

OPERAS

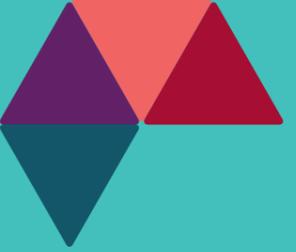
open scholarly communication in the european
research area for social sciences and humanities

Annual Report 2022



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1 Foreword



2022 was another momentous year for the OPERAS community in both the wide participation of members and the continued development of OPERAS AISBL. Yannick Legré, Secretary General; Céline Bitoune, Chief Finance and Administration Officer and Sy Holsinger, Chief Technology Officer have solidified their roles and the central team is in great shape to carry out a multitude of administrative and technical duties.

In 2022, OPERAS was able to further extend its activities within identified important fields of scholarly communication like Diamond Open Access, multilingualism and translation, and Open Access policies as well as in the consolidation of the Research Infrastructure. In addition to participation in TRIPLE and COESO projects, we were successful in our applications for a further six Horizon Europe projects: OPERAS-PLUS, DIAMAS, and Skills4EOSC, which commenced in September 2022, and CRAFT-OA, GraspOS and PALOMERA starting in January 2023. In addition, the OA Book Usage Data Trust (OAeBU) was funded by the American Mellon Foundation agency.

2022 also saw the launch of the Diamond Action Plan with Science Europe, cO-Allition S, OPERAS, and the French National Research Agency (ANR). The plan supports the further development and expansion of a sustainable, community-driven Diamond Open Access scholarly communication ecosystem and is endorsed by nearly 140 organisations across Europe. Together with our participation in the DIAMAS project, we hope that the plan will foster the growth of Diamond OA across Europe.

In continuing our penchant for reaching out to the wider, multilingual community, three calls were launched for the Translation and Open Science Project. OPERAS coordinates a series of studies commissioned by the French Ministry of Higher Education and Research in order to explore the possible uses of

translation technologies to foster multilingualism in scholarly communication, which will prove very useful to the wider scientific communities and certainly to the area of Social Sciences and the Humanities.

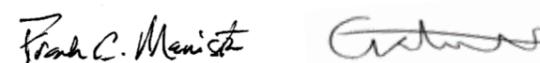
OPERAS Special Interest Groups (SIGs) are central to engagement with our Ordinary Members, the OPERAS community, and 2022 has seen another year of intensified activities. We welcomed a brand-new SIG to the OPERAS community, the OA Books Network (OABN), an open and bottom-up initiative bringing together a global community of individuals interested in Open Access book publishing. The Assembly of the Commons (AoC), which represents the community, endorsed its role in the OPERAS governance by electing Vanessa Proudman and Mark Huskisson as co-chairs in May 2022.

Along with the SIGs, another area of engagement for the community is the formation of national nodes. OPERAS is dedicated to establishing a national node for each of the partner countries in order to disseminate the work of OPERAS and to encourage active engagement with the infrastructure. In this report, you can read about the development of OPERAS-PL and OPERAS-PT.

Collaboration and mutual respect are key themes in all of the efforts that OPERAS continues to undertake. As things started to open up with the number of cases of COVID infection reducing, the first “in person” General Assembly was held in Brussels in June. The kick-off meetings for DIAMAS and OPERAS-PLUS were also held face-to-face with a hybrid option for inclusivity.

We look forward to 2023 being a year of engagement and promise, and like last year, we hope we will have the opportunity to meet and celebrate our achievements in yet another new office in Brussels!

Graham Stone (Jisc, UK), Frank Manista (Jisc, UK), Executive Assembly



2022



2

OPERAS in a Nutshell

Making Open Science a reality
for research in the Social Sciences
and Humanities



Definition and Mission

OPERAS is the Research Infrastructure supporting open scholarly communication in the Social Sciences and Humanities (SSH) in the European Research Area. Its mission is to coordinate and federate resources in Europe to efficiently address the scholarly communication needs of European researchers in the field of SSH.

Vision

OPERAS' aim is to make Open Science a reality for research in the SSH and achieve a scholarly communication system where knowledge produced in the SSH benefits researchers, academics, students and more generally the whole society across Europe and worldwide, without barriers.

Value Proposition: Why OPERAS is needed

The European landscape of scholarly communication in the SSH is currently patchy, fragmented and not organised enough to be efficient, particularly to address the challenge of transitioning to Open Science. This is due to several factors, such as the small size of resource providers, the historical underfunding and lack of sustainability in this area, the variety of technical skills and resources across the community. The nature of the SSH disciplines also adds specific challenges, which are not correctly addressed at scale, such as the diversity of publication languages, the entrenchment in diverse cultural backgrounds and the need for specific forms of scholarly communication (monographs, critical editions, and edited bibliographies, amongst others).

By fulfilling its mission, OPERAS provides the research community with the missing brick it needs to find, access, create, edit, disseminate and easily and efficiently validate SSH outputs across Europe. In one word, OPERAS unlocks scholarly communication resources and enables the whole field to reinvent itself in the new Open Science paradigm.

Finally, OPERAS is the European Research Infrastructure dedicated to open scholarly communication in both Social Sciences and Humanities.



3

Governance & Management

Strengthening the collaboration between our members and with European institutions



WHAT WAS NEW?
OPERAS Highlights 2022



Representatives of the General Assembly, the Executive Assembly and the OPERAS Coordination Team. This group picture was taken at the end of the 1st in-person General Assembly on June 22, 2022 in the CNRS Office in Brussels.

OPERAS General Assembly

10 European countries steer OPERAS towards its way to becoming an ERIC

The General Assembly is composed of the representatives of the Ministries of the Executive Assembly countries, or the Executive Assembly members themselves, the representatives of the supporting members and a representation of the community participating in the Assembly of Commons. Besides being the highest-level decision-making body of the OPERAS AISBL, the General Assembly aims at becoming the prefiguration of the governing body of the future ERIC. The participation of representatives of the different ministries in the General Assembly will facilitate the alignment of OPERAS with national strategies and the co-creation of the statutes of the ERIC. To guide the OPERAS Research Infrastructure on its way, the General Assembly meets twice a year.

In 2022 two General Assemblies took place on June 22 and November 24.

In 2022 the General Assembly started the preparational discussion about OPERAS transforming into an ERIC and discussed and approved the OPERAS Strategy 2023 to 2025.

Represented in the General Assembly:

- ▶ Croatia
- ▶ France
- ▶ Germany
- ▶ Greece
- ▶ Italy
- ▶ Netherlands
- ▶ Poland
- ▶ Portugal
- ▶ Slovenia
- ▶ United Kingdom

Supporting Members:

- ▶ DARIAH ERIC
- ▶ DGLFLF
- ▶ Göttingen SUB

Ordinary Members:

- ▶ 2 Representatives of the Assembly of the Commons



▶ OPERAS Scientific Advisory Committee

12 experts of scientific excellence to guide OPERAS on ethical, technical and scientific matters from 12 European countries

The OPERAS Scientific Advisory Committee (SAC) is an independent body composed of twelve experts of high scientific excellence from twelve countries, who advise, monitor and provide recommendations on the ethical, scientific and technical aspects of the infrastructure and its activities. It was established in December 2020.

In 2022, the SAC reorganised and elected two new co-chairs to steer its activities. A monthly online meeting was set up to foster an ongoing discussion among the members on different topics. Presentations of OPERAS activities took place and the SAC provided feedback. Several meetings were dedicated to commenting and providing feedback on the different elements of OPERAS Strategic Plan and its Implementation Plan. Finally, the SAC decided to dedicate several of its meetings to discussing several more general topics, such as the role of platforms in scholarly communication, multilingualism and the role of reference databases in the humanities.

We would like to thank Melanie Imming and Koen Vermeir for their co-chairing of the OPERAS Scientific Advisory Committee and paving the way to an active body providing recommendations to OPERAS on its way to become an ERIC. They have been very supportive to OPERAS in preparing its ESFR1 application. We wish them all the best for their future and are looking forward to further collaborations on a common aim of supporting open scholarly communication.



Elea Giménez Toledo

Jean-Claude Guédon

In 2022, the two new co-chairs of the OPERAS Scientific Advisory Committee were voted in:

▶ **Elea Giménez Toledo** is a tenured Scientist at Institute of Philosophy, Spanish National Research Council (CSIC) since 2006. She has a PhD in Library and Information Science (University Carlos III de Madrid) and is head of ILIA: Research Team on Scholarly Book, principal Investigator of Scholarly Publishers Indicators (SPI) and coordinator of ES CIENCIA Interdisciplinary Thematic Platform, an institutional project by CSIC on Spanish as a language of scientific communication. She has coordinated the reports on Spanish Academic Book Publishing developed for Federation of Spanish Publishers (FGEE) and the Association of Spanish University Presses (UNE).

Her research is focused on academic book publishing and its connection with research evaluation of humanist and social scientists. The relevance of the academic book industry in each country, the

intrinsic value of the publication of results in monographs, quality in publishing, the manuscript selection processes, bibliodiversity, multilingualism in scholarly communication, digital transformation and open access transition for small and medium size publishers are fundamental axes of her research. She is now conducting a research project on scholarly book publishing at Iberoamerican level in collaboration with the Regional Center for the Promotion of Books in Latin America and Caribbean (CERLALC) and Association of Latin American and Caribbean university presses (EULAC). She is also leading, together with Gunnar Sivertsen (NIFU, Norway), the development of Academic Book Publishers (ABP): a global and multilingual register, an initiative backed by ENRESSH COST action.

▶ **Jean-Claude Guédon**, a historian of science by training, retired as “professeur honoraire” from the Université de Montréal at the end of 2018. His interest in scholarly communication started with an online journal, Surfaces – the oldest in Canada, now available on the Érudit site – that ran from 1991 until 2001. He is one of the original signatories of the Budapest Open Access Initiative and has been active in the open access, open science movements ever since. He has served as an expert for the European Commission since 2008, and chaired the Expert Group on the Future of Scholarly Communication and Publishing between 2017 and 2019. He is a member of the Scientific Board of the Nexa Centre for Internet and Society at the Politecnico of Turin and collaborates with various UNESCO initiatives on open science.

All members with one field of their expertise:

- ▶ **Jonathan Chibois**
France, Interdisciplinary Institute of Contemporary Anthropology (IIAC), anthropology
- ▶ **Elea Giménez Toledo**
Spain, Spanish National Research Council (CSIC)/ENRESSH, Literature and Digital Humanities
- ▶ **Jean-Claude Guédon**
Canada, Université de Montréal (professeur honoraire), Literature
- ▶ **John Howard**
Ireland, University College Dublin/Coláiste Ollscoile, Baile Átha Cliath, Archaeology, Anthropology, History and Philosophy of Science
- ▶ **Mikolaj Leszczuk**
Poland, AGH University of Science and Technology, Telecommunications
- ▶ **Samual Moore**
United Kingdom, Coventry University, Digital Humanities
- ▶ **Anna Neovesky**
Germany, Academy of Sciences and Literature, Mainz, Digital Humanities
- ▶ **Federico Pianzola**
Italy, University of Milano-Bicocca and Sogang University, Literature
- ▶ **Elena Šimukovic**
Lithuania, Zurich University of Applied Sciences (ZHAW), Science and Technological Studies
- ▶ **Erzsébet Toth-Czifra**
Hungary, DARIAH, Linguistics
- ▶ **Koen Vermeir**
Belgium, CNRS, Philosophy of science
- ▶ **Irena Vipave Brvar**
Slovenia, CESSDA, Statistics

OPERAS Executive Assembly

Ten prominent national organisations committed to steer OPERAS on its path to maturity

The Executive Assembly is the day-to-day governing and decision-making body of the OPERAS AISBL. It is composed of ten prominent national organisations (OPERAS Core members) from ten European countries, that commit to steer OPERAS on its path to maturity.

Jadranka Stojanovski / Croatia



University of Zadar

Jadranka Stojanovski is an Associate Professor at the Department for Information Sciences at the University of Zadar and research librarian at Ruder Bošković Institute.

Lionel Maurel / France



CNRS / Lionel Maurel is Scientific Deputy Director at the National Institute for Humanities and Social Sciences of the CNRS (French National Centre for Scientific Research). Two units in the CNRS are particularly involved in the development of the OPERAS AISBL: OpenEdition and Huma-Num.

Michael Kaiser / Germany



Max Weber Stiftung

Michael Kaiser is a Historian and Director of the department *perspectiva.net*, library and IT affairs at the headquarters of the Max Weber Stiftung (MWS).

Marina Angelaki / Greece



National Documentation Centre

Marina Angelaki joined the National Documentation Centre (EKT) as a Research Associate and is working on EU funded projects focusing on open scholarly communication, open access/ policies, the gender dimension of open science and innovation.

Elena Giglia / Italy



University of Turin

Elena Giglia, PhD in Italian literature, Masters' Degree in Librarianship and Masters' Degree in Public Institutions Management, is Head of the Open Access Office at the University of Turin.

Niels Stern / Netherlands



OAPEN

Niels Stern is Director of OAPEN and Co-director of DOAB. He began his career in scholarly book publishing in 2003.

Maciej Maryl / Poland



The Institute of Literary Research of the Polish Academy of Sciences

Maciej Maryl is Assistant Professor and Deputy Director of The Institute of Literary Research of the Polish Academy of Sciences (IBL PAN) and founding head of the Digital Humanities Centre.

Delfim Leão / Portugal



University of Coimbra

Delfim Leão is Full Professor at the Institute of Classical Studies at the University of Coimbra. Former Director of Coimbra University Press (2011–2021), he is Vice-Rector for Culture and Open Science.

Aleš Pogačnik / Slovenia



The Research Center of the Slovenian Academy of Sciences and Arts

Aleš Pogacnik is Editor-in-chief and General Manager of Založba ZRC, publishing unit of ZRC SAZU. He holds an MA in Philosophy.

Graham Stone / United Kingdom



Jisc

Graham Stone is Jisc's subject matter expert for OA monographs. He is the Lead for Communications on OA monographs within Jisc and is responsible for developing and managing strategic relationships.

OPERAS Assembly of the Commons

OPERAS community actively engages in in the development of the OPERAS Research Infrastructure

The Assembly of the Commons (AoC) represents the community in its entirety and gathers all Ordinary Members. At the same time, the AoC comprises all of the Special Interest Groups and their participants. It is aimed to convene at least once a year, but managed to gather twice in 2022.

The OPERAS second Assembly of the Commons took place virtually on 11 May 2022. It had a double objective of electing the two representatives of the OPERAS community and discussing the work completed in the Special Interest Groups over the course of the previous year.

The election met quorum with the participation of 23 member organisations. Each organisation voted once and anonymously. They could vote for both candidates, for one of them or for neither. With 83.33% and 54.17% of votes, respectively, Vanessa Proudman and Mark Huskisson became co-chairs of the OPERAS Assembly of the Commons. Besides chairing the AoC during their 2-year mandate, the representatives shall also participate in the General Assembly at least once a year to represent the voice of the community.



Vanessa Proudman is the Director of SPARC Europe with 20 years of management experience in facilitating access to knowledge through Open Access, Open Science, Open Culture and Open Education in Europe. She is advocating for change to increase more equitable access to knowledge through international, national and regional policy-making and extensive advocacy work. Prior to SPARC Europe, she worked at Tilburg University on various international initiatives, was programme manager at Europeana and led a dept on information and IT at a UN-European region research institute in Vienna for over 10 years.



Mark Huskisson is responsible for Business Development at the Public Knowledge Project (PKP), the developer and stewards of OJS, OMP, and OPS. PKP develops open-source software systems that manage the complete scholarly publishing workflow for journals, monographs, and preprints, and conducting scholarly communication research on questions of open access and open science.



OPERAS Community at Large

OPERAS is: 55 major organisations, including 4 new member in 2022

Members of the Executive Assembly

Max Weber
Stiftung



University of Zadar
Universitas Studiorum
Jadertina | 1396 | 2002 |



UNIVERSITÀ
DI TORINO



NATIONAL DOCUMENTATION CENTRE



UNIVERSIDADE D
COIMBRA



ZRC SAZU

Supporting Members



Délégation générale
à la langue française
et aux langues de France



NIEDERSÄCHSISCHE STAATS- UND
UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN

Ordinary Members



UNIVERSITÄT
BERN



akademie der bildenden Künste wien

ISCTE IUL
Instituto Universitário de Lisboa



AEUP Association
of European
University Presses



compagnia editoriale in torino



directory of
open access
books



DOAJ



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ASSOCIAÇÃO PORTUGUESA DE
EDITORAS DO ENSINO SUPERIOR



srce
University of Zagreb
University Computing Centre



► 55 major organisations

► 21 countries

Ordinary Members



FACULDADE DE CIÊNCIAS
SOCIAIS E HUMANAS
UNIVERSIDADE NOVA DE LISBOA



PUBLIC
KNOWLEDGE
PROJECT



Università
Ca' Foscari
Venezia



LUXEMBOURG CENTRE FOR
CONTEMPORARY AND DIGITAL HISTORY



Conferenza dei Rettori
delle Università Italiane



UIT / THE ARCTIC UNIVERSITY
OF TROMSØ



open scholarship



UNIVERSITÀ
DEGLI STUDI
DI MILANO



Australia

Austria

Belgium

Brazil

Canada

Croatia

France

Georgia

Germany

Greece

Italy

Luxembourg

Netherlands

Norway

Poland

Portugal

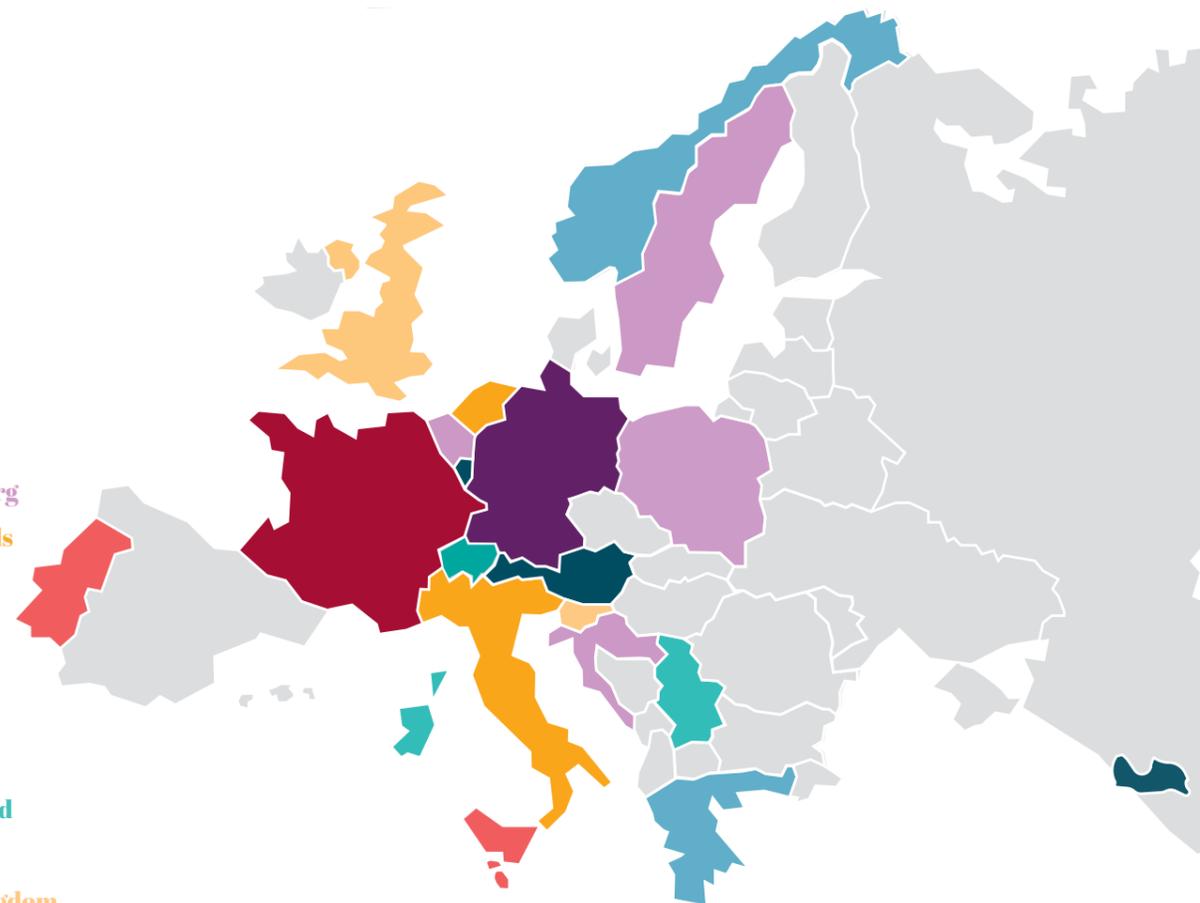
Serbia

Slovenia

Switzerland

Sweden

United Kingdom



In 2022, OPERAS welcomed four new ordinary members from two countries

Abertay University – School of Business, Law and Social Sciences



Abertay University is located in the city of Dundee in Scotland. Abertay is a small University with around 200 members of staff and circa 4000 students. The School of Business, Law and Social Sciences currently has around 40 academic staff and offers degrees in Law, Criminology, Sociology, Accounting and Marketing among others. The School is active in research and a large part of its activities relate with the design and impact of digital technologies and digital transformation. The Sociology Division (with Professor Stefano De Paoli) has actively participated in the design of the GoTriple platform by leading the Work Package on User Research and CoDesign. It is through the work on GoTriple that Abertay has learned about OPERAS and has built strong relationships of cooperation with some of the OPERAS members. It then felt natural to solidify this cooperation by applying to join OPERAS as a member and contribute with our expertise to user research for the OPERAS digital services. In addition to Stefano, Dr. Kathy-Ann Fletcher and Dr. Andreea Oniga (both from the Division of Accounting, Business and Management) will be the initial staff from Abertay that will actively participate in OPERAS SIGs.

University of Bern



UNIVERSITÄT
BERN

The University of Bern sees itself as a comprehensive university in the tradition of European universities. Its faculties comprise theology, humanities, human science, law, social science, economics and business, medicine, veterinary medicine and natural science. Guided by scientific interests and social needs, the University of Bern establishes disciplinary and interdisciplinary foci and so develops its own profile. The University of Bern is committed to freedom in teaching and research. It recognises its ethical responsibility and respects the principles of sustainable development in its academic, administrative and operational areas. The University of Bern fulfils its mission to a high standard. It is committed to self-regulation and monitors its services and functions regularly.

DOAJ



DOAJ is a community curated online directory that indexes and provides access to high quality, open access, peer reviewed journals. DOAJ deploys more than one hundred carefully selected volunteers from among the community of library and other academic disciplines to assist in the curation of open access journals. This independent database contains over 17,500 peer-reviewed open access journals covering all areas of science, technology, medicine, social sciences, arts and humanities, in English and 80 other languages. DOAJ is financially supported worldwide by libraries, publishers, and other like-minded organisations. DOAJ services are free for all, and all data provided by DOAJ are harvestable via OAI/PMH and the API. Supporting DOAJ demonstrates a firm commitment to open access and the infrastructure that supports it.

RFIEA-AGIR



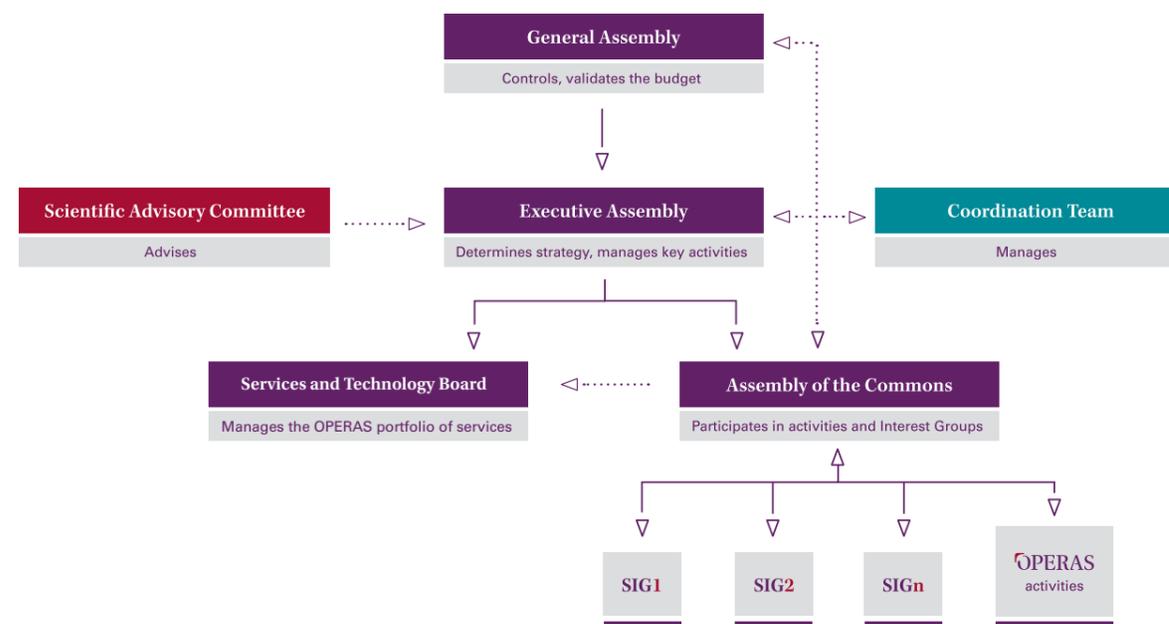
Réseau français des instituts d'études avancées is a French research foundation/excellence laboratory. Its mission is to strengthen the European/International research potential of the French scholarship in Humanities and Social Sciences by attracting leading foreign scholars, by integrating innovative scientific networks as well as by improving its visibility, performance and impact.

OPERAS Services and Technology Board

Board to ensure a stable and running services portfolio to support researchers and to develop new services

The Services and Technology Board (STB) was founded in 2022 to ensure a stable and running service portfolio for OPERAS. The Board is governed by the OPERAS General Assembly through the OPERAS Executive Assembly and chaired by Sy Holsinger in his role as Chief Technology Officer of OPERAS. The Services and Technology Board is responsible for managing the portfolio of services and associated technologies regarding OPERAS AISBL and OPERAS federated services. This includes all services that are planned, live or to be retired. The board meets regularly on a monthly basis.

There are three types of services provided by OPERAS: 1) Services managed by OPERAS, responsible for overall coordination, delivery, and evolution. 2) Services managed directly by community providers but discoverable through the OPERAS website. These services are required to have their own sustainable structures, but receive direct OPERAS participation, contribution, and support. 3) Internal services necessary for managing and operating the OPERAS federation, both technical and non-technical.



SIG = Special Interest Group

Another Assembly of the Commons was held on 9 September 2022. The purpose of the meeting was to present the OPERAS Strategic Plan, which was under construction at the time and to hear from the community about how they could contribute to making OPERAS a success. There was also the presentation of the OPERAS service GoTriple and a moment dedicated to questions from the community.

▶ OPERAS Coordination Team and OPERAS Staff

A team of 11 people to support the strategic decisions and daily management

The central coordination and daily management of OPERAS is ensured by the Coordination Team, a small team which includes: the two Co-coordinators, the Secretary General, the Chief Finance and Administration Officer, the Chief Technology Officer, the Communication Manager, the Community Manager, the FAIR Data Officer, the Citizen Science Officer, one Project Manager and one responsible for the liaison to OPERAS National Nodes. The Coordination Team also supports the life of the assemblies and committees and, thus, is closely involved in the strategic preparatory work regarding OPERAS. Members of the Coordination Team are employed by the OPERAS AISBL as well as on national contracts by OPERAS member institutions in France (OpenEdition/Huma-Num and affiliates: CNRS, Aix-Marseille University, EHESS), Germany (Max Weber Stiftung) and Croatia (University of Zadar). Members of the Coordination Team are involved in both OPERAS and in the life and activities of their home institution – at different levels depending on their responsibilities. This double professional identity is an asset to develop strong bonds between OPERAS and key national institutions.

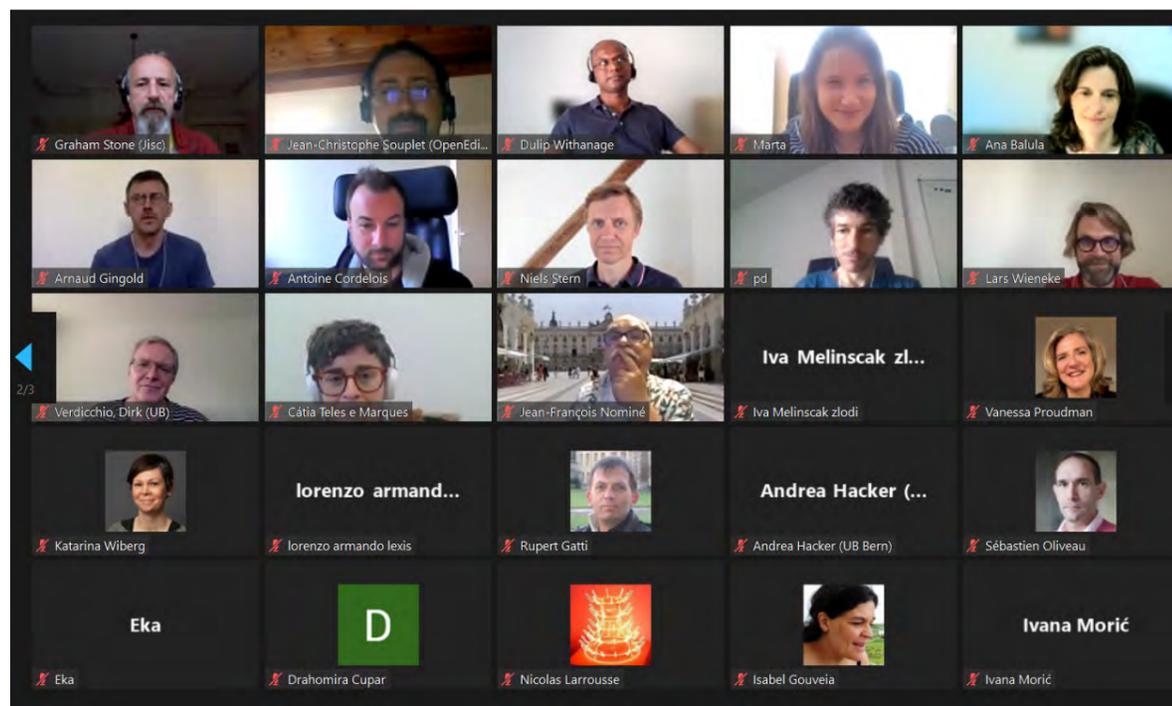
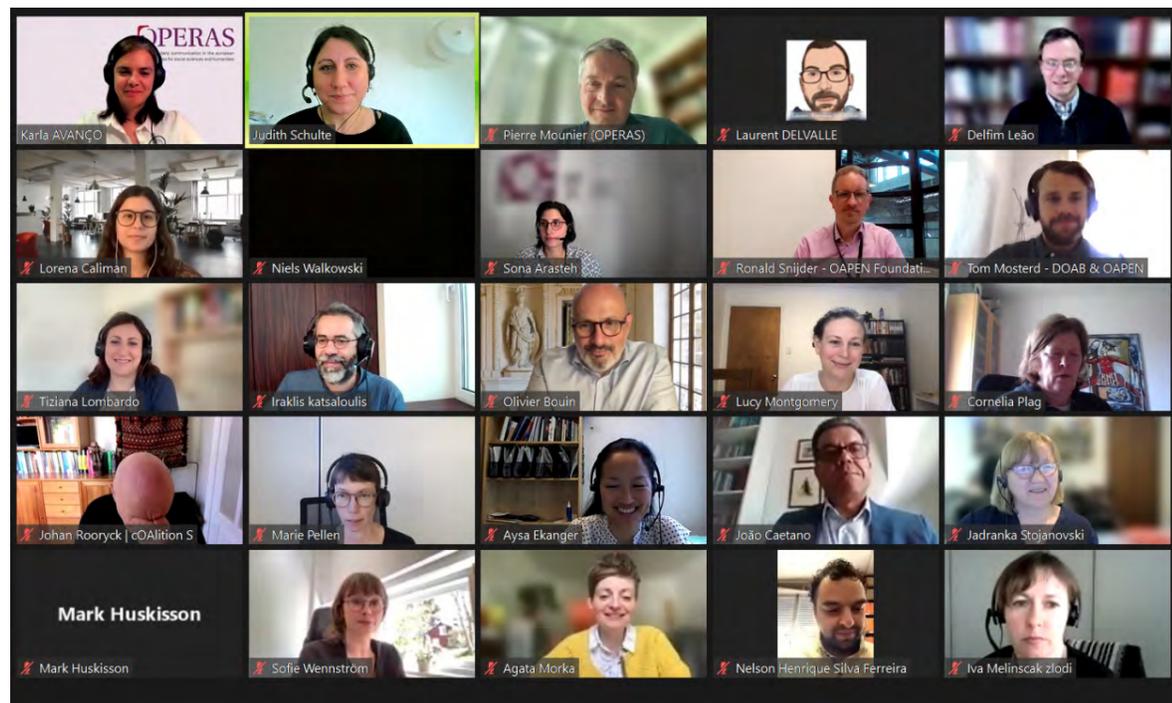
In 2022, OPERAS welcomed **Céline Bitoune** as Chief Finance and Administration Officer and Sy Holsinger as Chief Technology Officer. Céline Bitoune has 24 years of experience in managing more than 50 European Commission-funded projects and is a certified expert and auditor for services and organisation management. Her role is to oversee the OPERAS AISBL finances and works closely with the Secretary General.

Sy Holsinger has 16 years of experience in EC funded projects and spent more than ten years helping to build the EGI Federation as the Strategy and Innovation Team Lead and Business Development Manager. He is also an expert in the implementation of service management. In his role as OPERAS Chief Technology Officer, he is responsible for the management and evolution of the OPERAS service portfolio and the technical strategy while ensuring the delivery, sustainability, efficiency, and effectiveness of them.

Thanks to the new starting projects, OPERAS was able to extend its staff beyond the coordination team and started to hire officers and managers for the different projects. In 2022, OPERAS welcomed:

- ▶ **Irakleitos Souyioultzoglou** as Open Science Project Officer for Skills4EOSC and DIAMAS
- ▶ **Chloé Lebon** Project Manager for the Translations & OpenScience project
- ▶ **Susanna Fiorini** Scientific Coordinator for the Translations & OpenScience project

More positions were opened for 2023.





4

Activities

Engaging with the community:
Presenting results and learning about
the community's needs



Activities highlight OPERAS events and presentations

OPERAS and the consortia of its projects organised 35 events and workshops and presented at several large Open Science events to network and engage with the community and different stakeholder groups. This page only shows a small selection of different events and presentations for different stakeholders. Some events and activities are highlighted on the following pages.

2022

2023



FOCUS ON ► French Presidency of the European Council

To highlight the role of the OPERAS Research Infrastructure for Europe and the European Missions, the OPERAS Coordination Team participated in several events linked to the presidency. Starting with the **Open Science European Conference, 4–5 February**. Pierre Mounier, OPERAS Co-coordinator talked about the future of academic publishing and Open Science. He highlighted the need to support diversity and better coordination of efforts.

The collaboratively written Diamond Open Access Action Plan was introduced by Lydia Borrel-Damian (Science Europe) and Johan Rooryck (cOAlition S). They presented the four central elements for the further development of the Diamond Open Access: efficiency, quality, standards, capacity building and sustainability.

At the High-Level Conference on Citizen Engagement in European Missions, as part of the French Council Presidency on 21 March, OPERAS and the COESO project showcased how Social Sciences and Humanities support the European Missions with a booth at the Opening Forum. Research Infrastructures are crucial for finding solutions to tackle grand societal challenges and EU Missions, and engaging citizens is essential in this endeavour.

The OPERAS Research Infrastructure is one of the main instruments to empower participatory research through multiculturalism and open scholarly communication on citizen engagement and COESO has provided the means for making it a reality.



Pierre Mounier, OSEC2022#



Suzanne Dumouchel and Pierre Mounier, OPERAS co-coordinators at the OPERAS booth at #PFUE2022 on March 21



FOCUS ON ► Triple Booksprint 3 days of intense work for GoTriple metadata

7–9 September 2022



3 days
14 metadata experts
12 presentations
4 writing sessions

The TRIPLE Booksprint was planned to bring external experts across a number of metadata types to help the TRIPLE team understand the current state and challenges for progress within their domain – and also to share their perspective on suggested solutions, discuss challenges observed in TRIPLE's providers' data for each type of metadata and present the enrichment workflow for TRIPLE.

Names of Presentations:

- Tomasz Umerle: **Introduction – open scholarly metadata and the GOTRIPLE platform**
- Jadranka Stojanovski: **PIDs in the SSH – current state and upcoming challenges**
- Cezary Rosiński, Nikodem Wołczuk: **PIDs and TRIPLE's data providers**
- Cezary Rosiński: **Keywords in the SSH – current state and upcoming challenges**
- Maciej Ogrodniczuk, Agnieszka Mikołajczyk: **Automated generation of keywords based on training data from Polish scientific articles (aggregated in TRIPLE)**
- Agnieszka Karlińska, Tomasz Umerle: **Evaluation of automatically generated keywords for Polish scientific texts (aggregated in TRIPLE)**
- Bianca Kramer: **Open Abstracts in the SSH – current state and challenges**
- Agnieszka Karlińska, Cezary Rosiński, Tomasz Umerle, Nikodem Wołczuk: **Highway to abstract. The present and the future of automatically generated abstracts**
- Silvio Peroni: **Transparency meets open citations: How to enable reproducible studies through open citations**
- Cezary Rosiński, Nikodem Wołczuk: **Citation data and TRIPLE's data providers**
- Luca De Santis: **Data Enrichment in TRIPLE: the current state of work**

FOCUS ON ► SUES Crowdfunding Campaign

Supporting Ukrainian editorial staff and Open Access journals

SUES – Supporting Ukrainian Editorial Staff – is an initiative from several European organisations in scholarly communication: IBL-PAN (PL), OPERAS (BE), DOAJ (UK), OAPEN-DOAB (NL), EIFL (NL), AEUP (FR), with SESU – Soutien à l'Édition Savante en Ukraine – a group of more than 30 professionals from the french academic publishing sector worked together to support. They aim at supporting specifically all those who work at dissemination and communication knowledge in the scholarly publishing sector because they are also an essential component of the Ukrainian scientific life and culture. While observing and applauding numerous initiatives of support to Ukrainian scholars, we do notice the lack of specific support to editors and publishers. SUES aims at filling this gap by targeted actions. SUES offers help through mentoring, support towards DOAJ/DOAB inclusion and small scholarships to support day-to-day operations. The crowdfunding campaign's goal was to fund 10 scholarships of 1,500 EUR each. The campaign was planned to run from 4 May to 6 June 2022. First, the campaign was opened on the crowdfunding platform Wemakeit where more than 20,000 Euros from 118 donors, mostly individuals, were collected. Knowledge Unlatched/Wiley proposed to help collecting funding from the publishers and libraries community. All in all, KU collected 36,000 Euros more from 38 donors. Finally, the French Ministry of Higher Education and Research decided to give 16,500 Euros more through its Open Science National Fund to support 10 more Open Access journals in Ukraine. In the name of the SUES and SESU committees, we would like to express our gratitude to the 157 donors, individuals and organisations who made this possible.



52 days

157 donors

73 000 Euro

45 journals supported

List of donors (organisations):

Academic Studies Press; Amherst College Press; Association of European University Presses; Berner Fachhochschule Department Wirtschaft; C.H. Beck; Carnegie Mellon University; CNRS – Direction des données ouvertes de la recherche; Collège de France; Davidson College; Dickinson College; Duke University Press; éditions érès; Emerald Group Publishing; Florida State University Libraries; FMSH – Fondation Maison des Sciences de l'Homme; Georgia Institute of Technology; Glasgow Caledonian University; Gottfried Wilhelm Leibniz Universität Hannover/TIB Hannover (University of Hannover); Institute of Literary Research of the Polish Academy of Sciences – Instytut Badań Literackich PAN; King's College London; Knowledge Unlatched; La Trobe University; Lexis; Munipress; National Fund for Open Science (France); OAPEN Library & DOAB; Oberlin College; OPERAS AISBL; Revue d'histoire diplomatique; Rice University; Sheffield Hallam University; Staatsbibliothek zu Berlin (Berlin State Library); SUNY Press; The British Library; Universitätsbibliothek Bern (University of Berne); Université de Bordeaux Montaigne; University of Bath; University of Birmingham; University of Bristol; University of Edinburgh; University of Liverpool; University of Oregon; University of Southampton; University of Strathclyde; University of York; Wesleyan University; Wiley; Wilfrid Laurier University; York St John University; Zürcher Hochschule für Angewandte Wissenschaften (ZHAW) / Zurich University of Applied Sciences.

OPERAS National Nodes Activities

OPERAS further developed its national communities in 2022

National nodes play a pivotal role in establishing a connection point to outside the OPERAS community, in promoting a proximity relation with local communities, in helping to identify needs and in providing services and training. They are in a decisive position to find a balanced solution for keeping national languages as fully scientific valid modes of expression while promoting them on the international level. In 2022 the national nodes organised several workshops to gain users as part of the User Engagement Strategy of the GoTriple platform, one of the OPERAS services. Additionally to these organised workshops the national nodes presented OPERAS at **16 external events** in total. Two of the nodes receive additional funding. The Max Weber Stiftung extended the national network through the OPERAS-GER project (funded by the Federal Ministry of Education and Research): <https://operas-ger.hypotheses.org/> and IBL PAN by building up OPERAS-PL: <https://operas.pl/> funded by Polish Ministry of Education and Science.

National community events

Germany (by OPERAS-GER: Larissa Saar, Marlen Töpfer and Patrick Piel, Max Weber Stiftung)

OPERAS Open Chat Series, 9 events

OPERAS Open Chat

Attendees (registered/attended): *about overall 481/282*

Stakeholders addressed: Librarians, researchers, publishers, academic institutions

Portugal (by Lorena Caliman, University of Coimbra) / 25 October 2022

Formações iiiUC – Ferramentas de Apoio à Investigação: Plataforma GoTriple

Attendees (registered/attended): 250/100

Stakeholders addressed: Research performing organisations

Germany (by OPERAS-GER with ENABLE!: Marlen Töpfer and Patrick Piel, Max Weber Stiftung) / 26 October 2022

Wie geht Open Access in Europa? Chancen und Herausforderungen gemeinsam meistern Name of Presentation: OPERAS-GER und ENABLE! – Open Access und offene Wissenschaftskommunikation in den Sozial- und Geisteswissenschaften europaweit und national

Attendees (registered/attended): 235/69

Stakeholders addressed: Librarians, publishers, academic institutions

France (by Emilie Blotiere, Arnaud Gingold, CNRS) / 17 November 2022

GoTriple, point d'entrée pour les données SHS

Attendees: (registered/attended): 60/20

Stakeholders addressed: Researchers, PhDs and students

Poland (by Agnieszka Szulińska IBL-PAN) / 21–22 November 2022

GoTriple: Odkrywanie otwartych zasobów badawczych z humanistyki i nauk społecznych. Warsztaty dla badaczek i badaczy

Attendees: (registered/attended): 36/29

Stakeholders addressed: Researchers and librarians

The Special Interest Groups

7 Special Interest Groups gathering from OPERAS members

OPERAS Special Interest Groups (SIGs) discuss and develop new initiatives to nurture the life and activities of the infrastructure. These groups are open to all members of the OPERAS community, gather experts from the field and thus promote an international, multi-disciplinary working atmosphere.

The OPERAS Special Interest Groups: activities in 2022 and future plans

The year 2022 marked the beginning of a new phase for the Special Interest Groups. They initiated a restructuration that will allow the groups to better align their work with each other and with OPERAS as a whole by participating in the strategic plan, OPERAS activities, funded projects, etc. However, the differences in the nature of each Special Interest Group remain intact.

A yearly roadmap was established including the carrying out of common activities, and the adoption of communication strategies to give the Special Interest Groups more visibility.

The Special Interest Groups are also a key constituent of the OPERAS Assembly of the Commons.



FOCUS ON ► A new white paper and a new Special Interest Group

Open Access Business Models wrote a new paper

The OA business models landscape has been developing at pace since the publication of the first OA Business Models Special Interest Group white paper in 2018 (Speicher, 2018). Given this dynamic rate of change, the SIG felt that a more in-depth understanding was needed regarding the current business models of European monograph publishers for Open Access, their challenges, and their views on how infrastructure for Open Access monographs could be improved, with a particular emphasis on collaborative models.

We launched a survey in 2021 to understand what challenges publishers faced when engaging with or thinking about engaging in collaborative models for OA books and to identify trends (including opportunities and challenges) and the knowledge of collaborative funding and infrastructure models in Open Access publishing in SSH.

The first version of white paper (Stone et al. 2021) presented early observations from the preliminary analysis of the findings. During 2022, a writing team consisting of Marta Błaszczczyńska, IBL-PAN, Poland; Iva Melinščak Zlodi, University of Zagreb, Croatia; Agata Morka, SPARC Europe, The Netherlands; Vanessa Proudman, SPARC Europe, The Netherlands and Graham Stone, Jisc, UK worked on a full analysis of the data.

*Despite a small sample of 74 presses, several insights were drawn and should be considered important directions for the future. Key findings in the report have been grouped into three main areas: **collaboration, funding and support.***

We believe that the insights from this white paper may be interesting to a number of projects, such as DIAMAS, OPERAS-PLUS and Palomera for further research and more data collection and have presented areas for further research and more specific actionable points for these projects.

At the time of writing, the white paper is undergoing peer review and will be published in 2023.

FOCUS ON ► New Special Interest Group

The Open Access Books Network (OABN) became a new Special Interest Group

In 2022, the Open Access Books Network joined OPERAS as a Special Interest Group. This liaison is a benefit for OPERAS and the OABN by connecting the communities.

The OABN is an open and bottom-up initiative bringing together a global community of individuals interested in Open Access book publishing, including publishers, researchers, librarians and other stakeholders. It advocates for Open Access book publishing, collates news, views and developments specifically relevant for Open Access books and connects a global community in the form of blogs, events, workshops and other activities.

The main purpose of the OABN is to act as a place to bring together people who are interested in Open Access books for the purposes of knowledge-sharing, discussion and exploring new ideas.

Projects

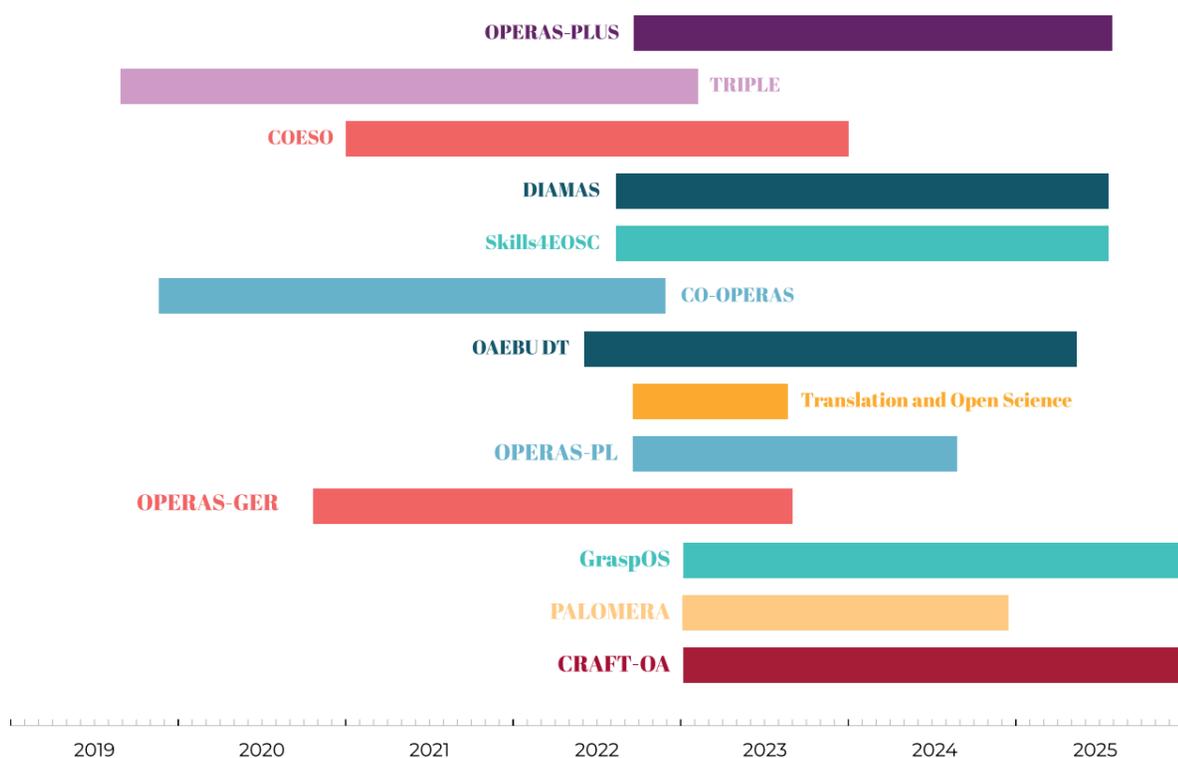
OPERAS and the Executive Assembly coordinated and participated in 10 projects running in 2022.

In 2022, OPERAS was involved in 10 projects, five of them are Horizon 2020 and Horizon Europe (OPERAS-PLUS, TRIPLE, COESO, Skills4EOSC, DIAMAS). One project, OAeBU, is financed by the American Mellon Foundation agency and OPERAS coordinated the French funded Translations and Open Science project. Additionally, two OPERAS nodes and CO-OPERAS received national funding.

At different levels of investment in each project, OPERAS acts either as a coordinator or partner depending on the objectives and tasks. The research infrastructure also submitted in addition to the projects starting in 2022 four Horizon Europe proposals and three of them were accepted and started early in January 2023 (CRAFT-OA, GraspOS and PALOMERA, more information in the chapter What's next).

The OPERAS-PLUS project started on 1 September 2022, with a duration of 36 months, running from September 2022 to July 2025. It receives funding from the Horizon Europe framework Infra-Dev in order to support new ESFRI Research Infrastructure projects in their preparatory phase. OPERAS was selected in 2021 as a new infrastructure on the ESFRI Roadmap for the excellence of its scientific case and for its strategic importance for the European Research Area and the structuring of the European Research Infrastructure ecosystem. OPERAS is now on its path to becoming operational as an ERIC in 2028.

Around this core project strengthening the Research Infrastructure, OPERAS is involved in other projects to serve the community and the Strategic Plan 2022–2025 objectives. DIAMAS and CRAFT-OA projects, both mainly for scholarly journals, answer the objective of developing the Diamond model as a major one in the scholarly communication ecosystem.



OPERAS-PLUS, Skills4EOSC and COESO projects support the objective of training OPERAS members and communities in SSH FAIR and Open Science practices, including citizen science. The COESO project develops the VERA platform, which is one of the OPERAS core services, connecting research and society (details below).

The TRIPLE project has developed the OPERAS GoTriple discovery service dedicated to SSH and created an innovative methodology for creating a controlled vocabulary allowing to enhance the research opportunities crossing a large amount of metadata coming from a variety of national and international aggregators and local repositories.

Project Name	Start	End	Funding Information	Coordinator	Website/further information
OPERAS-PLUS	Sept. 2022	July 2025	HORIZON-INFRA-2021-DEV-02	MWS	operas-eu.org/projects/operas-plus/
TRIPLE	Oct. 2019	March 2023	H2020- INFRAEOSC-02-2019	CNRS	www.gotriple.eu/
COESO	Jan. 2021	Dec. 2023	H2020-SwafS-27-2020	EHESS / OpenEdition	coeso.hypotheses.org/
DIAMAS	Sept. 2022	August 2025	HORIZON-WIDE-RA-2021-ERA-01	Université Aix Marseille / OpenEdition	diamasproject.eu/
Skills4EOSC	Sept. 2022	August 2025	HORIZON-INFRA-2021-EOSC-01)	GARR consortium	www.epos-eu.org/skills4eosc
CO-OPERAS	Dec 2019	Dec 2022	Implementation Network, French Agence Nationale de la Recherche	OpenEdition	operas-eu.org/international-partnerships/co-operas/
OAEBU DT	Jul. 2022	Jun. 2025	Mellon Foundation	UNT	www.oabookusage.org/
Translation and Open Science	Sep 2022	August 2023	French National Fund	OPERAS	operas-eu.org/projects/translations-and-open-science/
OPERAS-PL	Sep 2022	Aug 2024	Polish Ministry of Education and Science	IBL PAN	operas.pl/
OPERAS-GER	Oct 2020	Sept 2023	Federal Ministry of Education and Research Germany (BMBF)	MWS	operas-ger.hypotheses.org/
To come in 2023					
GraspOS	Jan. 2023	Dec. 2025	HORIZON-INFRA-2022-EOSC-01	ATHENA - R&I CENTER	
PALOMERA	Jan. 2023	Dec. 2024	HORIZON-WIDE-RA-2022-ERA-01-42	OPERAS/OA-PEN	operas-eu.org/projects/palomera/
CRAFT-OA	Jan. 2023	Dec. 2025	HORIZON-INFRA-2022-EOSC-01	UGOE	operas.hypotheses.org/6016

Focus on ► The COESO project

Connecting Research and Society – 15 partners from 6 countries – € 2 193 418,75 grant



The COESO project has several overarching aims, each of which contributes to OPERAS's "Services for Society" and the visibility and value of citizen science with and within the social sciences and humanities.



COESO aims to:

- Identify and document researchers' and engaged stakeholders' needs and challenges regarding Citizen Science projects in Social Science & Humanities
- Enable researchers and engaged stakeholders to collaborate and communicate – through the creation of an online platform
- Enhance financial support to Citizen Science projects in Social Science & Humanities

Most significantly, COESO has developed and published a beta version of the VERA platform (<https://vera.operas-eu.org>). This support is in high demand, as evidenced by the large number (172) of proposals received in response to COESO's Open Call in early 2022. Additionally, what COESO has learned through its ongoing mutual learning exercises with their 10 pilot projects, as well as through COESO's involvement in the European citizen science community (through group meetings, conferences and bilateral discussions), support the notion that SSH citizen science projects could benefit from guidance in many areas – including creating and maintaining collaborations between academia and other societal stakeholders, solving ethical questions, finding funding, overcoming administrative challenges, building effective science communication skills and more.



The VERA platform (Virtual Ecosystem for Research Activation) addresses a number of the community's needs. Developed by the OPERAS member Net7 (that also developed GoTriple), the VERA platform is based on two years of user research and input from the community through co-design workshops, focus groups and interviews with

potential users from diverse genders and backgrounds. VERA is a public online platform for researchers and engaged stakeholders to co-create participatory research projects that include social sciences and humanities disciplines. "Engaged stakeholders" include activists, journalists, artists and other professionals/organisations that have direct contact and or interest in particular issues relevant to citizens. On the platform, VERA users can create their own personal profiles to facilitate networking for project building; create project profiles to share their research and access helpful collaboration tools; and, through integration with FundIt (<https://fundit.fr/en>) platform, search for relevant funding. Selected projects created on VERA will also be visible on the well-established Eu-Citizen.science platform, through a dedicated connector, thus giving SSH citizen science projects additional visibility. The final version of VERA will be available to the public in November 2023.

The final VERA platform, as mentioned above, will be a tool for finding appropriate funding opportunities. The background work behind this tool was extensive. Beginning in 2021, the COESO consortium conducted an exploratory landscape study to identify the existing funding opportunities for SSH citizen science projects. This study was followed up by the creation of an advocacy action plan, which provides funders and fundees with concrete actions they can take to increase funding opportunities. In 2022, COESO took on some of these proposed actions: a series of online workshops for funders at national and international levels were designed and carried out. The workshops facilitated conversations among funders about the challenges they face to fund SSH citizen science and the solutions they have found to overcome them. They also provided important input for COESO's policy brief, *Fostering funding for citizen science in the social sciences and humanities*.

From a variety of perspectives, citizen science can be understood as an integral part of open science. To start with, citizen science "opens" science up to the non-academic world by incorporating citizens into all stages of the research cycle. Furthermore, citizen scientists produce knowledge that is of interest, not only to researchers, but also to a broader audience. This dimension leads to an additional way that citizen science contributes to open science: citizen scientists utilise atypical science communication formats to foster public engagement and communicate results. To this end, the COESO project has also been experimenting with and showcasing practices used by their pilot project: blogging, a transmedia website and a podcast ("Exploring Citizen Science: can research and society be (re)connected") targeted at the European community at large.



FOCUS ON ► OPERAS-PLUS

On the road to sustainability – 15 partners from 13 countries – € 2 747 864 grant

OPERAS PLUS

Paving the way for OPERAS as an efficient open Social Sciences and Humanities scholarly communication Research Infrastructure. The OPERAS-PLUS project started on 1 September 2022 and receives funding from the Horizon Europe framework Infra-Dev.

As already described in the projects section OPERAS-PLUS project aims at supporting this process and the development of the infrastructure in its preparatory phase and on its way towards implementation. It will empower OPERAS to further:

1. Strengthen its governance structure in regard to financial, legal and human resources
2. Support the network of national nodes and their national activities
3. Develop the services portfolio providing both required technology and a monitoring system for services development
4. Maximise OPERAS' impact in the ERA and at an international level by extending it beyond its current scope and onboarding new members and countries in the infrastructure.



OPERAS-PLUS team at the Kick-Off meeting in the OPERAS headquarter in Brussels on October 4 and 5.

FOCUS ON ► Diamond Open Access Action Plan

After the landmark Open Access Diamond Journals Study (OADJS), OPERAS engaged with three partners into proposing an action plan that would support the implementation of the most important recommendations coming from the study. The “Diamond Action Plan” was proposed in March 2022 by Science Europe, cOAlition S, OPERAS and the ANR to be adopted by the widest possible community. It proposes to align and develop common resources for the entire Diamond OA ecosystem, including journals and platforms while respecting the cultural, multilingual and disciplinary diversity that constitutes the strength of the sector. So far, more than 144 organisations and 133 individual supporters endorsed the Plan, forming the backbone of a growing community that aims at becoming global. To this end, a series of annual conferences was initiated in Zadar, Croatia, in partnership with the PUBMET conference.

Further prospects

In 2023, the second conference will take place in Toluca, Mexico, in collaboration with the Redalyc 20th anniversary conference, reaching a global dimension that will continue to be developed in the coming years. In the meanwhile, the European Commission launched three calls for projects that would fund the development of resources and the alignment of policies to support the OA Diamond model. Projects DIAMAS, Craft-OA and PALOMERA are the concrete answers to these calls. They will prepare for the development of a capacity centre where the scholarly community will find all of the resources they need to adopt an OA diamond publishing model and ensure its sustainability.



Ownership and governance of Diamond Open Access venues must be legally recognised and protected, and their funding should be better understood, increased and coordinated.

Vanessa Proudman
Director of SPARC Europe



The action plan intends to engage all stakeholders in Diamond Open Access and foresees capacity building by creating a tool suite including training material and a Capacity Center.

Zoé Ancion
Open Science Policy Officer at the French National Research Agency



Innovation can act as a driver for diversity: we need a coordinated and collective approach to support a sustainable and community-driven scholarly communication ecosystem for Diamond Open Access publishing.

Pierre Mounier
Coordinator of OPERAS



We need to engage a dialogue with the various Diamond communities to co-create robust but flexible standards and guidelines across various components of academic publishing.

Johan Rooryck
Executive Director of cOAlition S

Services

4 services in production, 3 services in beta, 5 in various phases of evaluation and design

OPERAS offers a comprehensive approach to scholarly communication, supporting the entire cycle of scholarly communication and enabling greater community control over openness and accessibility. OPERAS aggregates, federates and scales up resources, providing services to increase the overall quality of SSH research.

There are three types of services provided by OPERAS:

- 1) Services managed by OPERAS, responsible for overall coordination, delivery and evolution.
- 2) Services managed directly by community providers but discoverable through the OPERAS website. These services are required to have their own sustainable structures, but receive direct OPERAS participation, contribution and support.
- 3) Internal services necessary for managing and operating the OPERAS federation, both technical and non-technical.

In 2022, the OPERAS service portfolio has grown, and as a result, services were re-grouped into eight categories: Discovery, Analytics, Quality Assurance, Research4Society, Multilingualism, Training, Operational and Collaboration Tools.

Several services have matured through the service phases, notably the GoTriple discovery service, which enables users to discover and reuse open scholarly resources in multiple languages. It also allows users to connect with other authors and researchers in Social Sciences and Humanities and provides innovative tools such as visualisation, analytics, web annotation, trust building and recommender systems.

- ▶ **PRISM** (Peer Review Information Service for Monographs) rolled out its production service in November, which aims to improve transparency and trust in Open Access book publishing by providing standardised information about the peer-review process.
- ▶ **VERA**, a new platform that allows researchers to collaborate on citizen science projects and provides support throughout the entire project process, went from the design phase to alpha over the year, with the beta version made available at the start of 2023.
- ▶ **Pathfinder**, still in development, conducted several user workshops to ensure that the service meets the needs and expectations of Editors and Press/Publishing Directors to discover the services that they need in the full editorial process.

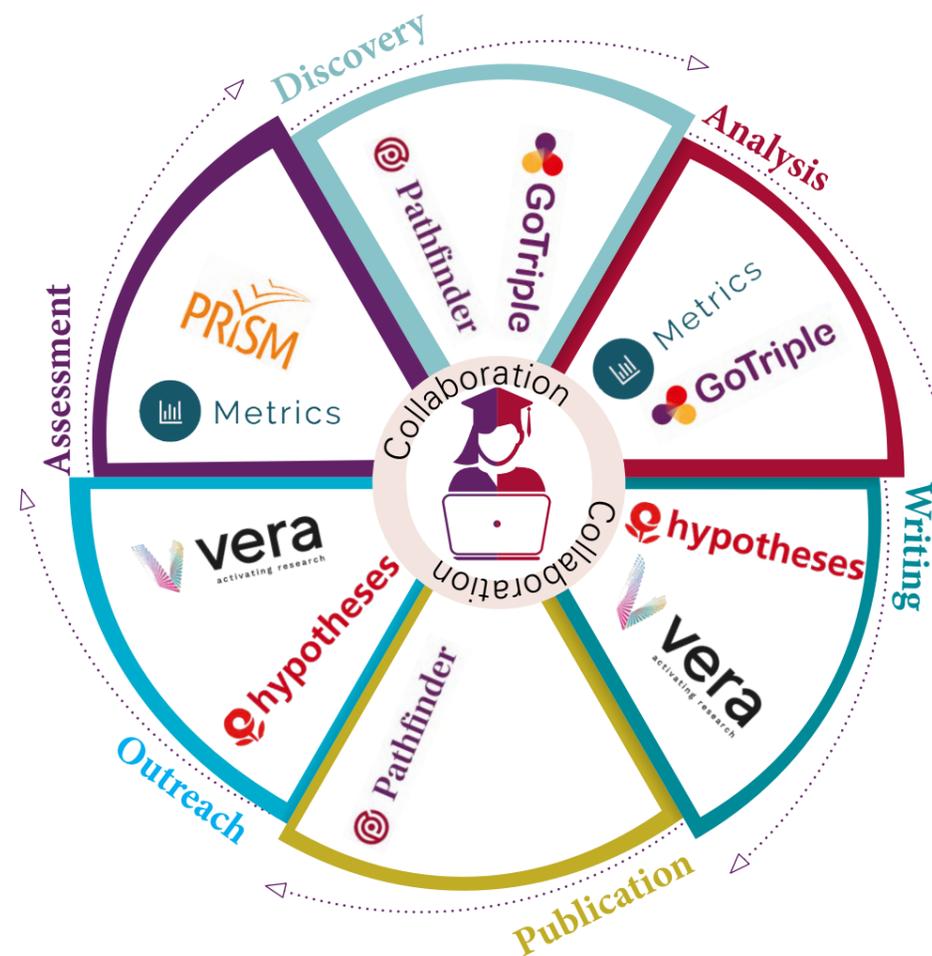
Other services have continued to remain available with a continual service improvement approach such as Hypotheses, the platform that provides a space for Social Sciences and Humanities research blogs, fostering innovative formats of scholarly communication and offering multilingual content as well as the OPERAS Metrics service, which collects usage and impact metrics from various sources related to published Open Access books, which can be accessed, displayed and analysed from a single access point.

In addition to its core services, internal services such as the Operational and Collaboration Tools offered by OPERAS saw the beta rollout of the OPERAS ID in June, which provides a single solution for user registration across all OPERAS services while offering federated identity such as ORCID, Google, and EGI Check-in. The FitSM training and certification program in lightweight service management, mainly for OPERAS members and selected projects, put its final organisational measures in place over the second half of the year, with the first course held in January 2023.

Finally, OPERAS also offers a range of professional services to support the management and coordination of scholarly communication in the SSH. This includes consultancy services on topics such as FAIR data management, IT service management (ITSM), policy development, and Open Science. OPERAS also provides communication and outreach services to help increase the visibility and impact of SSH research.

Through its legal entity, the OPERAS AISBL ensures the sustainability and long-term development of its activities and services, as well as the effective collaboration and coordination of its members and partners. As the TRIPLE project is coming to an end in March of 2023, the management and governance framework is being finalised to incorporate GoTriple as an OPERAS managed service.

Moving forward, OPERAS will continue to strive to improve the quality and efficiency of scholarly communication in SSH by coordinating and federating resources across Europe and to support SSH research with services that benefit Open Science and society without barriers.



Focus on ► GoTriple

As the TRIPLE project is coming to an end in March of this year, last features have been implemented into the GoTriple discovery service. The platform has officially opened registration for users at the end of 2022, finally enabling users to exploit the potential of the service. Registered users are not only able to display their expertise, interests and projects they are involved in, but to contact other users via a dedicated chat integrated into the platform. Furthermore, registered users can claim articles and other publications written by them, thereby creating an easy way to display their academic output. Users are able to log in with their ORCID, Google, or EGI account or to create a new, local account on OPERAS' single sign-on service (OPERAS ID). The platform has finally overcome the beta version and is now production ready.

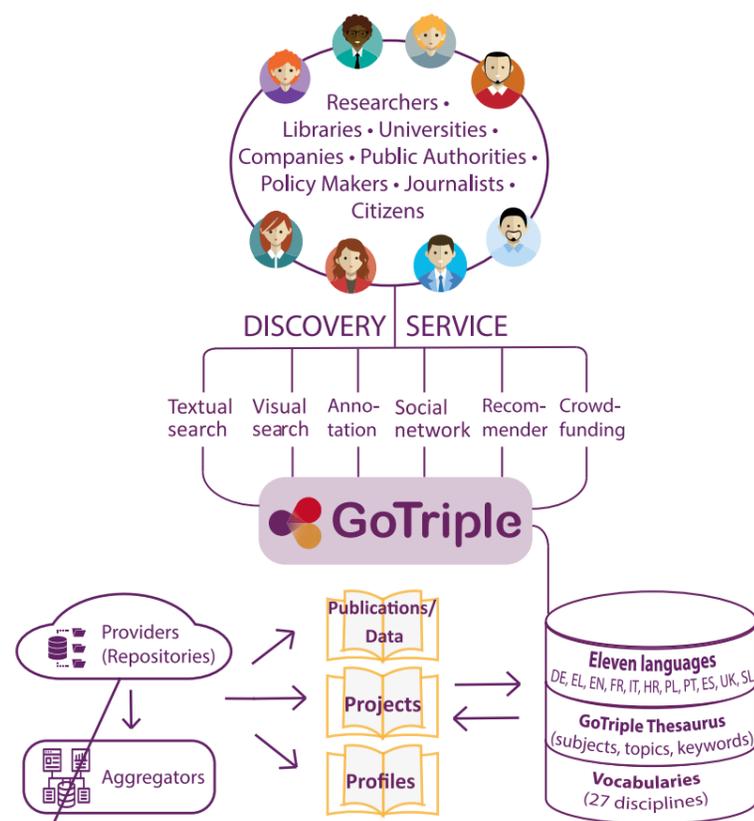
As of December 2022, GoTriple BETA offers...

 4,3+ million publications	 2.8+ million authors and 170 users' profiles	 27 SSH disciplines	 11 languages
 112,000+ data sets	 10 Aggregators and providers	 3,300+ SSH concepts	 5 Innovative services



This article published on the EU Researcher Magazine presents the GoTriple platform: designed to help researchers access publications, data, researcher profiles and projects of interest, and build relationships with their peers.

Triple article Magazine results booster (<https://euresearcher.com/latest-issue/>)



Dumouchel, Suzanne. 2023.

“Discover and Collaborate via GoTriple.”

EU Research Winter 2022 (33): 52–53.

<https://doi.org/10.56181/UUOX3836>.

OPERAS FAIR Activities

Adoption of FAIR principles to Social Sciences and Humanities research results

Funded by the French ANR, the CO-OPERAS project aimed at promoting the application of FAIR principles in the field of Social Sciences and Humanities, both for data and publications. The project started in 2019 and ended in December 2022.

The project started with a literature review aiming at specifying the notion of data in the SSH and a series of workshops for SSH researchers were organised in different European countries and in their national languages (5 workshops, 94 participants in total). All materials and reports have been deposited on Zenodo¹.

After 2021, the project focused more on the specific importance of publications in the SSH community and the challenges of their FAIRification. In particular, CO-OPERAS assisted OpenEdition in the FAIR audit of its four publication platforms. A FAIRification methodology of publication services based on the OpenEdition case study was published in December 2022 by a peer-reviewed journal, Journal of Electronic Publishing². In parallel, CO-OPERAS launched a blog in English for the SSH community entitled "Road to FAIR SSH"³.

During the project's last period in 2022, CO-OPERAS coordinated, together with OpenEdition and the SIG Standards, a support and training program for SSH publishers newly admitted in OpenEdition. Two online workshops provided training to publishers on metadata quality and FAIR principles and the journals received support to increase their metadata quality. Another online workshop was organised with OPERAS and the ERICs in SSH CESSDA, CLARIN and DARIAH to present the actions undertaken by each RI in favour of FAIRification and to explore the ways of regular collaboration on this subject between these different infrastructures in the future. This collaboration will ensure better coordination at the SSH level between the various FAIR-related projects where the Research Infrastructures are involved: EOSC future, FAIR-Impact and Skills4EOSC.

OPERAS Engagement in Europe

Empowering Social Sciences and Humanities research by collaboration

OPERAS is devoted to Open Science, and as such it is a full member of the EOSC Association and participates in building the European Open Science cloud by delivering services and contributing to task forces and more activities of the association. Concentrating on Social Sciences and Humanities the OPERAS Research Infrastructure is engaged in several collaborations on different levels with the Social Sciences and Humanities ESFRIs and more generally with the five SSH ERICs.

Three different tools structure the general framework of collaborations between OPERAS and the SSH ESFRIs:

1. Signature of Memorandum of Understanding: with the SSHOC community in May 2022 and with CESSDA in September 2022.
2. Opening a seat at the General Assembly level through dedicated supporting membership with DARIAH.
3. Being partners in different EU projects for the SSH community (OPERAS-P, TRIPLE, OPERAS-PLUS, SSHOC, PALOMERA). Most of these projects have been initiated by OPERAS to call for collaboration with the existing ERICs from the Social and Cultural Innovation domain.

¹ https://zenodo.org/communities/co_operas/?page=1&size=20

² <https://doi.org/10.3998/jep.1540>

³ <https://roadtofair.hypotheses.org/>

COLLABORATIONS



This schema describes the collaborations of OPERAS with other ERICs and organisations on a European and international level.



Collaboration of OPERAS, TRIPLE, SSHOC and DARIAH at the SSHOpenCloud Booth at the DARIAH Annual Event 2022 in Athens.



5

Impact

Measuring the progress:
OPERAS Key Performance Indicators
and Objectives



► Objectives for the year 2022

In 2020, the Executive Assembly defined a list of six priority objectives to support, assess and measure our progress against OPERAS' four pillars (that define the purpose of the infrastructure). These objectives were defined for a three-year period and are an important indicator of our success in continuously improving our performance overall. Below you can find the figures for 2022.

Measuring the progress of these objectives

Pillars	Objectives	Indicators	Data 2022
Redesigning ecosystem	Putting the book into the Open Science environment	No. of publishers who have joined our network and are willing to enter the Open Science movement	64
Empowering community	Adding OPERAS services to the EOOSC catalogue of services	No. of services part of the EOOSC catalogue of services.	4
	Fostering the adoption of FAIR principles for data and publications in the SSH	No. of members of CO-OPERAS implementation network	64
Supporting bibliodiversity	Ensuring diversity of open scholarly communication practices through the different services	No of publishers participating in PRISM	13
Fostering quality	Offering quality services	No. of service candidates for initial Core Trust Seal evaluation	2

Projects, members and services

Projects	8 projects submitted: OPERAS-PLUS, Palomera, CRAFT-OA, DIAMAS, Skills4EOOSC, Grasp-OA and OAEBU; HTTP-OS-NetR was not successful	8
Projects	No. of collaborative projects in which OPERAS RI is a participant or coordinator TRIPLE, COESO, OPERAS-PLUS, DIAMAS, Skills4EOOSC, OAeBU, Translation and Open Science project, CO-OPERAS, OPERAS-GER, OPERAS-PL	10
Members	No. of core members of OPERAS CNRS, IBL Pan, Jisc, Max Weber Stiftung, OAPEN, University of Coimbra, University of Turin, University of Zadar, ZRC SAZU	10
	No. ordinary members of OPERAS	42
	No. of supporting members of OPERAS	3
	No. of countries where OPERAS is established	21
Services	No. of services in evaluation	5
	No. of services	7

Communication

Elements	Key Information	2022	Change in % to 2021
Publications reports and white papers published in OPERAS' Zenodo community	No of new documents on Zenodo	67	-32%
	No of views for the most viewed one published 2022	10255	-50%
	No of downloads for the most downloaded one published 2022	6850	-42%
Peer-Reviewed Publications/Journals	No of Peer-Reviewed Publications/Journals	3	50%
Newsletter	No. of subscribers	390	15%
	Total click: opened newsletter	559	21%
Twitter	No. of followers	2863	21%
	No. of annual retweets	1077	-17%
	No. of annual impressions	169058	-62%
Blog & Website	No. of annual visits blog	143565	-7%
	No. of unique users per year blog	37362	4%
	No. of annual visits website	18924	40%
	No. of page views on the website	34965	25%
Events	No. of public events (conferences, workshops, events) organised by OPERAS or within the framework of one of its project	Total: 35 TRIPLE: 15 (9 workshops, 1 That-Camp, 1 booksprint, 4 user engagement Workshops) COESO: 8 (workshops and pilot events) CO-OPERAS: 2 (workshops) OPERAS-GER: 10	-8%
Trainings		5	-37%



6

What's next?

Some Future Prospects



National Communities

In 2022, OPERAS national communities further established their activities. Establishing national communities is a continuing topic for OPERAS National Nodes that will get more importance in 2023. Besides several other initiatives, for 2022, we want to highlight two examples: OPERAS-PL and OPERAS-PT.

OPERAS-PL

OPERAS^{PL} The Polish National Node OPERAS-PL was launched in June 2021 during an open seminar organised by the Digital Humanities Centre at the Institute of Literary Research of the Polish Academy of Sciences (IBL PAN). Earlier, Open Science specialists of the IBL PAN team created a strategy for the national node, presenting the main goals and action plan for the coming several years. Shortly after the seminar, the monthly OPERAS-PL Newsletter was launched and the team started regular communication via Facebook and Twitter accounts. Currently, OPERAS-PL has over 220 e-mail subscribers. Shortly after launching the initiative, the team started to seek funding.

It received funding by the Polish Ministry of Education and Science for two years, officially starting in September 2022.

The main goals for the upcoming two years are:

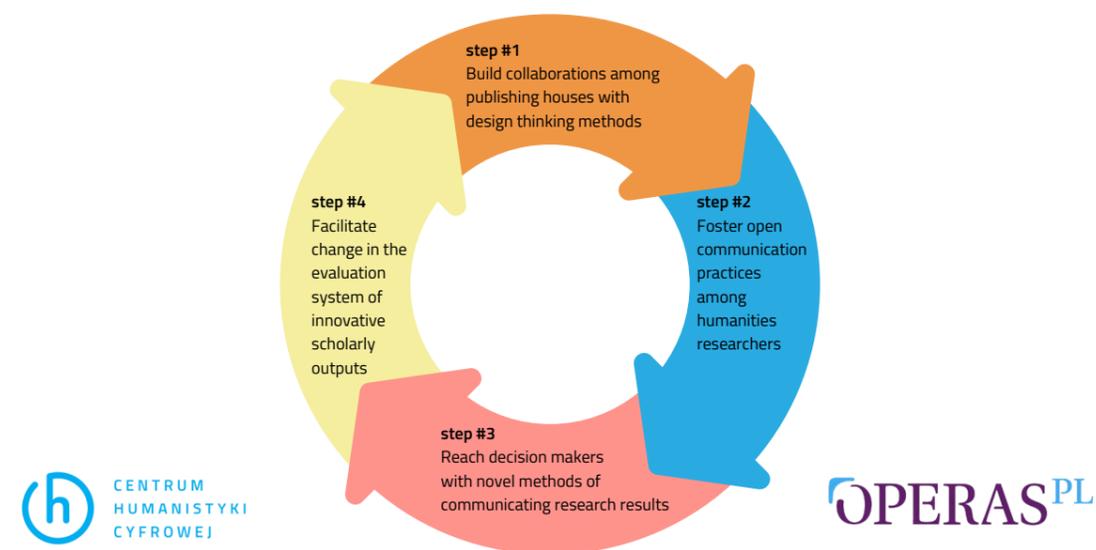
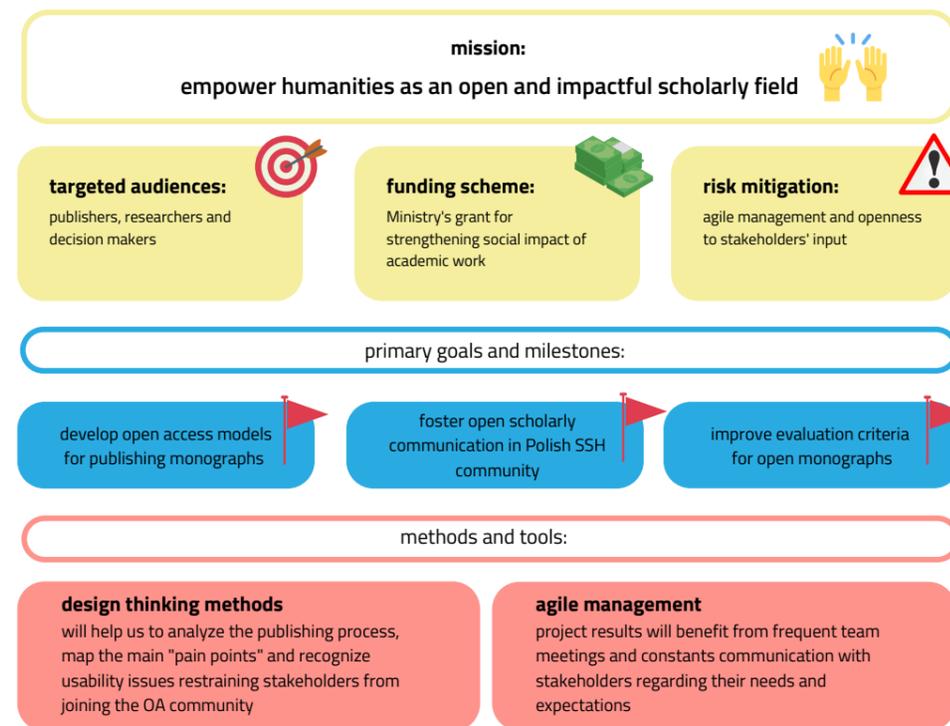
1. Fostering innovative forms and practices of open scholarly communication in the Polish humanities;
2. Introducing new standards for evaluating innovative research outputs and Open Access publishing;
3. Developing competencies of Polish researchers in open scholarly communication.

The goals will be achieved through a list of actions, such as:

- ▶ Working out a new Open Access publishing model for Polish humanities monographs;
- ▶ Publishing a digital monograph on innovative scholarly practices in the humanities;
- ▶ Collaborating with various stakeholders and policymakers on changing the evaluation criteria for Open Access and digital research outputs;
- ▶ Organising a series of workshops for publishers, editors, librarians and researchers on various trends and practices of open scholarly communication;
- ▶ Promoting Open Access and innovative research outputs on social media as well as open seminars and events.

The OPERAS-PL mission is to create a knowledge hub focusing on e-infrastructures, open scholarly practices and Open Access models for Polish SSH. The team works on bringing together various groups within the Polish SSH community: researchers, academic institutions, publishers, librarians and policymakers, in order to create a consortium for the Polish OPERAS infrastructure. Including OPERAS-PL on the Polish Roadmap for Research Infrastructures will help sustain the initiative and make it a credible partner for other stakeholders in Poland. Selected community building and dissemination actions:

- ▶ OPERAS-PL strategy for the next two years presented in a poster "OPERAS-PL development strategy for local open scholarly communication" at the 17th Munin Conference on Scholarly Publishing (see the poster below);



Publication funded by the state budget within the framework of the program of the Ministry of Education and Science called "Science for the Society", project number Nds/55134/3/2022/2022.

- ▶ A community reach-out to publishers and editors at the annual conference organised by the Scholarly Publishing Committee of The Conference of Rectors of Academic Schools in Poland (CRASP). Two mentions: during a presentation and later at a discussion panel;
- ▶ Meeting of the OPERAS-PL team with the Polish Ministry to discuss its premises as a national infrastructure;
- ▶ OPERAS-PL featured in the Digital Humanities Centre promotional videos: https://www.youtube.com/watch?v=C-UMZvOuRks&list=PL0ED3zILS-Ehsc8_nT8IsIRj-fopoBdXz&index=2;
- ▶ Queens of Humanities social media campaign aimed at preparing the community for the project through engaging Facebook posts about innovative publications. The effects of the campaign were presented at DARIAH Annual Event in a poster: "Queens of Humanities: stories to attract and engage".

OPERAS-PL explores opportunities for meaningful collaborations in the future with other Polish nodes of international consortia, such as DARIAH-PL and CLARIN-PL. With Dariah-PL (mainly its new initiative Dariah.Lab), it has already established fruitful collaboration regarding the Open Access models and digital transformation for the Polish scholarly presses and publishing houses in the area of humanities disciplines.

OPERAS-PT

The Portuguese national node is in the process of being implemented. In January 2022, a core group of four institutions that already are part of OPERAS (Coimbra, Nova-FCSH, ISCTE-IUL, together with APEES – Portuguese Association of Higher Education Presses, representing 12 academic presses) answered positively to the call launched by the Portuguese national funding agency (FCT – Fundação para a Ciência e a Tecnologia) for the Expression of Interest regarding the National Roadmap for Research Infrastructures (RNIE).

The institutions that started the process (Coimbra, Nova-FCSH, ISCTE-IUL and APEES) cover most of the national higher education institutions, and the OPERAS-PT node will give the impulse to cover the whole academic system.

II. Planned activities and performance indicators of the infrastructure (2022–2027)

1. Opportunities and challenges for OPERAS-PT

- ▶ Identify resources pertaining to the implementation of the node and involve national stakeholders (service users, regulatory agencies, funders...);
- ▶ Identify specific needs and define targeted solutions connected to local realities and provide support and training to regional communities (e.g. small-sized publishers, learned societies, research centers);
- ▶ Indicators: stakeholders involved; geographical covering; targeted training.

2. OPERAS-PT and OPERAS central hub

- ▶ Relation between the central hub and OPERAS-PT and its inclusion in the governance model;
- ▶ Engage OPERAS-PT in the development of the hub's working program, by bringing in national strengths;
- ▶ Indicators: OPERAS-PT alignment with the central hub and its contribution to OPERAS global program.

3. Other national and international SSH nodes; multilingualism

- ▶ Identify intersections, opportunities for collaboration and risks of overlapping with other already existing National Nodes and specify the added-value of OPERAS-PT;
- ▶ Explore paths to reach beyond Europe, to include international needs in OPERAS (by learning from them), and to bring OPERAS' services to the world;
- ▶ Multilingualism: boost strengths with countries that share a common language and cultural affinities, namely by the development of a platform for the support of academic translation.
Indicators: level of integration with other national and international RIs; degree of maturity of the translation/publishing platform.

4. Resources needed and strategies for attracting funding

The partners commit 'in kind' support to the node, but the stability of the infrastructure will also depend on the support it receives from its inclusion in the RNIE, from competitive funding (OPERAS has a good funding track record) and freemium services. The resources required are essentially human resources, and scientific and technical equipment for the development and maintenance of the academic translation/publication support platform.

Projects Prospects

In GraspOS project (which stands for next Generation Research Assessment to Promote Open Science) that started early January 2023, OPERAS aims at developing an open and trusted federated infrastructure for research metrics and indicators, and participates notably in identifying, building and engaging a Community of Practice, supporting research assessment and landscaping activities for existing tools and services.

The PALOMERA project, co-coordinated by OPERAS and OAPEN, started 1 January 2023 and aims at speeding up the transition to open access for books, thus feeding the inclusion of academic books in Open Science policies.

The CRAFT-OA project aims to equally evolve and strengthen the Diamond Open Access (no fees towards authors or readers) institutional publishing landscape. By offering tangible services and tools for the entire life cycle of journal publishing, CRAFT-OA empowers local and regional platforms and service providers to upscale, professionalise and reach stronger interoperability with other scientific information systems for content and platforms. These developments will help researchers and editors involved in publishing.



Appendix 1

Operas in Numbers

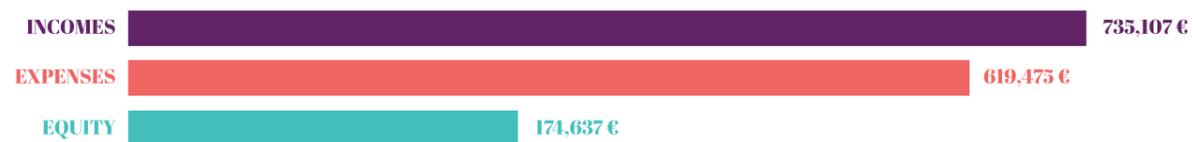


Appendix 1: Financial Overview

In 2022 the OPERAS budget has been growing enormous thanks to more projects participation of the OPERAS AISBL. The financial statement is presented as of 31 December 2022. The end-of-year accounts show a positive result amounting to 114,849 €, which accumulated to the previous end-of-year totals 174,637 €.

Table of OPERAS Financial statement 2022

Income and Expenses	2022 (€)
Projects incomes	354,862
Membership fees	80,000
Subsidiaries France (ministry and CNRS)	211,291
Other funding	88,953
Total Incomes	735,107
Sub total employee costs	-333,568
Sub total office costs	-51,873
Sub total financial and professional costs	-47,536
Sub total project costs	-126,498
Other expenses crowd funding initiative	-60,000
Total Expenses	-619,475
Projected end of year result	115,632
Financial charges & revenue	-784
Profit end-of-year 2022	114,848
Brought forward end-of-year 2021	59,789
Cumulative profit (equity)	174,637



OPERAS AISBL Equity 2020 to 2023



OPERAS project resource used in 2022 and funding claimable

In 2022 OPERAS has managed 6 projects, of which 5 started in the second semester 2022. 85% of the workforce is accounted for in the project resource.

Projects resource (person months PM)	Used PM in 2022	Total for funding (€)
TRIPLE	15.2	73,200
DIAMAS	1.4	7,442
Skills4EOSC	1.1	5,959
OPERAS-PLUS	5.5	83,217
Translation and Open Science project	7.8	165,237
OAcBU Data Trust	1.3	18,871
Total project resource 2022	32.3	234,295

Number of Members of OPERAS participating in projects in 2022 (linear projection of the total funding/total project months)

The table herebelow shows the participation of OPERAS' members in the EU funded projects. In two projects the ratio of participation is 50%.

Project	Members	Total Partners	Number of Members	SUM of Funding 2022* (€)
DIAMAS	Core members	22	4	35,447
	OPERAS	22	1	32,500
	Ordinary members members	22	5	75,419
	Supporting members	22	1	3,819
DIAMAS Total			11	147,185
OPERAS-PLUS	Core members	14	9	154,321
	OPERAS	14	1	122,413
	Ordinary members members	14	3	23,418
	Supporting members	14	1	5,167
OPERAS-PLUS Total			14	305,319
Skills4EOSC	Core members	43	2	26,489
	OPERAS	43	1	41,417
	Ordinary members members	43	3	42,523
Skills4EOSC Total			6	110,429
TRIPLE	Core members	22	7	541,627
	OPERAS	22	1	76,000
	Ordinary members members	22	2	263,832
	Supporting members	22	1	57,821
TRIPLE Total			11	939,280
Grand Total			42	1,502,213

* linear projection of the budget planned in 2022



Appendix 2

Publications and reports of the
OPERAS community



Appendix 2: Publications of the OPERAS Community

Focus on Key Publications

The TRIPLE Training Toolkit is part of the work performed by Work Package 6 under Task 6.3 in the TRIPLE Project (Transforming Research through Linked Interdisciplinary Exploration). The purpose of the TRIPLE Training Toolkit is to provide effective support to the research community in the uptake and application of Open Science and FAIR Data management practices within training activities and to address the frequent findability and reusability issues related to the management of digital training materials.

The Toolkit shows how the digital training materials created within the project are in line with the FAIR principles and enables for the experiment to be reproduced. It includes 11 reference documents referred to as reproducible templates that trainers can use and adapt to their needs along with illustrations of the process to facilitate the uptake of the method.

Di Donato, Francesca; Provost, Lottie, Lombardo, Tiziana; Vignoli, Michela; Pohle, Stefanie; Tóth-Czifra, Erzsébet; Chen, Yin; and Blotière, Emilie. 2022. "TRIPLE Training Toolkit". Zenodo.

<https://doi.org/10.5281/zenodo.7309919>

FAIRifying a scholarly publishing service: Methodology based on the OpenEdition's internal FAIR audit

The FAIR principles (Findability, Accessibility, Interoperability, and Reusability) constitute a guide whose aim is to improve the management of digital scholarly resources. Nevertheless, the literature regarding data services other than data repositories is still scarce. OpenEdition is a digital infrastructure for open scholarly communication in the Social Sciences and Humanities (SSH) that carried out an internal full review to assess the degree of FAIRness of its activities. The objective of this paper is to present the methodology employed by OpenEdition's team and the recommendations for the FAIRification of a publishing system, and hence, the elements for the FAIR Publishing Toolkit. The FAIR review was conducted in three main phases: preparation, assessment, and result phase, which listed the recommendations for the FAIR principles implementation. The preparation phase gathered the available information to define the perimeter of the FAIR review. It comprised two steps: the landscape study and the exam of actual use cases. The assessment phase contextualized the FAIR principles according to the scholarly publishing context, defined the datasets to be analyzed, carried out a FAIR maturity review per dataset, and analyzed the state of the art of some important FAIR-related elements. The result phase produced the recommendations, organized as priorities and extended objectives. The priority recommendations regard persistent identifiers and licensing policies. The extended objectives focus on authors' information management, controlled vocabularies, machine-actionability, and Digital Management Plans.

Avanço, K. & Gingold, A., (2022) "FAIRifying a scholarly publishing service: Methodology based on the OpenEdition's internal FAIR audit", The Journal of Electronic Publishing 25(2).

<https://doi.org/10.3998/jep.1540>

910 views 149 downloads



Action Plan for Diamond Open Access

Ancion, Zoé; Borrell-Damián, Lidia; Mounier, Pierre; Rooryck, Johan; Saenen, Bregt

Science Europe, cOAlition S, OPERAS, and the French National Research Agency (ANR) present an Action Plan for Diamond Open Access to further develop and expand a sustainable, community-driven Diamond OA scholarly communication ecosystem. It focuses on efficiency, quality standards, capacity building, and sustainability, and it addresses the alignment and development of common resources for the whole Diamond OA ecosystem, including journals and platforms, while respecting the cultural, multilingual, and disciplinary diversity that constitutes the strength of the sector. The Action Plan intends to create an inclusive worldwide community that has the tools to strengthen existing Diamond OA journals and platforms and increase their visibility.

URL: <https://zenodo.org/record/6282403> | DOI: <https://doi.org/10.5281/zenodo.6282402>

7,373 downloads, 11,200 views

Editions

- ▶ OPERAS Consortium. 2022. "OPERAS Annual Report 2021". Zenodo. <https://doi.org/10.5281/zenodo.6618693>.
- ▶ Ancion, Zoé, Borrell-Damián, Lidia, Mounier, Pierre, Rooryck, Johan, and Saenen, Bregt. 2022. "Action Plan for Diamond Open Access". Zenodo. <https://doi.org/10.5281/zenodo.6282403>.

Publications

- ▶ Achenbach, Kelly; Błaszczczyńska, Marta; De Paoli, Stefano; Di Donato, Francesca; Dumouchel, Suzanne; Forbes, Paula; Kraker, Peter & Vignoli, Michela. (2022). Defining discovery: Is Google Scholar a discovery platform? An essay on the need for a new approach to scholarly discovery. DOI: <https://doi.org/10.12688/openreseurope.14318.1>
- ▶ Andreini, Giulio & Luca De Santis (2022): Burckhardt Source correspondence text analysis. In: *Interoperability of Annotations and User Sets – Report and Recommendations*. European Network Association, 19-25. Online: <https://pro.europeana.eu/project/interoperability-of-annotations-and-user-sets>
- ▶ Avanço, K. & Gingold, A., (2022) "FAIRifying a scholarly publishing service: Methodology based on the OpenEdition's internal FAIR audit", *The Journal of Electronic Publishing* 25(2). doi: <https://doi.org/10.3998/jep.1540>
- ▶ Chibois, Jonathan, and Alessia Smariotto. 2022. "Open Digital Infrastructures for Bridging Professional Cultures: The Case of Extreme Citizen Science Between Journalism and Research." SocArXiv. August 28. DOI:10.31235/osf.io/n9cev (online: <https://osf.io/preprints/socarxiv/n9cev/>).
- ▶ de Paoli, Stefano, Blotière, Emilie, Forbes, Paula & Arasteh-Roodsary, Sona Lisa (2022): Measuring and Promoting the Success of an Open Science Discovery Platform through "Compass Indicators": The GoTriple Case. In: *Publications*, 10 (4), 49. DOI: <https://doi.org/10.3390/publications10040049>
- ▶ Di Donato, Francesca, and Lottie Provost. 2022. 'The TRIPLE Training Toolkit. From Online Training on Open Science to the Design and Delivery of Open Educational Resources: An Example of FAIR-ification of Digital Training Resources and Workflows'. In *Conferenza GARR 2022 – Condivisioni – La Rete Come Strumento per Costruire Il Futuro*, GARR. DOI: <https://doi.org/10.26314/GARR-Conf22-proceedings-09>
- ▶ Di Donato, Francesca; Provost, Lottie, Lombardo, Tiziana; Vignoli, Michela; Pohle, Stefanie; Tóth-Czifra, Erzsébet; Chen, Yin; and Blotière, Emilie. 2022. "TRIPLE Training Toolkit". <https://doi.org/10.5281/zenodo.7309919>.
- ▶ Dumouchel, Suzanne. 2023. "Discover and Collaborate via GoTriple." *EU Research Winter 2022* (33): 52–53. DOI: <https://doi.org/10.56181/UUOX3836>.
- ▶ Leão, Delfim; Balula, Ana & Caliman Fontes, Lorena (2022). "Multilinguismo e bibliodiversidade: desafios para as Humanidades e Ciências Sociais", in Rita Virginia Argollo & Flávia Goulart Rosa (orgs.), *Editoras universitárias: desafios contemporâneos* (São Paulo, ABEU), 85-110, online: https://abeu.org.br/documents/30/EDITORAS_UNIVERSITARIAS_desafios_contemporaneos.pdf.
- ▶ Stojanovski, Jadranka. 2022. "The Changing Landscape of Scholarly Journals". *St-open* 3 (August): e2022.2219.10. <https://doi.org/10.5281/zenodo.7042229>.

Community activities (Slides Presentations, Workshops, Lessons, Posters)

- ▶ Achenbach, Kelly, and Smariotto, Alessia. 2022. Creating a Digital "collaboratory" for Participatory Research in Interdisciplinary Projects (version 1.1). <https://doi.org/10.5281/zenodo.6822059>.
- ▶ Andreini, Giulio; Lombardo, Tiziana; and Arasteh, Sona. 2022. "TRIPLE Open Science Training Series: The Gotriple Pundit Annotation Tool (11 May 2022)". May 16. <https://doi.org/10.5281/zenodo.6552360>.
- ▶ Arasteh, Sona; Blotière, Emilie and Provost, Lottie. 2022. "Workshop Scientific Crowdfunding for SSH _ Atelier Le Financement Participatif Pour Les SHS". October 28. <https://doi.org/10.5281/zenodo.7261427>.
- ▶ Arasteh-Roodsary, Sona Lisa, Lombardo, Tiziana, Disch, Leonie, Inkret, Ana, Cupar, Drahomira, and Caliman, Lorena Maria. 2022. "TRIPLE Thatcamp#2: Scientific Crowdfunding. Presentation and Results.". July 29. <https://doi.org/10.5281/zenodo.6938725>.
- ▶ Avanço, Karla. 2022. "CO-OPERAS Network". March 1. <https://doi.org/10.5281/zenodo.6644761>.
- ▶ Bartzi, Katerina; Angelaki, Marina; Avanço, Karla; and Gingold, Arnaud. "Metadata Quality for Publication: Standards, Practices, Tools and Actors". December 20, 2022. <https://doi.org/10.5281/zenodo.7464507>.
- ▶ Bosman, Jeroen, and Kramer, Bianca. 2022. "The Institutional Publishing Ecosystem, Publishing and Service Providers: Scope and Concepts for DIAMAS". November 30. <https://doi.org/10.5281/zenodo.7378067>.
- ▶ Broeder, Daan; Vasilogamvrakis, Nikos; and Katsaloulis, Iraklis. 2022. "TRIPLE Open Science Training Series: Multilingual Vocabularies for SSH (20 April 2022)". April 28. <https://doi.org/10.5281/zenodo.6501586>.
- ▶ Dumouchel, Suzanne. 2022. "D'une infrastructure nationale à une infrastructure européenne: évolution d'un service de découverte des données en SHS". June 30. <https://doi.org/10.5281/zenodo.6782563>.
- ▶ Dumouchel, Suzanne. 2022. "About Maintenance and Knowledge Infrastructures: Some Thoughts and Examples from OPERAS Experience". June 30. <https://doi.org/10.5281/zenodo.6782623>.
- ▶ Dumouchel, Suzanne. (2022, April 20). The OPERAS scientific crowdfunding channel (and the discovery service). Zenodo. <https://doi.org/10.5281/zenodo.6598743>
- ▶ Dumouchel, Suzanne. (2022, March 17). Scholarly Communication in the Open Science Framework: Engaging with OA publishers. Open Science Conference 2022, Online Conference. Zenodo. <https://doi.org/10.5281/zenodo.6365621>
- ▶ Dumouchel, Suzanne. 2022. "Addressing Multilingualism in the Gotriple Discovery Platform". January 27. <https://doi.org/10.5281/zenodo.5911857>.
- ▶ Forbes, Paula. 2022. "The Importance of User-centred Design for Open Science". February 21. <https://doi.org/10.5281/zenodo.6207721>.
- ▶ Forbes, Paula, Aversano, Alizé, and Arasteh-Roodsary, Sona Lisa. 2022. OPERAS Crowdfunding Workshop 24th May 2022. Zenodo. <https://doi.org/10.5281/zenodo.6579878>.
- ▶ Giglia, Elena, and Dumouchel, Suzanne. 2022. "OPERAS, the Research Infrastructure for Social Sciences and the Humanities". December 16. <https://doi.org/10.5281/zenodo.7463207>.
- ▶ Horváth, Alíz, and Aspaas, Per Pippin. 2022. Open Chat Series: How-to-advocacy "why Advocate for Open Scholarly Communication in the Social Sciences and Humanities?". Zenodo. <https://doi.org/10.5281/zenodo.7299487>.

- ▶ Inkret, Ana, and Arasteh, Sona. 2022. "TRIPLE Thatcamp#3 Presentation & Results". October 5. <https://doi.org/10.5281/zenodo.7149308>.
- ▶ Maryl, Maciej, and Wnuk, Magdalena. 2022. Open Chat Series: How-to-advocacy "how to Advocate for Innovation in Scholarly Communication?". Zenodo. <https://doi.org/10.5281/zenodo.7372891>.
- ▶ Peponakis, Manolis, Papanoti, Agathi, and Katsoulis, Iraklis. 2022. The Linked Data Ecosystem for SSH and a Case Study from the Cultural Heritage Domain. Zenodo. <https://doi.org/10.5281/zenodo.7467984>.
- ▶ Piel, Patrick, and Töpfer, Marlen. 2022. "Multilinguale rechercheplattform: wie nutze ich den service gotriple für die eigene forschung in den sozial- und geisteswissenschaften?". December 13. <https://doi.org/10.5281/zenodo.7431519>.
- ▶ Piel, Patrick, and Töpfer, Marlen. 2022. "OPERAS open chats: wir müssen reden. heute über qualitätssicherung". November 17. <https://doi.org/10.5281/zenodo.7380277>.
- ▶ Piel, Patrick, Töpfer, Marlen, Günther, Johanna, Jobmann, Alexandra, Graf, Dorothee, Gebert, Agathe, Błaszczńska, Marta, Mosterd, Tom, Caliman, Lorena, and Pogačnik, Aleš. 2022. "Wie Geht Open Access in Europa? Chancen Und Herausforderungen Gemeinsam Meistern". November 7. <https://doi.org/10.5281/zenodo.7299538>.
- ▶ Piel, Patrick; Hensen, Kilian and Schulz, Daniela. 2022. "OPERAS open chats: wir müssen reden. heute über geisteswissenschaftliche publikationen und editionen". September 15. <https://doi.org/10.5281/zenodo.7118493>.
- ▶ Piel, Patrick; Saar, Larissa; and Günther, Johanna. 2022. Citizen science und mehrsprachigkeit in der OPERAS forschungsinfrastruktur. Zenodo. <https://doi.org/10.5281/zenodo.7023334>.
- ▶ Piel, Patrick, and Achenbach, Kelly. 2022. "OPERAS open chats: wir müssen reden. heute über citizen science". June 23. <https://doi.org/10.5281/zenodo.6699611>.
- ▶ Piel, Patrick; Manista, Frank; and Stone, Graham. 2022. "OPERAS open chats: wir müssen reden. heute über diamond open access und open access geschäftsmodelle". April 21. <https://doi.org/10.5281/zenodo.6489370>.
- ▶ Piel, Patrick; Saar, Larissa; and Avanço, Karla. 2022. "OPERAS open chat zu den FAIR prinzipien und CO-OPERAS". February 18. <https://doi.org/10.5281/zenodo.6140186>.
- ▶ Saar, Larissa; Piel, Patrick; Mounier, Pierre, and Leão, Delfim. 2022. "OPERAS open chats: wir müssen reden. heute über mehrsprachigkeit in den geistes- und gesellschaftswissenschaften". May 19. <https://doi.org/10.5281/zenodo.6563422>.
- ▶ Saar, Larissa, Piel, Patrick, and Murray, Claire. 2022. "Workshop zur förderung von citizen science". May 17. <https://doi.org/10.5281/zenodo.6562815>.
- ▶ Saar, Larissa; Piel, Patrick; and Steiner, Tobias. 2022. "OPERAS open chats: wir müssen reden. heute über open access monographien". March 10. <https://doi.org/10.5281/zenodo.6497195>.
- ▶ Saar, Larissa; Piel, Patrick; and Dumouchel, Suzanne. 2022. "OPERAS open chats: wir müssen reden. heute über europäische forschungsinfrastrukturen und EU projekte". January 20. <https://doi.org/10.5281/zenodo.6496963>.
- ▶ Sganga, and Di Donato. 2022. "TRIPLE Open Science Training Series: Copyright and Academia in the Digital Era". June 22. <https://doi.org/10.5281/zenodo.6683670>.
- ▶ Töpfer, Marlen; Piel, Patrick and de Santis, Luca. 2022. "OPERAS open chats am 20.10.2022 zu discovery und gotriple". October 25. <https://doi.org/10.5281/zenodo.7248257>.

- ▶ Tóth-Czifra, Erzsébet, Weyenbergh, Gaël van, and Bouillard, Maxime. 2022. "TRIPLE Open Science Training Series - the Trust Building System (TBS)". March 18. <https://doi.org/10.5281/zenodo.6367121>.
- ▶ Wilkinson, Laura J.; and Kruijt, Lotte. 2022. "OPERAS-GER Webinar About DOAB and PRISM". November 22. <https://doi.org/10.5281/zenodo.7347666>.
- ▶ Wnuk, Magdalena; Tarasova, Svitlana; and Umerle, Tomasz. 2022. "The Gotriple Platform Critical Cataloguing Workshop Scenario". December 15. <https://doi.org/10.5281/zenodo.7443223>.

Multimedia

- ▶ COESO project (2023, January 10). *The ivory tower - Exploring Citizen Science | Podcast on Spotify*. <https://open.spotify.com/episode/0wYcD65pnqDwl6sK76Ldzo>
- ▶ COESO project (2023, January 10). *Entering the rabbit hole - Exploring Citizen Science | Podcast on Spotify*. <https://open.spotify.com/episode/4wXP1D0fIRUHSGNX85sjOG>
- ▶ COESO project (2023, January 11). *About pilots and blank stares - Exploring Citizen Science | Podcast on Spotify*. <https://open.spotify.com/episode/1Tpdb13m3IQih3n7VUciUL>
- ▶ Gray, Edward, and Szulińska, Agnieszka. 2022. Public Profile Settings (TRIPLE Video Tutorial Series). Zenodo. <https://doi.org/10.5281/zenodo.7382552>.
- ▶ Szulińska, Agnieszka, and Gray, Edward. 2022. Onboarding/registration (TRIPLE Video Tutorial Series). Zenodo. [doi:10.5281/zenodo.7350653](https://doi.org/10.5281/zenodo.7350653).
- ▶ Szulińska, Agnieszka, and Gray, Edward. 2022. Discovery (TRIPLE Video Tutorial Series). Zenodo. <https://doi.org/10.5281/zenodo.7322107>.
- ▶ Szulińska, Agnieszka, and Gray, Edward. 2022. Multilingualism (TRIPLE Video Tutorial Series). Zenodo. <https://doi.org/10.5281/zenodo.7299892>.



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