for digitisation services and defining the libraries' offer in terms of systematic reviews serve to clarify and strengthen the range of services available to researchers. This continuous consolidation is also manifested in the cooperation undertaken with new local and national partners: dialogue with the MeSHS⁴ Lille Nord de France, and an agreement currently being signed with UAR⁵ Persée.

During this second year of the pandemic, staff pursued their adaptation efforts both in their work methods and in the offer of remote training: experimentation with ORCID⁶ workshops at the end of June, and all doctoral training sessions held remotely. In 2021, it was clear that there was a high level of take-up of remote training courses among doctoral students and researchers. The coming years will allow us to determine whether this trend is structural or merely contextual.

1. ORA : Opening, making accessible - Hauts-de-France
2. FNSO : National Fund for Open Science
3. TDM-ULNE : Text and Data Mining - University of Lille Northern Europe

4. MeSHS : European Center for the Humanities and Social Sciences
5. UAR : Support and research unit
6. ORCID : Open Researcher and Contributor Identifier

Digitisation workshop

Through constructive dialogue with national partners and the University's support services, 2021 saw projects linked to the digitisation workshop come to fruition.

At the beginning of the year, the Libraries & Learning Center hosted a group of conservation students from the ENSSIB working on a project to study the feasibility of a national retrospective digitisation programme for PhD theses. The aim of this project, with joint supervision by the ABES was to determine whether it would be worthwhile and feasible to digitise French PhD theses with a view to facilitating access to and searches within this vast corpus.

The study submitted in June recommends establishing an initial core collection by building on the theses already digitised in Lille and in other establishments, before extending the initiative with further digitisation efforts. The pursuit of this project is now being considered in dialogue with UAR Persée, which is responsible for national digitisation policy as part of the CollEx-Persée scientific interest group.

In October, two members of staff travelled to Lyon for training run by Persée on how to structure journal corpora. This partnership falls under an agreement between UAR Persée and the University of Lille. This initial immersion is now being pursued with contributions from staff involved in structuring digitised issues of the journal *Allemagne Aujourd'hui*, published by researchers at the Cecille laboratory. In the long term, the aim is to establish a complete chain that will structure digitised content so as to help researchers with publishing and making use of this corpus.

115 892
pages digitised by the
ANRT in 2021

The revised digitisation rates were determined with the help of the Research support and Piloting support departments at the University and were definitively adopted on 2 December by the Board of Trustees. The new price structure takes into account the personalised nature of support provided and the comprehensive cost of digitisation activities. It addresses the various needs identified: projects run by researchers at the University, expectations voiced by regional partners like the European Metropolis of Lille or the Regional agency for books and reading in Hauts-de-France. It also points to potential partnerships for calls for projects such as CollEx-Persée.

These various advances are testimony to the increasing maturity of the digitisation efforts at the University of Lille libraries. In 2022, these are expected to continue with the unveiling of a shared strategy on digitising library collections across all departments.



Support for systematic reviews

Systematic reviews of the available research literature are a way to establish academic consensus on a topic and identify gaps in the evidence as well as future research avenues.

These are overviews based on a standardised and reproducible methodology. They are considered to offer a very high level of evidence in various domains: healthcare, education, environment, etc. They can be used to steer public policy decisions and inform protocols and recommendations.

Systematic reviews have specific needs in terms of documentation requiring the expertise of academic and technical information literacy professionals at different stages of the project. To meet rising demand, a dedicated team was formed. The aim was to experiment with various approaches to offer support for the practices of researchers from various fields.

Following surveys to learn more about the needs of researchers, and in particular taking inspiration from systematic review services available abroad, this dedicated team has accompanied a wide range of projects, from establishing the initial research question to the dissemination of results.

One of the important phases is to methodically draw up a systematic and reproducible strategy for document searches and the detailed documentation for this strategy. The experimentation phase made it possible to develop specific methodologies, define deliverables and put in place tutorials. The support methods tested range from one-off advice to tutoring and even comprehensive supervision of all aspects relating to library resources.

In 2021, the experimentation phase which lasted from 2018 to 2020 was the subject of an evaluation. This led to a clearly defined offer and a services charter for systematic review projects and similar output with University of Lille affiliation.

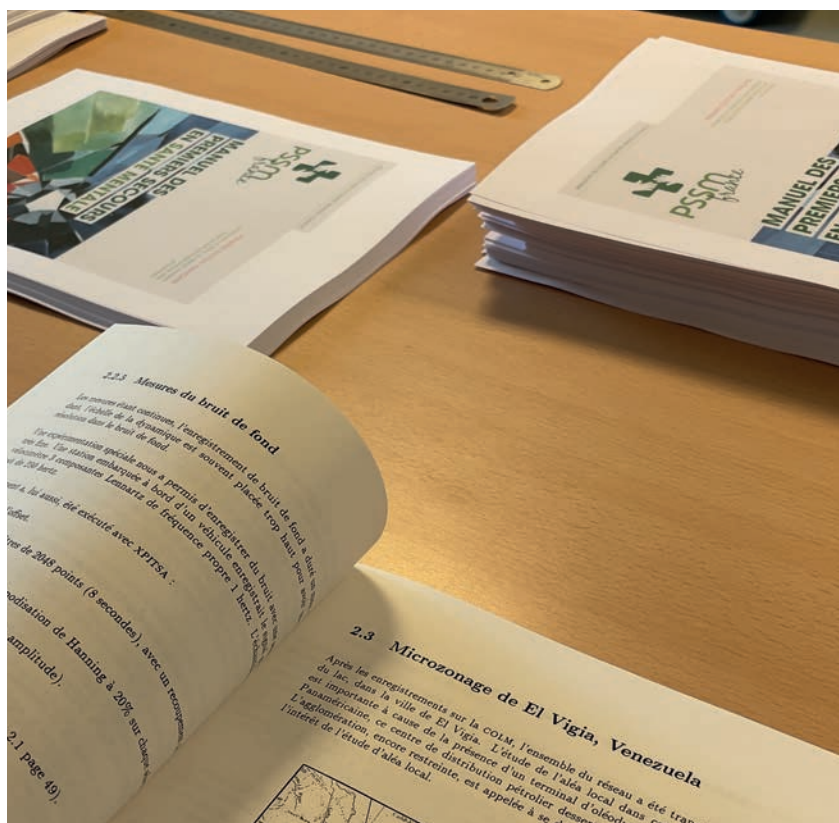
The University libraries now offer:

- **comprehensive supervision of all aspects relating to library resources:** after a meeting with the research team to frame the project, library staff draw up a strategy for document searches and then implement and document this strategy. A dedicated charter sets out the terms of this academic collaboration, ranging from the project concept to the valorisation of its results.

- **consultation:** library staff are available to offer advice on the strategy for document searches, following an initial discussion about the scope of the project.

The experimentation phase confirmed the vitality of academic projects that rely on library resources and involve close collaboration between researchers and library staff. In 2022, the roll-out of this offer will continue with the launch of a communication campaign.

4
projects benefited
from support in
2021



Open Science roadmap

In 2021 the University of Lille adopted a roadmap for Open Science, developed in line with France's national strategy (National plan for Open Science, 2018 and 2021). This was the fruit of collaboration between the Vice President for research, the Libraries and the Department for Research & valorisation. It validates actions already taken and encourages further efforts going forward.

The Open Science roadmap lays out 22 steps which fall under five pillars, three of which are the responsibility of the University libraries:

- opening up scientific publications
- opening up scientific data
- support for initiatives and participation in the Open Science ecosystem

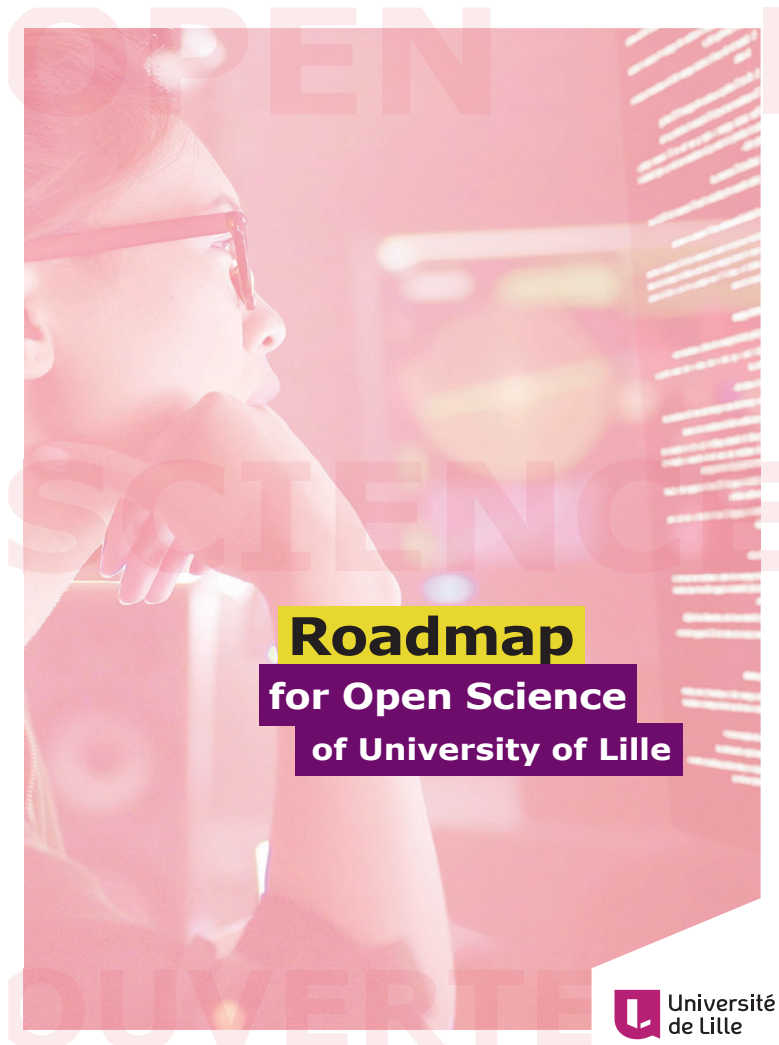
The University libraries also contribute to the pillars for which the Department of Research is responsible: open-access scientific publishing and participatory research.

The roadmap has been an opportunity to identify future prospects and objectives to achieve, while building on what is already underway and the strength of the team formed among library staff. Since 2019, this Open Science team has gradually been reinforced with a view to supporting the University's policy and meeting the needs of research units and researchers.

Six staff members dedicated to Open Sites share responsibility for the University's 60 different research units. Their role is to oversee the entry of each unit in the institutional open archive (LilloA¹) as well as the submission and consultation service which is connected to the national platform HAL.

These staff offer training and awareness-raising to researchers in relation to the technical, ethical and legal challenges of open-access publications. Together with the 4 functional administrators and 7 LilloA moderators, they contribute to the visibility of the University's publications, with 60,000 references now available via the open archive.

In cooperation with these dedicated staff members, a team is gradually being built up to support the management and dissemination of research data: help getting projects off the ground, drafting data management plans, database compliance with FAIR² standards, etc. This means the library team as a whole is collaborating closely with the various departments and research units across the University to ensure a smooth rollout of its Open Science policy.



31
research units
are now active and
visible on LilloA and
the University's HAL
platform.

1. LilloA : *Lille Open Archive*

2. FAIR : Findable, Accessible, Interoperable, Reusable

3 Open Science pillars run by the Libraries

1

Opening up scientific publications

Make publications by Lille researchers accessible, accompany the transition in research communities and support innovative initiatives.

2

Opening up scientific data

In line with the principle "as open as possible, as closed as necessary", where feasible, make scientific data produced by the Lille-based academic community accessible with respect for the FAIR standards (Findable, Accessible, Interoperable, Reusable) and develop a culture for the management and sharing of data.

3

Support for initiatives and participation in the Open Science ecosystem

The University of Lille intends to strengthen its commitment to the development of Open Science through proactive involvement in the ecosystem underpinning it, by supporting virtuous initiatives and participating in local, national and global shared efforts in Open Science.

<https://scd.univ-lille.fr/appui-a-la-recherche/feuille-de-route-science-ouverte/>



Major projects *in 2022*

PEREN

Publishing platform for digital journals

With support from the National fund for Open Science, the University of Lille and its partners will be launching the online PEREN platform to host academic journals published by researchers in the Hauts-de-France region.

A total of 10 journals will have migrated to the platform by February 2023.

Raising awareness of the University's research areas and collaborative work

TDM-ULNE

With financial support from I-Site and in close cooperation with the Department of Research, the University libraries are currently running a feasibility study and proof of concept to develop awareness of the University's research areas and collaborative work.

How can data mining and visualisation technologies help us better understand and describe the research produced at the University and boost its development?

Lillonum: a new digital library

Lillonum will operate with Omeka S software and in the autumn of 2022 will replace IRIS and Nordnum, whose content it will reuse while at the same time offering new possibilities.

That will serve as a tool for the dissemination and valorisation of digitised documents for the benefit of the whole academic community.

Leganto

(Season 2)

Leganto is an application that enables lecturers to include bibliographies with direct links to the library catalogue in an online class on the Moodle platform.

Tests are ongoing with volunteer lecturers to refine the technical settings, with the full-scale roll-out of this new service due in 2022.

Recherche Data Gouv

2022 will see the launch of Recherche Data Gouv, the national platform for research data that is part of the 2nd National plan for Open Science. With an active role in the project's governance and communication, University libraries will also be working in 2022 to make a dedicated institutional space on the platform available to University of Lille researchers.

This space will enable them to submit complementary data to the existing thematic repositories and highlight the datasets they have referenced and disseminated.

Fabrique de la Science Ouverte

(Season 2)

2022 will see the relaunch and improvement of the *Fabrique de la Science Ouverte*, an awareness-raising initiative with a focus on Open Science in practice.

First launched in 2019, the initiative had to be interrupted due to the pandemic. In 2022 various events covering all disciplines will mark its return, positioning it within the framework of the University's Open Science roadmap.

Key indicators

	2017	2018	2019	2020	2021
BUDGET & STAFF					
Budget in € (excl. payroll for permanent positions)	5 845 323	5 183 932	5 254 896	5 826 591	6 334 303*
Annualised number of full-time-equivalent staff members**	-	-	-	187,68	189,54
USER NUMBERS					
Seated capacity	3 633	3 633	3 633	3 633	3 868***
Number of entries	2 148 086	2 169 603	2 262 480	940 991	1 148 061
Number of hours open weekly in normal period (average)	67	68	68	68	73
TRAINING & MEDIATION					
Number of users trained in information literacy	12 562	16 791	18 672	19 810	20 461
Number of pedagogic resources and exam topics available for consultation on IOKE platform	-	-	-	35 250	38 592
Number of events hosted or organised	442	399	417	135	130
Number of visitors to Xperium	2 874	3 457	3 505	1 248	953
LIBRARY ITEMS					
Expenditure on library items	3,7 M€	3,43 M€	3,67 M€	4,25 M€	3,53 M€
Share of library item expenditure allocated to electronic resources	65 %	72 %	73 %	77 %	73 %
Overall volume of printed books and journals (in linear km)	-	-	49,77	51,47	50,90
Number of consultations of electronic items	3 916 405	6 184 868	10 459 318	10 778 156	10 625 222
Number of items loaned	317 873	302 010	260 774	120 393	140 692
Number of digitised pages available for consultation in digital libraries IRIS and NORDNUM	-	-	-	1 675 607	1 714 207
SUPPORT FOR RESEARCH					
Number of files freely available in the open archives (LilloA and U-Lille HAL)	-	-	-	11 394	15 483
Rate of open-access U-Lille publications released in Y-2****	-	-	-	50,8 %	66,8 %
Number of theses and dissertations available for consultation on the PEPITE platform	-	-	-	19 203	19 614
Number of research projects given support	-	17	48	66	81

* The 2021 budget includes new expenditure items, previously covered by other University departments.

** This variable takes into consideration the staff member's workload as well as their work duration during the year (e.g. a person employed full-time for six months is counted as 0.5 full-time-equivalent).

***The rise in this variable is due to the partial renewal of the furniture in the Law & Management library in 2021 (installation of tables with electrical fittings), which enabled the creation of new workstations by redesigning the room layouts.

**** This indicator presents freely available publications as a proportion of the University's output in a given year. Given that the embargo timeframe before open-archive dissemination is possible can range from 0 to 12 months, it was deemed preferable to only account for publications in year-2 (2019 in this case).





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