

2021

Open scholarly communication for social sciences and humanities

OPERAS

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

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-1-Foreword

was a busy and exciting year for the OPERAS community! Looking back at what has been accomplished, the selection of OPERAS as one of the research infrastructures (RI) included in the 2021 ESFRI Roadmap has not only brought immense joy to its members, but has also signified the beginning of a new phase that will allow the OPERAS RI to realise its mission to support open scholarly communication practices in the Social Sciences and Humanities (SSH) in the European Research Area.

The spring and the autumn General Assemblies (both held online due the pandemic restrictions) have provided us with the opportunity to discuss strategic issues with our members and national ministry representatives, the role of the national nodes as a link between OPERAS RI and the national communities, as well as the link of OPERAS with other SSH infrastructures. In our effort to strengthen further OPERAS in both the European and national landscapes, Yannick Légre, the new Secretary General who joined OPERAS in 2021, will play a vital role.

The Scientific Advisory Committee has not only been monitoring OPERAS' activities but has also been inspirational and creative in steering new paths and suggesting innovative approaches.

OPERAS kept building its platforms and widening its services portfolio to take care of the entire research cycle in the SSH.

To activate research, the COESO project, which started at the beginning of 2021, aims to develop and sustain citizen science research in the social sciences and the humanities fields. It will support ten citizen science pilots representing a variety of disciplines and it will co-design a 'collaboratory' with them, a common platform for the different stakeholders to co-create new knowledge and solutions and to deliver them to society. The quality of this collaboration will be measured through novel cooperation analytics.

To discover research, the new beta version of the GoTriple platform that provides a single access point to discover and reuse open scholarly SSH resources and find peers was presented during the TRIPLE International Conference "Empowering Discovery in Open Social Sciences and Humanities" organised by OPERAS member IBL PAN. Conference participants also had the opportunity to discuss other issues of interest to the SSH community such as crowdsourcing in SSH, business models, and the role of SSH in the EOSC.

OPERAS members have also been very active: they have worked on setting up the national nodes and organised national events in the context of the OPERAS-P project that was successfully completed in June. The national events have allowed OPERAS members to actively engage with their national communities, present OPERAS services and discuss issues of interest to local communities. OPERAS and its members have also been active in the preparation of new project proposals to further strengthen the infrastructure and better serve the community.

We look forward to continuing our work in 2022 and we hope that we will have the opportunity to meet and celebrate together our achievements in our new offices in Brussels!

Marina Angelaki, Executive Assembly Chair (July–September 2021 Elena Giglia, Executive Assembly Chair (January–March 2022) Niels Stern, Executive Assembly Chair (October–December 2021)

6 - OPERAS Annual Report 2021

2-COPERAS in a nutshell

"Making Open Science a reality for research in the SSH"

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 organized 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 the social sciences and humanities.

-3-Governance & management

Strengthening the collaboration between our members and with the European institutions

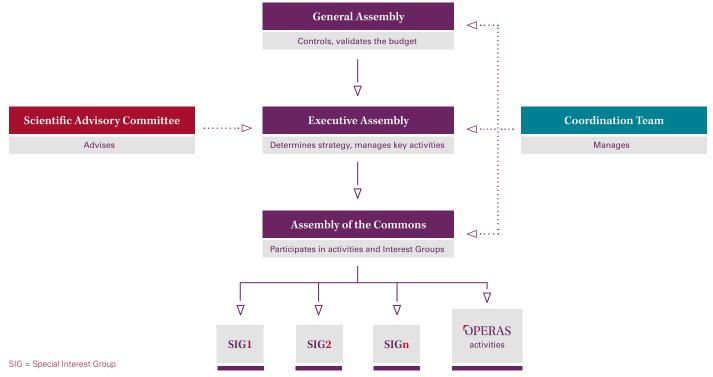


1 **OPERAS** AISBL

Strengthening the collaboration between our members and with the European institutions

2021 was an important year for the non-for-profit association OPERAS AISBL. The first employee working directly for the AISBL, Yannick Legré was hired as Secretary General in October 2021. In November OPERAS AISBL moved into its new offices located rue Coudenberg 70, 1000 Brussels. As an association under Belgian law OPERAS AISBL has its statutory seat in Brussels. Placing the head-quarter of the distributed Research Infrastructure in Brussels offers the advantages to meet in person more often and to be situated closely to the European Parliament and central European organisations. We are located right in the heart of Brussels, near the royal palace, right behind the Museum of Musical Instruments and opposite to the Magritte Museum and the Royal Library. OPERAS is looking forward to welcoming you all in person there!

/Governance structure



2 **OPERAS** General Assembly

10 European countries steer OPERAS towards its next step

The General Assembly is composed of the representatives of the Ministries of the Executive Assembly countries, the representatives of the supporting members and a representation of the community participating in the Assembly of Commons. Beside 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.

The first OPERAS General Assembly on 6 June 2021 was hosted online by the University of Coimbra. OPERAS was very pleased to be welcomed warmly by the Rector of the University of Coimbra, who gave a strong commitment to OPERAS and expressed this as well by an accompanying marketing campaign that underlined the strong connection of Coimbra and OPERAS. The need of an European Research Infrastructure as OPERAS was highlighted at the end of the Assembly by the Portuguese Minister of Science Manuel Heitor:

[...] We need more and more OPERAS, and we need OPERAS to penetrate in all our institutions throughout Europe

Manuel Heitor, Portuguese Minister of Science at the 1st #OPERAS General Assembly

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:

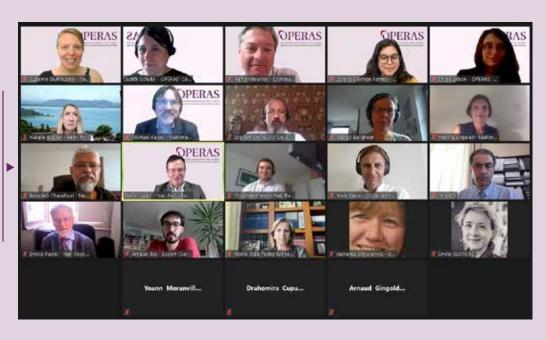
 2 Representatives of the Assembly of the Commons

Two virtual Assemblies took place in 2021:

6 June 2021

16 November 2021

This group picture was taken at the end of the 1st General Assembly Meeting on 6 June, after the speech of Manuel Heitor, Portugese Minister of Science



3 OPERAS Scientific Advisory Committee

14 experts of scientific excellence to assist OPERAS on ethical, technical and scientific matters from 14 European countries

OPERAS' Scientific Advisory Committee is an independent body composed of fourteen experts from 14 countries and of high scientific excellence, who advise, monitor, and provide recommendations on the ethical, scientific, and technical aspects of the infrastructure and its activities. The OPERAS Scientific Advisory Committee was established in December 2020 and meets officially twice a year. The SAC used the year 2021 to establish a working routine and to meet virtually regularly.

The committee is co-chaired by Melanie Imming and Jean-Claude Guédon.

Melanie Imming



Melanie Imming is the Community Manager Open Science at SURF (the Netherlands' infrastructure provider for research) and owner of immingimpact.eu. Melanie is deeply involved in international initiatives on FAIR data,

data stewardship, open science engagement and digital cultural heritage. Melanie leads the project Accelerate Open Science within the framework of The Netherlands National Platform Open Science. Over the years, she has been involved in more than fifteen Horizon2020 projects and FP7 projects like the EOSCpilot, EUDAT and OpenAire as head of international projects for LIBER Europe.

Jean-Claude Guédon



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 on-line 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. Expert for the European Commission since 2008, he 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 he also 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

Christine Choirat, Switzerland, Swiss Data Science Center, data science

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

Melanie Imming, Netherlands, Imming Impact, Political Science

Mikołaj Leszczuk, Poland, AGH University of Science and Technology, Telecommunications

Sam 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 Šimukovič, Lithuania, Zurich University of Applied Sciences (ZHAW), Science and Technologial Studies

Erzsébet Toth-Czifra, Hungary, DARIAH, Linguistics

Koen Vermeir, Belgium, CNRS, Philosophy of science

Irena Vipavc Brvar, Slovenia, CESSDA, Statistics

4 OPERAS Executive Assembly

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

The Executive Assembly is 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 Boškovic 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





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

Marina Angelaki



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





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.

NETHERLANDS

PORTUGAL

UNITED KINGDOM



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



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

Graham Stone



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.

5 OPERAS Members

Members of the Executive Assembly





















Supporting Members







Ordinary Members



b UNIVERSITÄT BERN







































































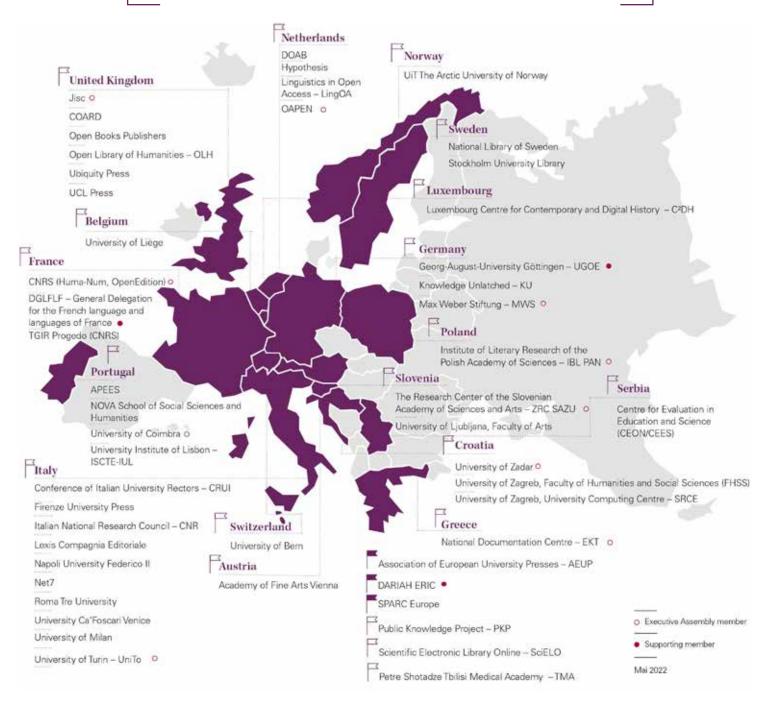






OPERAS gathers 53 organizations from 18 countries and is led by a 10 members Executive Assembly.

OPERAS is coordinated from France by OpenEdition and Huma-Num.



Map with OPERAS members

/Highlight on our supporting members:

DARIAH-EU, the Digital Research Infrastructure for the Arts and Humanities:



The membership of DARIAH-EU as a supporting member of OPE-RAS is another strong sign of the long-lasting partnership between both research infrastructures, that have been strongly collaborating in several projects and initiatives, especially in the field of FAIR data within the GO-FAIR Collaboration and Implementation Network CO-OPERAS. Therefore, DARIAH and OPERAS are glad to take this cooperation to a new level.

DARIAH is a European research infrastructure supported by a consortium of 18 member countries. Its mission is to empower research communities in the arts and humanities with digital methods to create, connect and share knowledge about culture and society. DARIAH's work focuses on building a humanities-friendly component of the European Open Science Cloud for tools, services and data; developing and sustaining training materials and resources in Digital Humanities; enabling and encouraging interdisciplinary research around emergent research themes; advocating for humanities researchers in European policy fora.

DGLFLF, the general delegation for the French language and languages of France





The Ministry of Culture, through the interministerial action of the general delegation to the French language and languages of France, Animates and coordinates the Government's language policy and guides its development in a direction that is favourable to maintaining social cohesion and taking into account the diversity of our society.

The Ministry of Culture and Communication, as the ministry responsible for the French language, has a special responsibility to implement this policy, together with various other ministerial departments.

OPERAS is pleased about the new engagement and the chance to share common concerns..

Göttingen SUB, the State and University Library



Göttingen SUB is one of the largest libraries in Germany, serving its university since the 18th century and

holding remarkable scholarly collections compiled in the Enlightenment Era. Along with the responsibility for cultural heritage, the library is known for its profile as a reliable institution for high-class scholarly information and as an indispensable partner for digital services on Göttingen Campus, with appr. 30,000 students, 13 faculties and several top-level research institutes. Via Göttingen University press, the library is networked to publishing associations such as AEUP, the working group of German-speaking university presses, OASPA, DOAB and OAPEN library; other publishing services are closely linked to initiatives such as RDA, COAR or LIBER. The library is also one of the founding partners of OpenAIRE and takes a responsible role in connecting research infrastructures and research results in the Humanities with the OpenAIRE research graph and the EOSC.

Taking up an active role in OPERAS reflects on the library's profile offering service and support for current scientific communication of all disciplines, along with the specific responsibility as a cultural heritage institution. The SUB Göttingen is looking forward to this new engagement within OPERAS that will see contributions from several service units of SUB Göttingen.

/OPERAS' community at large

OPERAS is: 53 major organisations, including 2 new members in 2021

New members – 2021

In 2021, OPERAS welcomed two new ordinary members from two European countries:

Petre Shotadze Tbilisi Medical Academy – TMA



Petre Shotadze Tbilisi Medical Academy (TMA) is a private teaching university established in 1992 and located in Tbilisi, Georgia. In 2018 TMA has been authorized according to updated standards and with involvement of foreign (EU) experts; in 2020 TMA'S MD educational programmes have been accredited according to WFME standards. It is a member of the European Universities Association (EUA). The institution has experience in the field of research and

science popularization (interdisciplinary project "Medicine and Art"); with the leadership and participation of TMA team members several international (NATO Scientific Affairs, BSEC, COST, Twinning and etc.) and national (SRNSFG) projects have been proposed and realized. TMA is an active participant of Erasmus+ programmes – the main focus is placed on mobility (KA1) actions as well as realization of ongoing KA2-CBHE projects ("Setting peer review instruments and goals for medical (health) education" – SPRING, TMA is a participant; "Simulation in undergraduate medical education of improvement of safety and quality of patient care" – SAFEMED, TMA is the coordinator and participant).

OPERAS is glad to welcome a member from Georgia.

University of Bern , SUB, the State and University Library



^b 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.

OPERAS is glad to welcome a member from Switzerland.

4 OPERAS Coordination Team

A team of 9 people to support the strategic decisions

The central coordination and daily management of OPERAS is ensured by the Coordination Team, a small team which includes: two coordinators, one general secretary, one technical coordinator, one communication officer, one FAIR data officer, one citizen science officer, one community officer and one project manager. The Coordination Team also supports the life of the assemblies and committees and, thus, is closely involved in the strategic decisions regarding OPERAS.

Members of the Coordination Team are employed on national contracts by OPERAS' member institutions in France (OpenEdition/Huma-Num and affiliates: CNRS, Aix-Marseille University, EHESS, Campus Condorcet), Germany (Max Weber Stiftung, DARIAH ERIC) and Croatia (University of Zadar) and in 2021, for the first time, by the OPERAS AISBL itself. Thus, 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.

UPDATES IN 2021

Since 2021, OPERAS has a community manager, Karla Avanço, who works closely with OPERAS' ordinary members, facilitating their engagement with the infrastructure, and supports the Special Interest Groups in their activities. She is also responsible for organising the Assembly of the Commons. Yannick Legré, in his role of Secretary General, is responsible for the daily management of OPERAS AISBL, supports OPERAS' members in developing the OPERAS National Nodes, liaises with the ministries and propels OPERAS forward on its path to becoming an even more well-established and influential Research Infrastructure in Europe and eventually an ERIC (European Research Infrastructure Consortium).

Part of the OPERAS Coordination Team in early 2022,
Judith Schulte, Sy Holsinger,
Alessia Smianiotto, Yannick
Legré, Suzanne Dumouchel,
Emile Blotieré, Pierre Mounier,
Veronika Fedotova (from the left to the right)



-4-Activities

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

1 /Activities highlight

OPERAS workshops and presentations

OPERAS and the consortia of its projects organised 38 events and worshops 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.

The Future of Open Scholarly Communication

24–26 February, Warsaw, online OPERAS-P conference/WP6 workshop, 6 panels

scholarly writing, business models, OA book, multilingualism, governance models

TRIP ThatCai

11 May 2021, E

"Discovering Envision your ide for exploring resea (#TRIPLEThatCan session leaders, and more than 6

> services, scien

March

CO-OPERAS Workshop

30 January

("FAIR Research Data Management in SSH"), Göttingen. Organised by SSHOC and CO-OPERAS with UGOE

FAIR data

• January

December

20

Reviewathon

29 November, 1 and 6 December
Workshop series to launch the postreview collaborative process of the
white paper of the

Special Interest Groups

https://www.operas-eu.org/specialinterest-group-living-book/

TRIPLE Conference

22–44 November, Warsaw

"Empowering Discovery in Open Social Sciences and Humanities" organised by IBL PAN (#TRIPLEConference), 3 Days,

1 Keynote, 3 Panels, 3 Talks

34 presenters, 140 participants, 540 minutes

Research Infrastructure, services, multilingualism, Open Science challenges, EOSC

Munin Conference #Munin2021

on Scholarly Publishing, online.

21 November

Presentation: "Multilingualism in Scholarly Communication: Main findings and future challenges" (https://youtu.be/vK2_ZFZJUP8)

multilingualism

LE mp#1

Bonn, online
Discovery:
al ecosystem
rch resources"
np) 8 topics, 8
3 moderators,

3 moderators, 3 participants **open**

GoFAIR Festival

21-23 June, Trieste

Presentation:

"A FAIR framework for academic publishing"

FAIR Principles, Open Science

https://www.go-fair.org/events/fair-festival-2021/

LIBER Conference 2021

23-25 June, Belgrad

Presentation:

"From principles to reality: How OPE-RAS Research Infrastructure paves the way to Open Knowledge"

> libraries, Open Science https://liber2021.sched.

21

July

June

EADHOpen Access Tage #OAT2021

10-11 September

Presentation: "From open access to citizen science: opening participation within the SSH disciplines through the PLACES and COESO projects"—

Citizen Sciences, participation

Open Science FAIR #OSFAIR

20-23 September

"Fostering local and global open science communities", (online event). OPERAS was invited as co-organizer together with other initiatives in the open science sector

FAIR, Open Science

Pubmet2021 Conference

16–18 September, Zadar

Panel: "Creative and innovative approaches to publishing" (#pubmet2021)

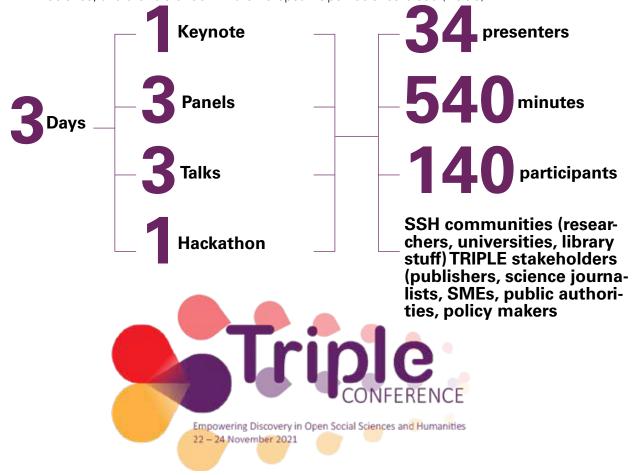
open scholarly communication, publishers

FOCUS ON

THE INTERNATIONAL TRIPLE CONFERENCE 2021

#TRIPLEConference

The goal of the TRIPLE conference was to create space for discussing the impact, benefits, and challenges of discovery services for the social sciences and humanities (SSH) in the European research ecosystem. Topics included the nascent GoTriple platform – the innovative multilingual and multicultural discovery solution for the SSH – crowdfunding in science, business models for Open Science, and the role of SSH in the European Open Science Cloud (EOSC).





DAY 3: 24 November | 15:00 - 16:30 CET

Session Panel: GoTriple in the EOSC ecosystem



/OPERAS Launch of National Nodes

OPERAS has started to build up national communities within 2021

National nodes play a pivotal role in establishing a connection point to outside the OPERAS community, in promoting a proximity relation with local communities, helping to identify needs, and providinge services and training. They are in a decisive position to find a balanced solution for the keeping of national languages as fully scientific valid modes of expression, while promoting them on the international level. This strategy is fully aligned with the paths to outreach beyond Europe, and with the development and implementation of the GoTriple platform, benefiting directly from a future service dedicated to supporting translations and stimulating cross-publications. In 2021 the core members extended the activities in the national countries as part of the OPERAS-P project and beyond. The Max Weber Stiftung extended the national network by the OPERAS-GER project (funded by the with Federal Ministry of Education and Research): https://operas-ger.hypotheses.org/ and IBL PAN by building up OPERAS-PL: https://operas.pl/.

As part of the OPERAS-P project, within 2021, six virtual national node events took place:













2 ESFRI Roadmap 2021

OPERAS was granted as an ESFRI Project, on its way to become an ERIC in 2028

On 30 June, the European Strategy Forum on Research Infrastructures (ESFRI) Committee announced that OPERAS will be added to the ESFRI Roadmap 2021. This means OPERAS reached its strategic goal to become part of the ESFRI Roadmap, a milestone in the development of the OPERAS infrastructure. This decision confirms that OPERAS is officially recognized by the 27 member states of the European Union as a key research infrastructure with excellent scientific value and with sufficient maturity. As part of the ESFRI Roadmap 2021, OPERAS will be one of 11 infrastructures slated to make significant contributions to addressing European scientific challenges. ESFRI is a strategic instrument to develop the scientific integration of Europe and to strengthen its international outreach; being selected for the ESFRI Roadmap is a high-level recognition for a European Research Infrastructure (RI).

OPERAS is already established as an emerging infrastructure in social sciences and humanities, and is proud to be rated high, especially on scientific excellence and pan-European relevance. To be recognized as mature enough will allow OPERAS to further coordinate SSH in the field of scholarly communication and open the opportunity to further develop its business model and community-led governance scheme. This is a significant step not only for OPERAS, but most importantly for open scholarly communication in Europe.

The OPERAS co-coordinator, Suzanne Dumouchel (Huma-Num), describes the role of this step for the future of the OPERAS RI:

Being part of the ESFRI roadmap 2021 makes the OPERAS community very proud. But first, it gives responsibility to us. We now have the necessary environment to realise our mission, which is to support Open Scholarly Communication practices in the field of SSH. And we will live up to this commitment. For us, it is the beginning of a new adventure!

Suzanne Dumouchel, Co-Coordinator of OPERAS

The members of the OPERAS Executive Assembly have been deeply involved in the preparation for the OPERAS application. Marina Angelaki, Chair of the OPERAS Executive Assembly, National Documentation Center, EKT, commented on the announcement:

The inclusion of OPERAS to the ESFRI Roadmap further strengthens the European commitment to making open access a reality in SSH. We are excited with this new opportunity and look forward to working together towards this common goal. We are also very proud as this success lies in the work of a dynamic, vivid and supportive environment, now ready to embark on this new journey.

Marina Angelaki, Executive Assembly Chair (July–September 2021)

OPERAS is looking forward to reaching out to more countries to broaden its diversity and expand its efforts in increasing bibliodiversity in the social sciences and humanities as a roadmap for the future. Being part of the ESFRI roadmap was part of the strategy of OPERAS AISBL. The next step now is to prepare a new strategic plan that takes into account the development phases of the ESFRIs infrastructures in order to take advantage of this situation. OPERAS research infrastructure is based on two perspectives: the Open Science Policy and the ESFRI roadmap. This environment contributes to building a strong and sustainable infrastructure.



3/The Special Interest Groups

6 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, which are open to all 53 members of the OPERAS community, gather experts from the field and thus promote an international, multi-disciplinary working atmosphere.

LIST OF THE SPECIAL INTEREST GROUPS:

- 1. Advocacy (coordinated by the Max Weber Stiftung, Germany)
- $\mathbf{2}.$ Best Practices (coordinated by the University of Zadar, Croatia)
- 3. Common Standards (coordinated by EKT, Greece)
- $oldsymbol{4}_{ullet}$ Multilingualism (coordinated by the University of Coimbra, Portugal)
- 5. Open Access Business Models (coordinated by JISC, United Kingdom)
- 6. Tools and Platforms (coordinated by the Médici network, France)
- 7 . OABN Open Access Books Network (plans to become a SIG in 2022)

/The OPERAS Special Interest Groups: activities in 2021 and future plans

In 2021, the Special Interest Groups published new versions of the White Papers originally published in 2018. These revised and updated versions reflect the changes and to help navigate through the ever-evolving Open Access landscape. The different White Papers constitute the Living Book, which is a concept born out of the desire to overcome the limitations of traditional print communication. The living book turns the texts into elements of larger ecosystems and facilitates a more collaborative writing, updating and annotation. (Link to the Living Book: https://www.operas-eu.org/special-interest-group-living-book/).

The papers are open for a collaborative peer review in a process called Reviewathon. This process consists of asynchronous communication designed to improve the papers and that may lead to new versions in the future. It comprises different phases. First of all, a series of workshops was organised in which each Special Interest Group presented their work. These workshops took place in three days (November 29, December 1, and December 6) and had around 50 registrations with an average of 25 participants per day. It represented an opportunity for the community to understand how the different SIGs develop their work, make choices, employ strategies, etc.

Following the workshops, there was an internal peer review carried out by OPERAS SAC members and some invited reviewers. Finally, the members of the Social Sciences and Humanities community at large were invited to take part in this process. The reviews can be accomplished through the use of the Pundit annotator, a tool designed and developed by Net7, which cooperates with OPERAS on various projects.

FUTURE PLANS:

For 2022 we expect the OABN to become one of the OPERAS Special Interest Group and the Assembly of the Commons.

FOCUS | THE WHITE PAPERS

ADVOCACY:

The purpose of this session is to define open science, open access, and advocacy, present the main target groups and stakeholders, and make recommendations for addressing the needs of researchers in open access publishing.

Zenodo link: https://zenodo.org/record/5043438#.YgU0gPjjl2w

COMMON STANDARDS AND FAIR PRINCIPLES:

The goal of this paper is to discuss the recent developments in the transition to the open science paradigm and the complementary roles of key stakeholders in this process such as research funding agencies, research institutions, infrastructure providers and researchers, while highlighting the role of standards

Zenodo link: https://zenodo.org/record/5653414#.Yoym_-hBxPY

MULTILINGUALISM:

The purpose of this session is to define open science, open access, and advocacy, present the main target groups and stakeholders, and make recommendations for addressing the needs of researchers in open access publishing.

Zenodo link: https://zenodo.org/record/5653084#.Yn5f8VTP02y

OPEN ACCESS BUSINESS MODELS

The purpose of this session is to define open science, open access, and advocacy, present the main target groups and stakeholders, and make recommendations for addressing the needs of researchers in open access publishing.

Zenodo link: https://zenodo.org/record/5494731#.Yn5eNITP02w

TOOLS RESEARCH & DEVELOPMENT:

This paper provides an analysis of the tools landscape, identify emerging trends, and list areas for potential improvement, development, and collaboration.

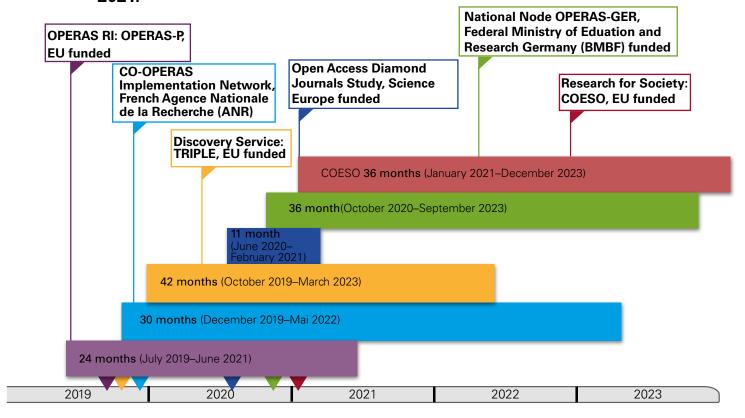
Zenodo link: https://zenodo.org/record/5654319#.YgU08fjjl2w

All white papers are part of the OPERAS Living Book:

https://www.operas-eu.org/special-interest-group-living-book/

4 Projects

OPERAS and the Executive Assembly coordinated 6 projects running in 2021.



/The COESO project



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

The COESO (Connecting Research and Society) project, which aims to develop and sustain citizen science research in the social sciences and humanities and is coordinated by OpenEdiction at EHESS, kicked off in January 2021. It places 10 citizen science pilot projects at its core and applies the input from these pilots to develop a number of strategies that will increase and support participatory research in Europe and beyond. Through mutual learning exercises with the COESO pilots, which represent a diverse set of methodologies and disciplines from within the social sciences and humanities, COESO draws out cross-cutting and broadly relevant themes to describe the dynamics and needs of the SSH citizen science community.

A critical component of the COESO project is the development of an online platform called VERA (Virtual Environment for Research Activation) where researchers and citizen scientists can meet, collaborate on, and find funding for their projects.

Within the platform, users will be able to analyse their cooperation with each other through the "Cooperation Analytics" feature currently in development. The VERA platform will interoperate with the user-friendly tool FundIt for finding project funding. The research and development related to building the platform and the integrated features have made significant progress in the first year, as is documented in the above linked deliverables and blog posts.

COESO Kick-Off
Meetng, January
2020
This project
is funded by
the European
Union's Horizon
2020 research
and innovation
programme under
grant agreement No
101006325, from
January 2020 to
December 2023



In its first year of operation, much effort was spent on establishing the project's organisational structure, developing synergies with related projects and stakeholders, and strategically planning the activities for the remaining two years of the project. It is now well integrated into a larger European network through participation in monthly Swafs (sciences with and for society) meetings organised by ECSA (European Citizen Science Association) and participates in a joint newsletter (The Citizen Engagement Quarterly) organised by the MOSAIC project. In 2021, COESO was presented at several international meetings and conferences, including the OPERAS national nodes' meetings (Germany, Greece, and France), the Liber Conference, the Open AccessTage conference, the first Citizen Social Science school, and the Eu-Citizen. Science / ACTION final conference.

A major milestone for the COESO project in 2021 was running an exploratory study (the D4.1 Landscape study on citizen science funding), making a picture of 105 funding entities around Europe that provides an overview of the current funding situation for citizen science in the SSH. This study was then complemented by the creation of the Funding Advocacy Action Plan (deliverable D4.2), which recommends clear and tangible actions for improving citizen science funding in the social sciences and humanities. In forthcoming months, COESO will organisze several national workshops and one international workshop for funders to discuss how to enhance funding opportunities and uptake.

/The Open Access Diamond project

Large-scale study on Open Access journals across the world that are free for readers and authors – 10 partners – led by OPERAS

Funded by Science Europe and commissioned by cOAlition S in order to gain a better understanding of the OA diamond landscape, the study conducted by a consortium of 10 organisations led by OPE-RAS resulted in the publication of its final outputs in February 2021.

The study uncovered a vast archipelago of up to 29,000 journals, mostly (60%) in humanities and social sciences, serving the needs of multiple scientific communities across the world. The diamond journals comply partially to Plan S requirements, but struggle on some criteria such as persistent identifiers, licences and content preservation. More generally, in spite of scientific quality, they face many operational challenges and rely heavily on volunteering. There is a need to develop infrastructure and to increase funding to support their operations.

Using the results from a widely disseminated survey that was translated into 6 languages, together with focus groups and direct outreach to target journals and platforms, the study examined the core areas critical for OA diamond journals to operate, encompassing everything from legal structures and governance to technical capabilities, editorial processes, and funding models.

The group used statistical analysis of bibliographic databases, responses from over 1,600 journals, collected more than 7,000 free text submissions and other data from 94 questions, and organised three focus groups with 11 journals and 10 interviews with hosting platforms. The results of the study uncovered a number of challenges faced by diamond journals, which are presented at length in the findings report (https://doi.org/10.5281/zenodo.4558703).

In line with the objectives set by cOAlition S, the separately published recommendations (https://doi.org/10.5281/zenodo.4562790) have been based on extensive study of the data gathered. The analysis presented by the group in the report points to clearly defined areas in which research funding organisations, institutions, societies, and infrastructures can focus on in order to strengthen and sustain OA diamond journals and the ecosystem in which they operate, as well as assisting these journals in compliance with open access policies such as Plan S.

The group recommends kick starting an action plan to support diamond journals by organising an international symposium in February 2022, setting up a funding plan in one year, and creating a capacity centre in two years.

Additional materials are shared with the community for further research and reuse: the study dataset (https://doi.org/10.5281/zenodo.4553103), the references library (https://doi.org/10.5281/zenodo.4562816), and the crowdsourced Journals Inventory (https://doi.org/10.5281/zenodo.4562828).



/The OPERAS-P project OPERAS-P

Supporting the development of OPERAS toward its maturity – 17 partners – € 2010539,13 grant

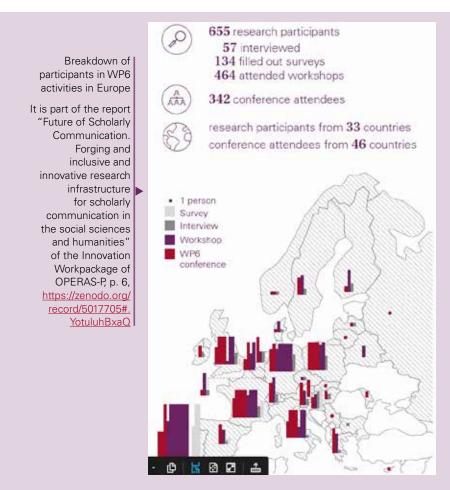
The OPERAS-P project is a 360° project working on many different fronts (legal, administrative, scientific, technical) to advance OPERAS on the path to its scientific, technical, and community maturity. In June 2021, the project was finished successfully with the following achievements.

STRATEGIC AND POLITICAL ACHIEVEMENTS:

- Activation of the national nodes as national contact points
- Acceptance of OPERAS on the ESFRI Roadmap 2021
- Advocacy towards workshops held for libraries and researchers
- Creation of the OPERAS Innovation Lab

SCIENTIFIC AND TECHNICAL ACHIEVEMENTS:

- The Future of Scholarly Communication, Virtual Conference
- OPERAS-P and OASPA's workshops for publishers on innovative business models for books
- Report on the future of scholarly writing in SSH, Innovation Lab, publication of results: https://doi.org/10.5281/zenodo.5017704
- Creation of the Living Book:
 - https://www.operas-eu.org/special-interest-group-living-book/
- Publication of the Special Interest Groups White Papers
- Prototype of Pathfinder, a Publishing Service Portal
- Migration of OAPEN and DOAB to DSpace
- 6 workshops by the national nodes (see details on page 23)
- 2 advocacy workshops (libraries, publishers)



/The TRIPLE project



Transforming Research through Innovative Practices for Linked Interdisciplinary Exploration – 19 partners from 13 countries – € 5 630 055 grant

The European-funded TRIPLE project aims to develop an innovative multilingual and multicultural discovery solution for the social sciences and humanities (SSH). The GoTriple platform will provide a single access point that allows not only researchers but also a wider audience to explore, find, access, and reuse materials such as literature, data, projects, and researcher profiles at a European scale.

The platform will be one of the dedicated services of the OPERAS research infrastructure. The project was launched on the first of October 2019 and will last 42 months (2019–2023). It is financed under the Horizon 2020 framework and is coordinated by the Research Infrastructure Huma-Num, a unit of the French National Centre for Scientific Research (CNRS). Almost 100 researchers and engineers are involved in the project.

The platform **GoTriple** was launched in 2021 with the first ingestion of data, the integration of innovative services, and the development of the open source processing chain. Several workshops were held with potential users in order to draw up a list of functionalities to be implemented in 2022:

- the ingestion of several millions of documents (publications, datasets)
- ◆ the set up of the TRIPLE thesaurus covering ten different languages.
- the definition of the governance and business model of the platform beyond the development phase
- the collection of user needs, through qualitative interviews, workshops, surveys
- and face to face meetings, among others by the Abertay University having scientifically
- analysed user needs and having drawn several features currently under development
- ◆ the global architecture of the platform the process of data ingestion
- the integration of the innovative services including the crowdfunding service
- the definition of a concrete user engagement strategy involving the whole consortium and the whole European community in SSH by relying on OPERAS national nodes and SSH ERICs

FINALLY, 2021 WAS VERY SUCCESSFULL FOR TRIPLE AS

- 3 milestones were achieved and 14 deliverables submitted by the end of 2021
- 12 technical and user design workshops were organised
- 39 publications
- 8 training on innovative services and Open Science
- 25 contributions to public events such as talks, posters, workshops, roundtables and parallel sessions.

5 Services

1 service in production, 2 services in beta, 2 in alpha, 6 in various phases on evaluation

OPERAS develops a comprehensive ecosystem of scholarly communication services which address the specific needs of the research community at local and European levels. Each service is designed to pool, aggregate, or federate existing resources from across Europe, to deliver European researchers with a single access point from where they can benefit from the full range of the resources rather than being limited to the local ones. Thus, OPERAS builds a transnational access to scholarly communication resources available to researchers across the European Research Area.



Other services, such as a platform to support translation, a single access point to book reviews, a support service to publishing tools users, or a federated annotation service, are under consideration. The OPERAS catalogue of services is designed to be evolutive and complemented in the future by new services that will be identified by the research community as essential to them, validated by the OPERAS Executive Assembly, operated by one of OPERAS' members or the AISBL, and funded for development and operation by OPERAS' funding stakeholders.

FOCUS ON

THE DISCOVERY SERVICE GOTRIPLE

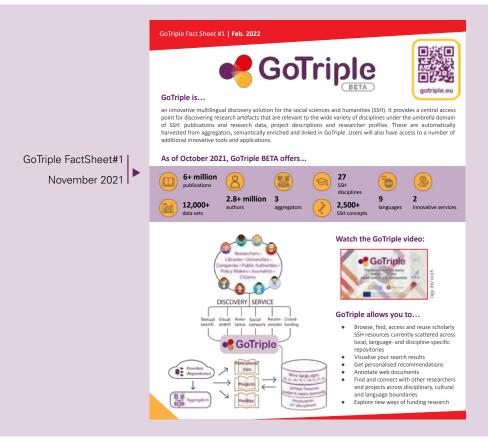
2021 was an important year for the TRIPLE project, as the consortium has delivered its main output: the GoTriple platform. The beta version was launched in October with the main features and the design architecture: https://gotriple.eu. Six million items have been ingested (currently publications); publications are findable in nine different languages by using keywords. The other available features in the Beta Release are:

- searching for publications and authors
- filtering the results by type of publication author, year and discipline
- accessing the original page of the document to download available items.

Three of the five innovative services have been integrated:

- the Visual Discovery System, which enables you to get an instant overview of your search results and to analyse research trends,
- the Head Start system, which enables the visualisations described above
- a first version of the Recommender System, which currently provides users with personalised recommendations on publications related to their search queries.

Watch this short video that showcases the GoTriple platform on the TRIPLE Project: https://youtu.be/4HCNt1nZ2I0.



The Beta+ Release, expected to be launched in March 2022, will have a more stable front and back end, allowing searches for datasets, research projects and researcher profiles on top of publications. GoTriple will also offer more features related to the innovative services of the platform, such as the Annotation System and the Trust Building System.

THE OPERAS CROWDFUNDING CHANNEL AS PART OF THE GOTRIPLE PLATFORM

The **crowdfunding channel** was launched in December 2021 via an OPERAS dedicated channel on the crowdfunding platform <u>wemakeit.com</u>.



6 OPERAS FAIR Activities

Adoption of FAIR principles to SSH research results

In 2021, OPERAS worked on the dissemination of the FAIR principles and the FAIRification process. The two main outcomes are the blog "The road to FAIR" and a paper "FAIRifying a scholarly publishing service: Methodology based on the OpenEdition's internal FAIR audit" accepted for publication at the Journal of Electronic Publishing (https://journals.publishing.umich.edu/jep/).

"The road to FAIR" is a scientific blog for the FAIRification of social sciences and humanities data and publications. The blog is a network that addresses the challenges of implementing FAIR principles to the various domains of social sciences and humanities (SSH). In other words, it aims to accompany the SSH communities in their journey toward making their data and publications Findable, Accessible, Interoperable, and Reusable (FAIR). The blog can be found in the following internet address: https://roadtofair.hypotheses.org/.

The idea of creating a scientific blog came during meetings, workshops, and conferences, when members of the SSH community expressed the need for a space that would allow the discussion about the FAIR principles and the FAIRification process but, at the same time, would contemplate the specificities of this area. The blog aims at contributing to the SSH FAIRification by affecting the communication culture in the field, sharing standards and good practices; and leveraging existing services and infrastructures.

The blog's community comprises the various actors within the SSH disciplines and communities (researchers, professors, graduate, and even undergraduate students). Regarding the level of FAIR experience, the blog is for both experts and beginners in FAIRification. The blog is currently putting together an editorial committee composed by experts in the FAIRification field.

The paper FAIRifying a scholarly publishing service: Methodology based on the OpenEdition's internal FAIR audit describes the main components of a methodology used by OpenEdition, a publication service, during its FAIR internal audit. This methodology consisted of different steps that led to the adaptation of the FAIR principles to the publishing specific context and resulted in some recommendations.

The paper shows a generic framework that can be extracted and reused by other publishing services. It is a preliminary step in the development of a toolkit for the FAIRification of publishing services, a project that OPERAS will carry out in the near future.

A pre-print version of the paper can be found here: https://zenodo.org/record/5764794#.YcMc5lnjl2w.

7 OPERAS engagement in Europe

OPERAS, a champion of Open Science in general and more specifically of Open Scholarly Communication, became a full member of the EOSC Association to extend its reach

OPERAS is devoted to Open Science, and as such, it has become a full member of the EOSC Association. To contribute to the implementation of the Open Science policy, OPERAS is engaged with several organisations and infrastructures in Europe and abroad to develop its services and to elaborate standards and contribute to policies related to both scholarly communication and Social Sciences and Humanities in the context of Open Science.

In the Social Sciences and Humanities landscape, OPERAS has been invited to join the SSHOC consortium during the last months of the projects. The goal is to prepare the follow-up of the SSHOC project and to work with all European infrastructures in Social Sciences and Humanities on the SSH services that will be part of the EOSC. In particular the infrastructures are discussing shared governance for some services that are developed either in the SSHOC or TRIPLE project. This is a major evolution both for OPERAS and for the Social Sciences and Humanities domain at large and this strong coordination will



contribute to building a useful, efficient and sustainable Social Sciences and Humanities environment in the EOSC.

In parallel, OPERAS has engaged in a specific collaboration with the OpenAIRE infrastructure. Indeed both of them are dedicated to scholarly communication but with different perspectives as OpenAIRE is an "agnostic" infrastructure while OPERAS is focused on Social Sciences and Humanities. Both infrastructures are working on the definition of a catalogue of scholarly communication services that will contribute to the EOSC ecosystem as well, especially regarding the classification of the services. This work opens the door to other activities such as preparations of common Horizon Europe projects that are related to scholarly communication and to training. Thanks to this close collaboration, OPERAS and OpenAIRE can develop common standards for data and metadata related to scholarly communication.

In 2020, it was highlighted in the Annual Report that OPERAS has invited EGI to join several projects in order to benefit from their experience on storage, computing and authentication systems. In particular EGI brought solid expertise for the OPERAS ESFRI application in 2020.

Thanks to the Diamond S project, funded by Coalition S (and presented above on page 29), OPERAS and Coalition S have continued their work on Diamond Journals. This activity enlarges the scope of OPERAS as Diamond Journals are not all part of the SSH domain (but most of them). OPERAS puts its expertise and knowledge at the service of other disciplines thanks to its coordination of the Diamond S project. From this project, different activities have been set up between Science Europe, Coalition S and OPERAS to bring concrete solutions or support to the implementation of the Plan S principles. However, this should not detract from each and every collaboration at a national or more micro level that makes OPERAS a solid part of the European science ecosystem

-5Impact

Measuring the progress: OPERAS KPIs and objectives

1 Objectives for the year 2021

In 2019, the Executive Assembly defined a list of four 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 2021.

2/Measuring the progress of these objectives

Pillars	Objectives	Indicators	Datas
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	72
Empowering community	Adding OPERAS services to the EOSC catalogue of services	No. of operational services part of the EOSC 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	10
Fostering quality	Offering quality services	No. of service candidates for initial Core Trust Seal evaluation	2

3 Projects, members and services

Projects	No of collaborative projects in which OPERAS is a participant or coordinator Diamond S, OPERAS-P, COESO, TRIPLE, CO-OPERAS, OPERAS-GER, EGI-ACE	7
Members	No. of core members of OPERAS: CNRS, EKT, IBL PAN, Jisc, Max Weber Stiftung, OAPEN, University of Coimbra, University of Turin, University of Zadar, ZRC SAZU	10
	No. of ordinary members of OPERAS	40
	No. of supporting members	3
	No. of countries where OPERAS is established	18
	No. of services in evaluation, design or alpha phase	7
Services	No. of services in the beta or production (Hypotheses, GoTriple, Metrics, PRISM)	4

4/Communication

Elements Key Information		Figures for the year 2021	Change in % to 2020
Publications	No. of new documents on Zenodo in 2021	101	-3%
reports and white papers published in OPERAS' zenodo community	No of peer-reviewed publications/journals	2	200%
	No. of views for the most viewed one	20,479	84%
	No. of downloads for the most download one	11,905	704%
N	No. of subscribers	340	71%
Newsletter	Total clicks: opened newsletter	461	-23%
	No. of followers	2,360	28%
Twitter	No. of annual retweets	1,304	-22%
twitter.com/OPERASEU	No. of annual impressions	449,870	-27%
Dlag 9 Mahaita	No. of annual visits blog	153,947	16%
Blog & Website operas.hypotheses.org	No. of unique users per year blog	35,868	-23%
& operas-eu.org	No. of annual visits website	13,503	779%
	No. of page views on the website	28,002	426%
Events	No. of main events (conferences, workshops, events) organised by OPERAS or within the framework of one of its projects	Total: 38 OPERAS-P: 12 (2 conferences, 6 regional workshops, 4 workshops) TRIPLE: 15 (1 Thatcamp, 1 conference, 1 hackathon 12 workshops) COESO: 4 (1 workshop, 3 pilot events) OPERAS-GER:7 (7 workshops)	192%
	No. of trainings	8 (TRIPLE project)	800%

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-6Publications of the OPERAS community

"Results and reports on open scholarly communication in the social sciences and humanities"

1 Publications

FOCUS | KEY PUBLICATIONS

In 2021 the OPERAS community published some very important and often cited publications around open scholarly communication:

Academic Libraries and Open Access Books in Europe. A Landscape Study

The last fifteen years have witnessed the emergence of a new role for academic libraries. Besides fulfilling their fundamental task of providing access to knowledge, besides being called everything from temples of knowledge to disturbing heterotopias, libraries have become one of the crucial stakeholders in the open access book publishing space. They act as funders for OA book fees, they support collaborative funding schemes, and sometimes they assume the role of publishers themselves. In an attempt to create a sustainable publishing environment, in which OA books could blossom, it is therefore necessary to gain a sound understanding of how academic libraries work, how they deal with open access initiatives, and what challenges they encounter. These questions remain at the very core of this report. The landscape painted in this report is by no means exhaustive; there are many more countries in the European community, other than the fourteen we have looked at, that need further investigation. The sample that we have taken under closer inspection proved to be a lively and diverse organism that escapes any easy overarching classifications. In order to better understand the role of academic and research libraries in Europe regarding open access books, we have looked at several crucial aspects that would help us both identify common threads and pinpoint regional particularities.

- Morka, Agata, Gatti Rupert. January 2021. Academic Libraries and Open Access Books in Europe. A Landscape Study. Zenodo. (https://doi.org/10.5281/zenodo.4483773).
- Number of Downloads: 1,987

Future of Scholarly Communication. Forging an inclusive and innovative research infrastructure for scholarly communication in Social Sciences and Humanities

This report discusses the scholarly communication issues in Social Sciences and Humanities that are relevant to the future development and functioning of OPERAS. The outcomes collected here can be divided into two groups of innovations regarding 1) the operation of OPERAS, and 2) its activities. The "operational" issues include the ways in which an innovative research infrastructure should be governed (Chapter 1) as well as the business models for open access publications in Social Sciences and Humanities (Chapter 2). The other group of issues is dedicated to strategic areas where OPERAS and its services may play an instrumental role in providing, enabling, or unlocking innovation: FAIR data (Chapter 3), bibliodiversity and multilingualism in scholarly communication (Chapter 4), the future of scholarly writing (Chapter 5), and quality assessment (Chapter 6). Each chapter provides an overview of the main findings and challenges with emphasis on recommendations for OPERAS and other stakeholders like e-infrastructures, publishers, SSH researchers, research performing organisations, policy makers, and funders. Links to data and further publications stemming from work concerning particular tasks are located at the end of each chapter.

- Avanço, Karla, Balula, Ana, Błaszczyńska, Marta, Buchner, Anna, Caliman, Lorena, Clivaz, Claire, Costa, Carlos, Franczak, Mateusz, Gatti, Rupert, Giglia, Elena, Gingold, Arnaud, Jarmelo, Susana, Padez, Maria João, Leão, Delfim, Maryl, Maciej, Melinščak Zlodi, Iva, Mojsak, Kajetan, Morka, Agata, Mosterd, Tom, ... Wieneke, Lars. (2021). Future of Scholarly Communication. Forging an inclusive and innovative research infrastructure for scholarly communication in Social Sciences and Humanities. Zenodo. (https://doi.org/10.5281/zenodo.5017705)
- Number of Downloads: 2,306

OA Diamond Journals Study

From June 2020 to February 2021, a consortium of 10 organisations undertook a large-scale study on open access journals across the world that are free for readers and authors, usually referred to as "OA diamond journals". The study undertook a statistical analysis of several bibliographic databases, surveyed 1,619 journals, collected 7,019 free text submissions and other data from 94 questions, and organised three focus groups with 11 journals and 10 interviews with hosting platforms. It collected 163 references in the academic literature, and inventoried 1048 journals not listed in DOAJ. The results of the study are available in the following outputs:

- Findings Report DOI: 10.5281/zenodo.4558704 (Downloads: 13,920)
- Recommendations Report DOI:10.5281/zenodo.4562790 (Downloads: 5,005)
- References Library DOI: 10.5281/zenodo.4562816 (Downloads: 1,201)
- Journals Inventory DOI: 10.5281/zenodo.4562828 (Downloads: 4,739)
- Dataset DOI: 10.5281/zenodo.4553103 (Downloads: 1,918)



PEER REVIEWED PUBLICATIONS

Multilingualism within Scholarly Communication in SSH

It is undeniable that scholarly publication is boosted nowadays by the use of the English language, but this does not (and cannot) mean that the other languages have to be obliterated as scientific and cultural agents, equally valid and indispensable. Therefore, multilingualism is an expression of bibliodiversity that has to be protected and cherished, particularly in the area of Social Sciences and Humanities (SSH), a field in which culturally and societally relevant studies are made in local languages, when approaching areas such as cultural heritage, education, migration, public administration. The main goal of this paper is to present a literature review in order to identify the main aspects influencing language selection and the use of multilingualism within scholarly communication, allowing for putting forward recommendations for future initiatives aiming at enhancing multilingualism, particularly in connection with the opportunities deriving from Open Science.

■ Balula, Ana, Leão, Delfim (2021). Multilingualism within Scholarly Communication in SSH. A literature review. JLIS.It, 12(2), 88–98. (https://doi.org/10.4403/ilis.it-12672)

The discovery platform GOTRIPLE: An EOSC service for social sciences and humanities research

Di Donato, Francesca, Suzanne Dumouchel, Monica Monachini & Stefanie Pohle (2021): The discovery platform GOTRIPLE: An EOSC service for social sciences and humanities research. In: Federico Boschetti, Angelo Mario Del Grosso & Enrica Salvatori (eds.), AIUCD 2021 – DHs for Society: E-Equality, Participation, Rights and Values in the Digital Age. Book of Extended Abstracts of the 10th National Conference, Pisa, 19–22 January 2021. Pisa: Associazione per l'Informatica Umanistica e la Cultura Digitale (AIUCD), 31–38. Online: https://aiucd2021.labcd.unipi.it/book-of-abstracts

PUBLICATIONS OF THE OPERAS COMMUNITY

(without Deliverables)

Editions:

- OPERAS Living Book 2021 Edition, https://www.operas-eu.org/special-interest-group-living-book/
- Claire Clivaz and Garrick Allen (eds.) (2021). Classics@ 18: Special issue on Virtual Research Environments and Ancient Manuscripts. https://chs.harvard.edu/classics18-ancient-manuscripts-and-virtual-research-en-vironments/
- Avanço, Karla, Balula, Ana, Błaszczyńska, Marta, Buchner, Anna, Caliman, Lorena, Clivaz, Claire, Costa, Carlos, Franczak, Mateusz, Gatti, Rupert, Giglia, Elena, Gingold, Arnaud, Jarmelo, Susana, Padez, Maria João, Leão, Delfim, Maryl, Maciej, Melinščak Zlodi, Iva, Mojsak, Kajetan, Morka, Agata, Mosterd, Tom, ... Wieneke, Lars. (2021). Future of Scholarly Communication. Forging an inclusive and innovative research infrastructure for scholarly communication in Social Sciences and Humanities. Zenodo. (https://doi.org/10.5281/zenodo.5017705)

Publications:

- Angelaki, Marina, Avanço Karla, Clivaz Claire, Giglia Elena, Gingold Arnaud, Kamatsos Paraskevas, Lebon Chloé, Mounier Pierre, Pianzola Federico, Polydoratou Panayota, Rosinsky Cezary, Schirrwagen Jochen, Ševkušić Milica, Stanić Nikola, Stranac Kevin. November 2021. OPERAS White Paper: Common Standards and FAIR Principles. Zenodo. (https://doi.org/10.5281/zenodo.5653414)
- Avanço, Karla, Gingold Arnaud. July 2021. FAIRifying a scholarly publishing service: Methodology based on the OpenEdition's internal FAIR audit (PREPRINT) (Version Preprint). Zenodo. (https://doi.org/10.5281/zenodo.5815156)
- ◆ Balula, Ana, Leão Delfim. "Multilingualism within Scholarly Communication in SSH a literature review." JLIS.it 12, 2. May 2021. 00–00. DOI: (https://doi.org/10.4403/jlis.it-12672).
- Balula, Ana, Caliman Lorena, Fiorini Susanna, Jarmelo Susana, Leão Delfim, Mounier Pierre, Nomine Jean-François, Padez Maria João, Plag Cornelia, Pölönen Janne, del Rio Riande Gimena, Silva Mickael, Stojanovski Jadranka, Szulińska Agnieszka, Ivo Volt, Giménez Toledo, Elea Dulip Withanage. November 2021. Innovative Models of Bibliodiversity in Scholarly Publications: OPERAS Special Interest Group Multilingualism White Paper. Zenodo. (https://doi.org/10.5281/zenodo.5653084).
- Becerril, Arianna, Bosman Jeroen, Bjørnshauge Lars, Frantsvåg Jan Erik, Kramer Bianca, Langlais Pierre-Carl, Mounier Pierre, Proudman Vanessa, Redhead Claire, Torny Didier. March 2021. OA Diamond Journals Study. Part 2: Recommendations. Zenodo. (https://doi.org/10.5281/zenodo.4562790).
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OPERAS AISBL Rue Coudenberg 70 1000 Bruxelles, Belgium

Contact us: pierre.mounier@operas-eu.org suzanne.dumouchel@operas-eu.org

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