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<td></td>
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</tr>
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</table>
ow milestones stand out in 2022, alongside the development of a coherent and collaborative open science policy involving States as well as financing agencies, institutions and all the stakeholders within this movement.

Firstly, the Paris Call to reform the current research assessment system to include all research outputs, which led to the signature of an agreement on reforming research assessment. Secondly, the action plan established for Diamond open access, whose goal is to build an ecosystem based on this model, placing it in the hands of the academic community. Both initiatives were presented at the Open Science European Conference (OSEC).

OpenEdition has been working on both issues for a long time. Keen to promote bibliodiversity, regardless of language and type of publication, OpenEdition makes a point of embracing publishing projects of all kinds whose scientific merit has been reviewed by peers and our scientific committee. OpenEdition has also long been supporting the development of a sustainable Diamond model through its OpenEdition Freemium program. These milestones reinforce and confirm the key role Open Edition plays in spreading the open science message.

The achievements presented in this report reflect the work carried out by the OpenEdition team, day in, day out.

Our effort as a team to help our communities is perfectly illustrated by the new addition to our training offer – an online training platform: https://training.openedition.org/, the development of Lodel 2, the preparation of all OpenEdition Books and OpenEdition Journals sites for the next migration, the submission of five prize-winning Horizon Europe projects which will boost the development of the European infrastructure OPERAS, and, last but not least, the launch of the EquipEx+ COMMONS project, submitted during the first lockdown and awarded a Cristal Collectif prize by the CNRS, with the awards ceremony only taking place in November 2022. All of those achievements embody “our brazen ambition, but also the modesty of the digital wizards working hard behind the scenes, without whom these infrastructures that support knowledge commons – collectively owned knowledge – would not exist”.

1. Speech given by Sandra Guigonis on behalf of the COMMONS team at the Cristal Collectif awards ceremony.
Our Team

MANAGEMENT TEAM

Jean-Christophe Souplet
Deputy Director
IT

Pierre Mounier
Deputy Director
INTERNATIONAL

Sandra Guigonis
Deputy Director
PUBLISHING

IT SERVICES
- IT Development
- System Administration
- Data Services
- IT Equipment

INTERNATIONAL RELATIONS
- International development

PUBLISHING DIVISION
- Support and Training
- Research Blogging
- Academic Events
- Books and Journals

OPENEDITION COMMUNITIES

STEEERING COMMITTEE

UNIT BOARD

SCIENTIFIC COMMITTEES

PARTNERS

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OUR TEAM

SECTEUR DIRECTION

Marie Pellen
Director, Head of the Management Team

Carole Bedrossian
Secretary General

Marin Dacos
Policy Officer

Simon Dumas-Primbault
Junior Professorship – Open Science in SSH

Élodie Faath
COMMONS Project Manager

MEMBERSHIP UNITS

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Membership Officer

Étienne Quinn
Membership Officer

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Laïlla Couderq
Financial and Accounting Manager

Sophie Girardin
Department Manager

COMMUNICATION

Christina Cantrel
Department Manager

Camille Mattei
Communications Officer

FREEMIUM SERVICE

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Bookseller, Department Co-Manager

Saïda Osman
Administrative Management Assistant

Breno Santos
Library Partnerships Officer

Julie Thérizols
Library Partnerships Officer, Department Co-Manager

IT SERVICES

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Deputy Director, Head of IT Services

IT DEVELOPMENT

Roland Haroutiounian
Department Manager

Joseph Mounier
Software Developer

Hélène Prieto
Software Developer

Benoît Ricard
Frontend Developer

Nicolas Vernot
Developer

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Department Manager

Nour Baker
System Administrator

SERVICE DONNÉES

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Document Information Systems Administrator

Émilie Cornillaux
Document Information Systems Administrator

Mathieu Orban de Xivry
Project Leader

Jean-François Rivière
Department Manager

IT EQUIPMENT UNIT

Cédric Rios
IT Equipment Manager

SECTEUR INTERNATIONAL

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Deputy Director, Head of International Relations

INTERNATIONAL DEVELOPMENT

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OPERAS Community Manager

Emma Fanget
Community Manager COESO

Arnaud Gingoïd
Technical Coordinator for European Programs

Baptistin Hin
COESO Project Manager

Jimmy James
DIAMAS Project Manager

Alessia Smaniotto
Department Manager, OPERAS Projects Coordinator

PUBLISHING DIVISION

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Deputy Director, Head of the Publishing Division

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Documentation Officer

Laurent Delvalle
Instructional Designer

Gwenn Dossmann
Editorial Officer

Élodie Picard
Department Manager

RESEARCH BLOGGING

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Hypotheses Community Support Officer

Céline Guilleux
Scientific Validation Officer

François Pacaud
Department Manager

Michel Tamarin
Web Project Manager

SERVICE ÉVÉNEMENTS SCIENTIFIQUES

Lucie Choupaut
Scientific Validation Officer

Céline Guilleux
Department Manager

Elsa Zotian
Scientific Validation Officer

SERVICE LIVRES ET REVUES

Lucie Delaunay
Editorial Officer

Ioanna Faita
Editorial Officer

Cédric Gautier
Department Manager

Anne-Sibylle Loiseau
Editorial Officer

Julien Mairey
Editorial Officer

Julie Pynte
Editorial Officer

Amandine Texier
Editorial Officer

Organization Chart as of 1 March 2023
OpenEdition in brief

**Annual visits**
Number of annual visits in millions (2013-2022)

*There was a drop in visits, which we are currently investigating. As this annual report goes to press, not all the information required to explain the drop is available.*

**Documents published**
Number of documents published on OpenEdition (1999-2022)

1999-2008: 91,000
2009: 115,000
2010: 142,000
2011: 177,000
2012: 280,000
2013: 310,000
2014: 384,000
2015: 465,000
2016: 551,000
2017: 643,000
2018: 724,000
2019: 831,000
2020: 963,000
2021: 1,064,000
2022: 1,161,000
Visits to OpenEdition in 2022
In millions of visits

Journals, Hypotheses, Calenda: There was a drop in visits, which we are currently investigating. As this annual report goes to press, not all the information required to explain the drop is available.

A multilingual infrastructure
Documents published on OpenEdition by language

<table>
<thead>
<tr>
<th>LANGUAGE</th>
<th>ON 31 DECEMBER 2022</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Français</td>
<td>805,505</td>
<td>69.5</td>
</tr>
<tr>
<td>Anglais</td>
<td>131,378</td>
<td>11.3</td>
</tr>
<tr>
<td>Allemand</td>
<td>119,579</td>
<td>10.3</td>
</tr>
<tr>
<td>Espagnol</td>
<td>46,970</td>
<td>4.0</td>
</tr>
<tr>
<td>Portugais</td>
<td>27,080</td>
<td>2.3</td>
</tr>
<tr>
<td>Italien</td>
<td>22,175</td>
<td>1.9</td>
</tr>
<tr>
<td>Autres,langues</td>
<td>8,630</td>
<td>0.7</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,161,317</td>
<td>100</td>
</tr>
</tbody>
</table>
Visitors to OpenEdition

In millions of visits

<table>
<thead>
<tr>
<th>COUNTRIES VISITING OPENEDITION</th>
<th>In millions of visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>98.1</td>
</tr>
<tr>
<td>World (outside Europe)</td>
<td>49.0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>49.1</td>
</tr>
</tbody>
</table>

**TOP 6**

- France: 32.0
- United States: 4.3
- Morocco: 4.0
- Italy: 3.4
- Algeria: 3.2
- Mexico: 2.7

Visitors to OpenEdition Journals

In millions of visits

<table>
<thead>
<tr>
<th>COUNTRIES VISITING THE PLATFORM</th>
<th>In millions of visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>62.3</td>
</tr>
<tr>
<td>World (outside Europe)</td>
<td>28.9</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>33.4</td>
</tr>
</tbody>
</table>

**TOP 6**

- France: 18.7
- United States: 3.0
- Morocco: 2.6
- Algeria: 2.4
- Italy: 2.3
- Brazil: 1.9

Visitors to Hypotheses

In millions of visits

<table>
<thead>
<tr>
<th>COUNTRIES VISITING THE PLATFORM</th>
<th>In millions of visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>12.1</td>
</tr>
<tr>
<td>World (outside Europe)</td>
<td>8.4</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>20.5</td>
</tr>
</tbody>
</table>

**TOP 6**

- France: 5.2
- Germany: 1.2
- United States: 0.7
- Spain: 0.3
- Mexico: 0.3
- Morocco: 0.2

Visitors to OpenEdition Books

In millions of visits

<table>
<thead>
<tr>
<th>COUNTRIES VISITING THE PLATFORM</th>
<th>In millions of visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>22.4</td>
</tr>
<tr>
<td>World (outside Europe)</td>
<td>11.0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>33.4</td>
</tr>
</tbody>
</table>

**TOP 6**

- France: 7.3
- Morocco: 1.0
- Italy: 0.8
- Ivory Coast: 0.7
- Algeria: 0.6
- Mexico: 0.6

Visitors to Calenda

In millions of visits

<table>
<thead>
<tr>
<th>COUNTRIES VISITING THE PLATFORM</th>
<th>Number of visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>1.2</td>
</tr>
<tr>
<td>World (outside Europe)</td>
<td>0.7</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>1.2</td>
</tr>
</tbody>
</table>

**TOP 6**

- France: 560,184
- Morocco: 82,573
- Cameroon: 66,742
- Algeria: 47,591
- Tunisia: 39,338
- United States: 33,103
Where OpenEdition content comes from
Locations of editorial teams, blogs, events and book publishers
**OpenEdition Journals**
Journal editorial team locations (online journals)

Number of teams

<table>
<thead>
<tr>
<th>Total</th>
<th>France</th>
<th>Europe (excluding France)</th>
<th>Monde (excluding Europe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>469</td>
<td>81</td>
<td>55</td>
</tr>
</tbody>
</table>

**OpenEdition Books**
Publisher locations

Number of publishers

<table>
<thead>
<tr>
<th>Total</th>
<th>France</th>
<th>Europe (excluding France)</th>
<th>Monde (excluding Europe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>124</td>
<td>76</td>
<td>29</td>
<td>19</td>
</tr>
</tbody>
</table>

**Hypotheses**
Blog locations

Number of blogs

<table>
<thead>
<tr>
<th>Total</th>
<th>France</th>
<th>Europe (excluding France)</th>
<th>Monde (excluding Europe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,402</td>
<td>3,341</td>
<td>81</td>
<td>249</td>
</tr>
</tbody>
</table>

**Calenda**
Events locations

Number of events

<table>
<thead>
<tr>
<th>Total</th>
<th>France</th>
<th>Europe (excluding France)</th>
<th>Monde (excluding Europe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>44,174</td>
<td>34,038</td>
<td>6,244</td>
<td>3,892</td>
</tr>
</tbody>
</table>
Applications (2013-2022)

Member journals and online journals since platform creation

Submitted in 2022
Accepted
Deferred or rejected
Access policy (December 2022)

- Paywall
- Open access
- All open access
- Freemium access

Main languages of publication

<table>
<thead>
<tr>
<th>LANGUAGE</th>
<th>NUMBER OF DOCUMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>259,572</td>
</tr>
<tr>
<td>English</td>
<td>35,254</td>
</tr>
<tr>
<td>Spanish</td>
<td>15,347</td>
</tr>
<tr>
<td>Italian</td>
<td>11,187</td>
</tr>
<tr>
<td>Portuguese</td>
<td>9,891</td>
</tr>
<tr>
<td>German</td>
<td>2,392</td>
</tr>
<tr>
<td>Other</td>
<td>3,378</td>
</tr>
</tbody>
</table>

Increase in open access (2013-2022)

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Paywall</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open access</td>
<td>58</td>
<td>65</td>
<td>69</td>
<td>74</td>
<td>75</td>
<td>76</td>
<td>78</td>
<td>80</td>
<td>81.5</td>
<td>84</td>
</tr>
<tr>
<td>Freemium access &amp; Open access</td>
<td>42</td>
<td>35</td>
<td>31</td>
<td>26</td>
<td>25</td>
<td>24</td>
<td>22</td>
<td>20</td>
<td>18.5</td>
<td>16</td>
</tr>
</tbody>
</table>

CONTENTS
Hypotheses
Social sciences and humanities blogs

Number of blogs since platform creation

Published posts by language

<table>
<thead>
<tr>
<th>LANGUAGE</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>47.8</td>
</tr>
<tr>
<td>German</td>
<td>18.9</td>
</tr>
<tr>
<td>English</td>
<td>12.3</td>
</tr>
<tr>
<td>Spanish</td>
<td>3.0</td>
</tr>
<tr>
<td>Portuguese</td>
<td>2.3</td>
</tr>
<tr>
<td>Italian</td>
<td>0.8</td>
</tr>
<tr>
<td>Other languages</td>
<td>14.9</td>
</tr>
</tbody>
</table>
OpenEdition Communities
Research community

- **OpenEdition Journals**: 34 candidate journals
- **OpenEdition Books**: 26 new collections submitted

Daily users

- **47,256** subscribers to OpenEdition newsletters (in French and English)
- **15,500** @OpenEditionActu followers on Twitter
- **3,860** (Lodel) and **35,636** (Wordpress) user accounts with read-write access on a platform (via Lodel or Wordpress)

**Hypotheses**

- **14 applications per week**

**Calenda**

- Around **260** announcements submitted per month

**User requests processed in 2022**

<table>
<thead>
<tr>
<th>Category</th>
<th>Discussion threads</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>2,200</td>
<td>Discussions on the launch of new publishing websites, new collections and new publications</td>
</tr>
<tr>
<td>Journals</td>
<td>3,200</td>
<td>Discussions on publishing projects and journal websites and their changes (access policies, manuscript proofs, features, etc.)</td>
</tr>
<tr>
<td>Hypotheses</td>
<td>322 posts on the support forum</td>
<td>Posts on how to use Hypotheses blogs (publishing and technical issues), administrative posts (application tracking, login problems), and general topics</td>
</tr>
<tr>
<td>Calenda</td>
<td>2,250 posts</td>
<td>Requests for additional information, changes and updates</td>
</tr>
<tr>
<td>Freemium</td>
<td>20,000 discussion threads</td>
<td>User access issues, information about the Freemium program and support for Freemium publishers and partner libraries</td>
</tr>
</tbody>
</table>

* Each discussion thread can involve anywhere from 1 to 50 posts exchanged between OpenEdition’s teams (Support and Training, Journals, and Books) and journal and book publishing teams.
System Architecture and Software
High-availability architecture

High-availability architecture is constantly improving and less subject to “technical debt” than software layers. The concept is based on load-balancing (the distribution of loads across multiple servers), redundancy, and multilevel caching. The architecture runs in a virtual environment to maximize hardware efficiency and make it easier to allocate additional resources as needed. It is built exclusively on free-license software modules.

During 2022, we improved our computing power and extended our file system capacity to about 35 TB, by acquiring six new hypervisors.

We also overhauled part of our backup procedures, and rolled out a systematic snapshot policy for the virtual machines that make up our information system. On top of that, we created a public web page displaying the availability status of the different platforms: https://openedition.github.io/OEStatus/.

The page enables you to track any incidents and their resolution; it is a high-availability indicator.
**FAIR data management**

**A new traffic reporting service**
In 2022, we introduced a new Matomo-based traffic reporting service to replace the original AWStats-driven service available to our communities publishing content on our four platforms. Everyone has access to this new service at the following web address: https://analytics.openedition.org. The new service is part of a project launched to update all our usage statistics systems. The project began in 2017, when we started using Matomo for platform traffic reporting, and continued in 2020, when we set up a COUNTER 5 reporting service aimed at institutions having signed up to the Freemium program.

**Permanent archiving**
The permanent archiving of OpenEdition content is still ongoing. Digital archiving is performed in partnership with the Centre informatique national de l'enseignement supérieur (CINES) and Huma-Num. By the end of 2022, there were over 7,000 works archived on the CINES platform, which equates to over 200,000 image files (JPEG or PNG) and over 100,000 TEI files.

**Personal data processing**
In 2022, we continued to work on compliance by taking account of new personal data processing operations: evaluation of publisher applications, Calenda announcements, COUNTER usage statistics, surveys, Moodle learning platform.

**Indexing**
OpenEdition indexes documents published on our website in leading databases. Among our achievements in 2022, we submitted a list of journals and the metadata from their articles to the Directory of Open Access Journals (DOAJ) for indexing. By the end of 2022, 220 of the website’s journals and metadata for 103,000 of their articles had been indexed in the DOAJ.

**Generic data models**
To prepare for the migration of data from the Journals and Books platforms to a new Lodel software version, OpenEdition began working on the data models used for these platforms. The idea was to design a generic data model and bring the existing websites into line with this model. All the OpenEdition Books websites and 84% of the OpenEdition Journals websites were harmonized in 2022.

**Processing of data to implement OpenEdition’s license policy**
In view of OpenEdition’s new license policy, we adapted the data models and blueprints for the Journals and Books platforms accordingly. We processed the existing data on these platforms to incorporate these developments. The system now lets you choose which license will be applied by default to all future publications for each journal/publisher.
Platform software development

Building and upgrading OpenEdition’s platforms requires us to develop and maintain a number of applications. Some of them use external components, but some of the software has been developed entirely in-house. These software solutions are part of OpenEdition’s scientific output.

In 2022, all of our software underwent basic maintenance (debugging, minor feature upgrades, coding updates, etc.), and some received a full version upgrade.

Public and professional interface software

LODEL
CMS for publishing digital content
Status in 2022:
• Version 1.0.X: performed basic corrective maintenance.
• Version 2.0.0: in development using the Symfony framework. Implementation of the features and associated modules (XML/TEI parser, porting of the PDF and ePub 3 generator, etc.) required to roll out the Books platform.

Freemium workspace
Managing and administrating Freemium operations (sales via the library extranet) and book operations (publisher extranet)
Status in 2022: performed corrective maintenance and updates, including updating of the UNIMARC records produced, finalizing delivery note management, optimizing data export formats, etc.

COUNTER 5
COUNTER 5 usage statistics made available for subscribing institutions and the publishing teams of OpenEdition Journals and OpenEdition Books platforms
Status in 2022: performed corrective maintenance and updates, including updating of Symfony PHP, debugging and installation of Logstash, and added new features, including opening up part of the service, with no login authentication.

Information system fundamentals

Core
The core of the OpenEdition information system, centralizing login interfaces for all services
Status in 2022: performed corrective maintenance and updates. Development underway on implementing persistent identifiers and compatibility with Lodel 2.

Auth
Centralization service for login authentication/authorization to OpenEdition content
Status in 2022: performed basic corrective maintenance, including modifying the API as part of setting up the COUNTER 5 usage statistics service.

Software for additional features

OTX (github)
Converts documents (.doc, .docx, .odt, XML) to XML-TEI, the primary format used for uploading to the information system
Status in 2022: performed corrective maintenance.

Long-term PAC archiving client
Internal interface for long-term archiving of our content on CINES PAC
Status in 2022: performed corrective maintenance and updates to the current version. Complete overhaul of the GUI to improve user-friendliness and performance. Work continued on implementing VITAM, an interministerial digital archiving program.

Bilbo
Automatically annotates bibliographic references
Status in 2022: performed corrective maintenance following the roll-out of version 2.0.

PDF Epub
Generates electronic documents from our platforms in PDF and ePub formats
Status in 2022: performed corrective maintenance.
OpenEdition: Challenges Ahead
OpenEdition Freemium

OpenEdition Freemium is a partnership program open to institutions (libraries, campuses, research centers). Its mission is to help build a sustainable financial model for open access. There are two options, one for journals and one for books.

Journals

The number of subscribers remained stable at around 175 libraries and institutions, whereas the size of our journal bundle continued to grow, accounting for approximately 30% of journals published on OpenEdition Journals. Over 250 institutions have access to the Freemium bundle of journals at no cost through our partnership with EIFL.

In France, the second five-year scientific publication support plan was launched in 2022 by MESR, Couperin, and ABES. The journals accepted under this support plan become open access and adopt a Creative Commons license in return for financial support, which they will receive every year for the duration of the plan. They join the Freemium journal bundle as bonus titles. Three journals benefited from this support in 2022.

Books

The pandemic caused a sharp increase in the demand for e-books in academia in 2020 and 2021. In 2022 demand slowed down, with a significant drop in orders from institutions, and business returned to average pre-Covid levels. Bookshops experienced the same kind of trends, but with a smaller drop in sales.

International development has resumed, leading to a partnership negotiated with Amalivre in 2022 for the distribution of works in non-French-speaking libraries.

145 institutions are Freemium for Books partners, including nine institutions that joined in 2022 (two French institutions, seven foreign institutions – including six in Europe and one in North America).

New Freemium services in 2022

Partners have access to services that come with OpenEdition Freemium for Books and OpenEdition Freemium for Journals.

In 2022, the Freemium for Books service was revised to better serve libraries:

→ The subscription to Freemium for Books now includes an Evidence Based Acquisition (EBA) option so that, at the end of the subscription period, the subscriber acquires a certain number of books worth a set amount.

This option provides access to 77% of the OpenEdition for Books catalog at an affordable price, while still actively supporting publishers of open access materials;

→ The New Releases service (standing order for collections) expanded its offer to 148 collections from 31 publishers. A choice of two ordering options is now available: by collection or by title within collections;

→ We created a standing order service for books, by title or based on certain criteria for a discipline.

Several new services were developed in 2022:

→ We continued to expand our range of targeted webinars;

→ We improved the calculation method for COUNTER 5 certified usage statistics;

→ We devised OpenEdition’s license policy.

<table>
<thead>
<tr>
<th>Year</th>
<th>REVUES</th>
<th>LIVRES</th>
<th>JOURNALS + BOOKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>141,500</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2014</td>
<td>187,500</td>
<td>284,500</td>
<td>472,000</td>
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<tr>
<td>2015</td>
<td>197,000</td>
<td>318,000</td>
<td>515,000</td>
</tr>
<tr>
<td>2016</td>
<td>208,600</td>
<td>368,200</td>
<td>576,800</td>
</tr>
<tr>
<td>2017</td>
<td>245,750</td>
<td>260,200</td>
<td>505,950</td>
</tr>
<tr>
<td>2018</td>
<td>473,400</td>
<td>416,250</td>
<td>889,650</td>
</tr>
<tr>
<td>2019</td>
<td>470,530</td>
<td>501,331</td>
<td>971,861</td>
</tr>
<tr>
<td>2020</td>
<td>531,730</td>
<td>589,891</td>
<td>1,121,621</td>
</tr>
<tr>
<td>2021</td>
<td>546,899</td>
<td>705,206</td>
<td>1,252,105</td>
</tr>
<tr>
<td>2022</td>
<td>546,413</td>
<td>427,992</td>
<td>974,405</td>
</tr>
</tbody>
</table>

### Revenue from Freemium products (%)

- **Publishers**: 66.6%
- **OpenEdition**: 33.4%

* Two payments are made out of the amount received by OpenEdition: one to Aix-Marseille Université and the other to its subsidiary, Protisvalor, operator of the Freemium program.
Sales by e-book seller (2022 – in euros)


RETAILERS
- Amazon Kindle
- 7switch
- Apple iBookstore
- Cyberlibris
- Kobo
- Fnac.com
- Google Play
- Other (mostly independent bookshops)
- Decitre Interactive
- ePagine
- leslibraires.fr
Year-on-year growth in Freemium journal revenue and subscribers

- Subscribers (cumulative)
- Non-paying subscribers*
- Revenue (€)

* Drop linked to institutional mergers.
6 new subscribers in 2022.

** Institutions in low-income countries (see classification by the World Bank) may request access to the Freemium journal bundle through our partnership with EIFL (number as of December 31, 2022)
Year-on-year growth in revenue and number of institutional purchasers of e-books

Revenue in € (excluding revenue by e-book sellers)
Purchasers (cumulative)
International development

OpenEdition’s international growth strategy is centered around the coordination and expansion of OPERAS, a European research infrastructure that promotes open academic communication in the social sciences and humanities (SSH). All the members of OpenEdition’s International Development Department are involved in the various national and international projects that contribute to infrastructure development, especially within the framework of the Horizon 2020 and Horizon Europe programs. OPERAS is part of the ESFRI (European Strategy Forum on Research Infrastructures) Roadmap. During 2022, AISBL OPERAS continued to grow (6 people employed by OPERAS as of December 2022), further boosting the infrastructure’s coordination capacity.

OPERAS is run by OpenEdition and consists of 10 institutions (core, or founding members) that make up its executive committee. The European project OPERAS-PLUS, launched in September 2022, supports this common effort to build an infrastructure with a pan-European reach, through the cooperation of 13 partners from 12 different European countries and two partners from the United Kingdom, as well as through exchanges with other projects already underway (COESO, TRIPLE and DIAMAS) and new projects launched in 2022 (including Skills4EOSC, CRAFT-OA, PALOMERA).

OpenEdition members generally contribute to OPERAS by:

→ Promoting the Diamond publishing model for journals;
→ Promoting open access for SSH research monographs;
→ FAIRifying data and SSH publications to help develop a pan-European network of open access and data research knowledge hubs;
→ Developing a new participative SSH research service (the VERA platform);
→ Coordinating OPERAS’s international community, including the Assembly of the Commons and the Special Interest Groups (SIG).

Activities in 2022

→ Under the French presidency of the Council of the European Union: participated in the Open Science European Conference (OSEC) in February 2022, on the topic of the future of scholarly publishing1, and organized OPERAS’s participation in the High-level Conference on Citizen Engagement in European Missions (March 2022), in the shape of a discussion on the role of participatory research and scientific crowdfunding in supporting and encouraging citizen engagement in research.

→ Participated in the international Diamond Open Access Conference held in Zadar, Croatia, in September 2022, alongside Science Europe.

→ Worked alongside the Commons Standards and FAIR Principles SIGs, as well as the CO-OPERAS project, to establish a support program for a certain number of OpenEdition publishers, to improve the quality of publication metadata.

→ As part of the TRIPLE project, worked on streamlining data harvesting to stabilize the metadata acquisition process. This was done by harvesting data from large aggregators (OpenAIRE, Isidore, DOAJ, DOAB) and offering a streamlined solution to other stakeholders (e.g. OpenEdition) to help them harvest their metadata directly.

→ Provided support for the creation and publication of research blogs for ten pilot citizen science projects overseen by the COESCO project, and contributed to the European Citizen Science Association’s public

1. OPEN SCIENCE EUROPEAN CONFERENCE.
consultation on the criteria for identifying a citizen science project.

- Coordinated a meeting between the various European infrastructures dedicated to SSH (CESSDA, CLARIN, DARIAH and OPERAS) to discuss the uptake of FAIR principles by the research community and how they are implemented in the services offered by the infrastructures. Further discussions will take place as part of the SSH Open Cluster.

- Created a series of videos on data papers, with Huma-Num, as part of the EOSC-Pillar project. The videos address the scope of the data paper, the tools and ecosystem that defines it, as well as the gaps that still need to be filled to facilitate their creation and accessibility.

- Launched the DOAB’s PRISM (Peer Review Information Service for Monographs) service enabling scholarly publishers to display their peer review process throughout their catalog.

### Figures 2022

#### Publications

- **67** documents published
- **10,255** visits for the most-viewed document
- **6,850** downloads for the most-downloaded document

#### Projects

- **10** international collaborative projects or national projects to which OPERAS contributes: TRIPLE, COESO, OPERAS-PLUS, DIAMAS, Skills4EOSC, OAeBU, Translation and Open Science Project, CO-OPERAS, OPERAS-GER, OPERAS-PL
- 8 projects submitted in 2022: OPERAS-PLUS, PALOMERA, CRAFT-OA, DIAMAS, Skills4EOSC, GRASP-OA, OAeBU.
Publications

Publication


Policy Brief


Preprint


Barthonnat Céline, Gingold Arnaud, Mas François-Xavier (2022). Des outils pour la communication scientifique ouverte en sciences humaines et sociales : Présentation du Livre blanc élaboré par le Special Interest Group "Tools Research and Development" d’OPERAS. <hal-03606263>

Conference papers


Rouault Mathieu, Henri Agnès, Guigonis Sandra, Beffara Vincent, Mochon Jean-Philippe, et al. (2022). "Faut-il jeter les maisons d'édition scientifique à la poubelle?". *SMF 150 - 150 ans de la Société mathématique de France*, Paris, France. <hal-03661025>
## Appendix 1.  
### 2022 Budget

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXPENDITURE</strong></td>
<td><strong>€ 3,584,412.14</strong></td>
</tr>
<tr>
<td><strong>PAYROLL</strong></td>
<td></td>
</tr>
<tr>
<td>A. OpenEdition - administration (publishing, document, and academic platform)</td>
<td>€669,211.75</td>
</tr>
<tr>
<td>B. OpenEdition - technology platform</td>
<td>€847,320.44</td>
</tr>
<tr>
<td>C. OpenEdition - user platform</td>
<td>€891,751.55</td>
</tr>
<tr>
<td>D. OpenEdition - international growth</td>
<td>€255,293.21</td>
</tr>
<tr>
<td>E. OpenEdition - contribution to stable employment</td>
<td>€272,492.15</td>
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<tr>
<td><strong>MISSIONS</strong></td>
<td>€11,669.70</td>
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<tr>
<td><strong>OPERATIONAL COSTS</strong></td>
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<tr>
<td><strong>DELIVERY OF SERVICES</strong></td>
<td>€533,084.13</td>
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<tr>
<td><strong>EQUIPMENT</strong></td>
<td>€67,905.50</td>
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### Income

€ 3,584,412.14

<table>
<thead>
<tr>
<th>Permanent Employee Payroll</th>
<th>€</th>
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<tbody>
<tr>
<td>CNRS</td>
<td>1,234,585.29</td>
</tr>
<tr>
<td>EHESS</td>
<td>204,776.54</td>
</tr>
<tr>
<td>AMU (Aix-Marseille University)</td>
<td>137,432.25</td>
</tr>
<tr>
<td>Avignon University</td>
<td>56,377.50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Endowments</th>
<th>€</th>
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<tr>
<td>Avignon University</td>
<td>30,000.00</td>
</tr>
<tr>
<td>AMU (Aix-Marseille University)</td>
<td>50,000.00</td>
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<tr>
<td>EHESS</td>
<td>40,000.00</td>
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<tr>
<td>MESR</td>
<td>600,000.00</td>
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<tr>
<td>CNRS</td>
<td>88,000.00</td>
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<table>
<thead>
<tr>
<th>Other Income</th>
<th>€</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cairn income</td>
<td>35,000.00</td>
</tr>
<tr>
<td>Journal styling</td>
<td>11,022.20</td>
</tr>
<tr>
<td>Freemium income</td>
<td>226,469.95</td>
</tr>
<tr>
<td>CNRS, exceptional</td>
<td>167,000.00</td>
</tr>
</tbody>
</table>

\[\text{Income excluding permanent employee payroll} = 1,960,782.58\]
Appendix 2.
OpenEdition information system diagram
Appendix 3. DOI

OpenEdition submits DOIs to Crossref for OpenEdition Journals and OpenEdition Books platforms. An automatic bibliography-based DOI search process means the DOIs of some references can be found and links created to the documents cited. In parallel, the system retrieves and displays the DOIs of resources citing the documents published on OpenEdition ("cited by").

<table>
<thead>
<tr>
<th>DOIs acquired (total)</th>
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<tbody>
<tr>
<td>2018</td>
</tr>
<tr>
<td>211,707</td>
</tr>
<tr>
<td>2019</td>
</tr>
<tr>
<td>276,569</td>
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<tr>
<td>2020</td>
</tr>
<tr>
<td>427,188</td>
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<tr>
<td>2021</td>
</tr>
<tr>
<td>469,362</td>
</tr>
<tr>
<td>2022</td>
</tr>
<tr>
<td>522,269</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>DOIs detected automatically in OpenEdition Journals bibliographies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bibliographical references</td>
</tr>
<tr>
<td>2018</td>
</tr>
<tr>
<td>2019</td>
</tr>
<tr>
<td>2020</td>
</tr>
<tr>
<td>2021</td>
</tr>
<tr>
<td>2022</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DOIs detected automatically in OpenEdition Books bibliographies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bibliographical references</td>
</tr>
<tr>
<td>2018</td>
</tr>
<tr>
<td>2019</td>
</tr>
<tr>
<td>2020</td>
</tr>
<tr>
<td>2021</td>
</tr>
<tr>
<td>2022</td>
</tr>
</tbody>
</table>
### “Cited by” documents in OpenEdition Journals

<table>
<thead>
<tr>
<th>Year</th>
<th>Citables documents</th>
<th>Documents cited at least once</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>107,590</td>
<td>15,930</td>
<td>14.81</td>
</tr>
<tr>
<td>2019</td>
<td>123,360</td>
<td>20,031</td>
<td>16.24</td>
</tr>
<tr>
<td>2020</td>
<td>241,586</td>
<td>27,859</td>
<td>11.53</td>
</tr>
<tr>
<td>2021</td>
<td>263,648</td>
<td>38,339</td>
<td>14.54</td>
</tr>
<tr>
<td>2022</td>
<td>291,464</td>
<td>44,511</td>
<td>15.27</td>
</tr>
</tbody>
</table>

### “Cited by” documents in OpenEdition Books

<table>
<thead>
<tr>
<th>Year</th>
<th>Citables documents</th>
<th>Documents cited at least once</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>104,380</td>
<td>2,800</td>
<td>2.68</td>
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<tr>
<td>2019</td>
<td>156,101</td>
<td>5,148</td>
<td>3.3</td>
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<tr>
<td>2020</td>
<td>189,034</td>
<td>8,597</td>
<td>4.55</td>
</tr>
<tr>
<td>2021</td>
<td>207,126</td>
<td>11,267</td>
<td>5.44</td>
</tr>
<tr>
<td>2022</td>
<td>232,521</td>
<td>14,223</td>
<td>6.12</td>
</tr>
</tbody>
</table>

1. The number of citable documents corresponds to the number of documents with a DOI.

2. The percentage dropped in 2020 because the submission of DOIs was extended to all types of documents published on the OpenEdition Journals platform.

3. The table shows the total number of documents having a DOI on the platform, or in other words, a DOI for each book and each chapter within the book. If we look at so-called “book” documents with a DOI, in 2022, there were 232,521 citable books, including 14,223 works that were cited at least once (i.e. 6.12%)
Appendix 4. Main indexing databases

**Journals**
- DOAJ (Directory of Open Access Journals)
- BASE (Bielefeld Academic Search Engine)
- EZB (Elektronische Zeitschriftenbibliothek)
- Google Scholar
- Journal TOCs
- Latindex
- MIAR
- Mir@bel
- SUDOC (Superintendent of Documents Classification System)
- Isidore
- OpenAIRE
- WorldCat (OCLC)
- BACON (National Knowledge Base – ABES)
- ERIH Plus
- ROAD (Directory of Open Access Scholarly Resources)

**Directories, catalogs and search engines**
- DOAJ (Directory of Open Access Journals)
- BASE (Bielefeld Academic Search Engine)
- EZB (Elektronische Zeitschriftenbibliothek)
- Google Scholar
- Journal TOCs
- Latindex
- MIAR
- Mir@bel
- SUDOC (Superintendent of Documents Classification System)
- Isidore
- OpenAIRE
- WorldCat (OCLC)

**Library tools**
- BACON (National Knowledge Base – ABES)
- ERIH Plus
- ROAD (Directory of Open Access Scholarly Resources)
- Google Scholar
- Journal TOCs
- Latindex
- MIAR
- Mir@bel
- SUDOC (Superintendent of Documents Classification System)
- Isidore
- OpenAIRE
- WorldCat (OCLC)

- EBSCO Discovery Service
- Summon (Proquest)
- Primo Central (Ex Libris)

**Books**
- DOAB (Directory of Open Access Books)
- Google Scholar
- SUDOC (Superintendent of Documents Classification System)
- Isidore
- OpenAIRE
- WorldCat (OCLC)

**Library tools**
- BACON (National Knowledge Base – ABES)
- ERIH Plus
- ROAD (Directory of Open Access Scholarly Resources)
- Google Scholar
- Journal TOCs
- Latindex
- MIAR
- Mir@bel
- SUDOC (Superintendent of Documents Classification System)
- Isidore
- OpenAIRE
- WorldCat (OCLC)

- EBSCO Discovery Service
- Summon (Proquest)
- Primo Central (Ex Libris)

Appendix 5. Consortia of Freemium program partners

<table>
<thead>
<tr>
<th>Consortium</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Couperin</td>
<td>France</td>
</tr>
<tr>
<td>BICfB</td>
<td>Belgium</td>
</tr>
<tr>
<td>BCI</td>
<td>Canada</td>
</tr>
<tr>
<td>CIFNAL (CRL)</td>
<td>United States</td>
</tr>
<tr>
<td>EIFL</td>
<td>28 countries from Eastern Europe, Africa, the Middle East and Asia</td>
</tr>
</tbody>
</table>
Credits

Texts, graphics, maps: OpenEdition
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Graphic design, illustrations and production: 4minutes34.com