ANNUAL REPORT TO CENL 2018

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Name of library:	National Library of Luxembourg
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GENERAL OVERVIEW OF RECENT MAJOR DEVELOPMENTS

The construction of the new building for the National Library of Luxembourg (BnL), Plateau de Kirchberg (Luxembourg City) began in June 2014. The relocation of the collections as well as the offices has started on 1st April 2019. The opening is taking place on 30th September 2019.

GETTING THE NEW BUILDING ON KIRCHBERG READY FOR THE RELOCATION AND THE OPENING

The National Library of Luxembourg has actively participated in the planning and set-up of its new building. The main preparative measures taken by the BnL in 2018 were as follows:

- Planning essential aspects of the new reading rooms: self-loan system, book-sorting system, RFID, wireless and cable network, geolocation system, equipment, bookshelves and furniture, etc.
- Participation in the preparation of scope statements for procurements
- Finalisation of the book location plan and the upgrading of the collections for the new reading rooms, allowing free access up to 300,000 documents.
- Development of a guide to selecting the works destined for the new reading room according to the book location plan and classification system. This measure aims at providing the collection managers with thematic lists, inviting them to choose the most adequate works for the new reading room and to update the bibliographic records in our database.
- Configure and implement an IT software simulating the organization of the new reading room in accordance with the book location plan. This software allows the description of shelf space and the calculation of different book location scenarios.
- Optimisation of the book flow.
- Development of a coherent signage in collaboration with a specialised agency.
- Detailed planning of the relocation of BnL's collections and other items.

NOTE OF THE REPORTING LIBRARY'S RELATIONSHIP TO GOVERNMENT, CITATION OF LEGISLATION SETTING OUT THE LIBRARY'S MANDATE, AND ANY OTHER LEGISLATION DIRECTLY OR INDIRECTLY AFFECTING THE LIBRARY'S OPERATIONS.

The National Library of Luxembourg (BnL) is an institution of the Ministry of Culture. Since its creation in 1798, the BnL has been a multifunctional library preserving, collecting and cataloguing all publications issued in Luxembourg as well as those issued abroad relating to the Grand Duchy.

Furthermore, the BnL has an encyclopaedic function: around two thirds of the books in stock originate from abroad, and cover all fields of knowledge. The present missions of the BnL are defined by the law of June 2004, which was modified in 2010.

This law extended and specified the missions of the BnL as national service provider to Luxembourg libraries as well as the coordinator of the bibnet.lu network and the Consortium Luxembourg. In order to obtain government funding, public libraries have to join the national network bibnet.lu.

In May 2019, the bibnet.lu network counts 87 libraries. It uses a shared library system. The libraries' catalogues are added to the collective library catalogue, *catalog.bibnet.lu, and* integrated into www.a-z.lu, a one-stop discovery tool.

The *Bicherbus*, a bookmobile service existing since 1982, is also integrated into the BnL. It travels the country in 16 weekly tours and serves 100 villages in a three-week rhythm.

Furthermore, the legal deposit regulation has been revised and entered into force on 26th September 2018. The number of periodicals to submit to the library has been reduced from 4 to 3 copies.

KEY FIGURES

Registrations and visitors	2018	2017	2016	2015	2014
Registered users[1]	17.028	15.786	14.928	13.601	13.155
Registered users (*Bicherbus*[2])	4.676	4.088	4.274	3.570	3.157
Number of visitors at the BnL [3]	79.443	84.305	78.772	78.591	84.614

DEVELOPMENTS IN CREATING AND BUILDING COLLECTIONS

Developing the library's tools and services:

− Setting up a long-term digital preservation infrastructure, in cooperation with the *Centre des technologies de l'information de l'Etat*[4] and the National Archives, so that the BnL can implement the digital legal deposit and ensure the long-term preservation of digital publications.
− Continuing the analysis to automate the digital legal deposit at the BnL.
− Ongoing technological adaptation of the research tools for the bibnet.lu network and the Luxembourg Consortium in order to capitalize on the potential of ICT.

a-z.lu

a-z.lu, the one-stop discovery tool allows users to search simultaneously in the network catalogue bibnet.lu, in eluxemburgensia.lu (digitized Luxembourgish newspapers, journals, posters and manuscripts), in the consortium.lu ressources (licensed ebooks, ejournals and data bases) and in the database of the Centre national de Littérature (CnL).

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[1] The number only includes users with an expiry date after January 1, 2018.

[2] Registered users of Bicherbus have been integrated in ALEPH in 2014.

[3] Sites Luxembourg and Kirchberg.

[4] State Information Technology Center

Access to digital content

The BnL coordinates the largest digital library in Luxembourg. The current offer consists of **77.800 e-journals**, **620.000 e-books** and over **300 specialized databases** and reference platforms in English, French and German. The contents are accessible via the search engine a-z.lu. Moreover, the browser extension *Library Access* by *LeanLibrary.com* has been added to make research faster and easier.

More than 600.000 bibliographic data from e-books have been significantly enriched and are now more easily found. The BnL's IT division also developed a tool called Ebook Metadata Manager (EMM) that allows the analysis and internal management of a large amount of e-books from different publishers.

The digital library is managed and hosted by the BnL. Its contents are jointly funded by the BnL, the University of Luxembourg and the LIST and LIH public research centres. The digital library grants the users of these institutions access to an increased offer of licensed digital resources.

A new digital collection, targeting the needs of more than ten thousand education professionals, is currently developed in collaboration with the *Institut de Formation de l'Education nationale*[5] (IFEN.lu). The project started in summer 2018. IFEN will henceforth benefit from the advice, acquisition and online services of the BnL's Consortium Luxembourg team.

The government digital library bibgov.lu successfully completed its pilot phase in June 2018. The government program plans to expand the collection with additional subjects, the "pilot" collection being limited to law. At the end of 2018, the BnL and the *Ministère de la Fonction publique et de la Réforme administrative*[6] set up a working group.

Following a study in 2016 and a pilot phase in 2017, the project *Gestion de la transition vers l'Open Access*[7] moved on to its production stage in 2018. A data-driven workflow, called New Metrics, was defined by the Consortium team and set up by the BnL IT department (www.consortium.lu/projects). New Metrics is based on the analysis of the use of licensed content at the level of the individual article and at the level of Luxembourgish scientific publications.

Thanks to Luxembourg Consortium's innovative projects and international collaborations with foreign startups and consortia, the BnL is going to host the European Conference of *the International Coalition of Library Consortia (ICOLC)* in October 2019.

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[5] National Training Institute of Education

[6] Ministry of the Civil Service and Administrative Reform

[7] Management of the transition to Open Access

At the end of 2015, the BnL and the *Conseil supérieur des bibliothèques publiques*[8] launched ebooks.lu, a service that allows public library users to borrow e-books for free for two weeks. The e-books can be downloaded on multiple devices and read offline. The offer currently includes **159.218 e-books** (18% increase) in different languages. A website with additional information about the service was also set up: www.ebooks.lu. Twelve public libraries participate in the project.

Access to digitized content by BnL

The website www.*eluxemburgensia.lu*, driven by DigiTool, gives access to the OCRed digital collection. The METS (Metadata Encoding and Transmission Standard) and ALTO (analyzed layout and text object) technology allow DigiTool to perform a full-text search and to display results at article and page level, with the search term highlighted in the results.

www.eluxemburgensia.lu counts about 60 digitised Luxembourgish periodicals, including 33 new journals such as for instance publications of the *Mouvement écologique* or *L'indépendance luxembourgeoise*. The BnL is also in the process of adding a digital version of the periodical *Heemecht* to the portal and completing the current offer of the digitised newpaper *Luxemburger Wort* with all publications up to 2010. In addition to periodicals, the wide range of digitised resources counts more than **2.6 million articles** and about 450 books from the 19th and 20th century and over 200 Luxembourgish posters from the 19th and 20th century. All contents of www.*eluxemburgensia.lu* are also accessible via www.a-z.lu.

The BnL organized several harvesting campaigns of the Luxembourgish webspace in collaboration with the Internet Archive Foundation. In 2018, the BnL harvested 100.000 Luxembourgish websites, which amounts to 273 million files. In total, 831 million files have been harvested since 2016.

In 2018, the BnL launched the www.*data.bnl.lu* portal as part of the Luxembourg government's Open Data policy. Thanks to www.data.bnl.lu, every citizen will be able to download datasets and use them freely. The open access to BnL data targets a diverse professional audience (data scientists, historians, linguists, digital humanities researchers, developers) and aims to create new synergies beyond the library community.

As the BnL is a founding member of the *Réseau francophone numérique (rfnum),* a subset of its digitized titles in French is available via the rfnum website http://www.rfnum.org. The BnL also contributes to rfnum's blog.

The BnL is an active member of Europeana. Together, they worked on the project *Europeana Awareness* where the BnL continues to supervise the intellectual property section. Along with its partners, the BnL developed the

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[8] Superior Council of Public Libraries

new *Europeana Data Exchange Agreement* as well as the *Europeana Public Domain Charter* and the legal framework for *User generated Content*. Moreover, the BnL helped redevelop Europeana's *Public Domain Calculator* and the newly launched website www.outofcopyright.eu.

In partnership with Europeana and the Digital Public Library of America (DPLA), the BnL launched the service *RightsStatements.org*. It provides 11 standardized rights statements that cultural heritage institutions can use to communicate the copyright status of digital objects. These statements provide a baseline standard for organizations contributing to the DPLA, Europeana and any other digital aggregator that adopts the RightsStatements.org standard. The technical infrastructure is hosted in a datacenter in Luxembourg.

EXAMPLES OF COLLABORATION BETWEEN THE REPORTING LIBRARY AND OTHER NATIONAL COLLECTING INSTITUTIONS (LIBRARIES, ARCHIVES AND MUSEUMS)

The National Library coordinates the network of Luxembourg libraries bibnet.lu (87 members, including the library of the University of Luxembourg, school libraries and specialized libraries).

Mrs Monique Kieffer, director of the BnL, presides over the *Conseil supérieur des bibliothèques publiques*, a council that assembles representatives of the Luxembourgish public libraries.

The BnL is a member of VIAF, *The Virtual International Authority File.* It has signed a contractual agreement with the ISNI International Agency to become an appointed ISO 2772 Registration Agency.

The ICT department of the BnL participated in the International Preservation Day (http://www.dpconline.org/blog/idpd/the-answer-is). BnL is a member of the Digital Preservation Coalition (DPC).

The BnL also contributes to the development of the *Stratégie numérique du patrimoine culturel national*[9] of the Ministry of Culture and to the *Survey on digital cultural heritage in Luxembourg* conducted by the organization *Collection Trust* (http: // collectionstrust.org.uk/).

Furthermore, the BnL is actively involved in the *Sinergia* project *Media Monitoring of the Past; Mining 200 years of historical newspapers* initiated by the *Ecole Polytechnique Fédérale de Lausanne*, Switzerland; the Center for Contemporary and Digital History (C2DH) at the University of Luxembourg and the Institute for Computational Linguistics Zurich at the Swiss National Science Foundation.

 The BnL actively participates in the following organizations:

- IGeLU (The International Group of Ex Libris Users) including the Linked Open Data working group;
- GASCO (German, Austrian and Swiss Consortia Organization);
- ICOLC (International Coalition of Library Consortia)
- UKSG (United Kingdom Serials Group
- IFLA (International Federation of Libraries and Institutions)
- LIBER (League of European Research Libraries)

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[9] Digital Strategy for the National Cultural Heritage

- EBLIDA (European Bureau of Library Information and Documentation)
- AIFBD (International Francophone Association of Librarians and Documentalists)
- *Réseau francophone numérique*

Varia

In 2018, the National Library of Luxembourg hosted several conferences, exhibitions, guided tours of the library as well as school presentations of its online services and collections.