Annual Report

2020

Open scholarly communication for social sciences and humanities

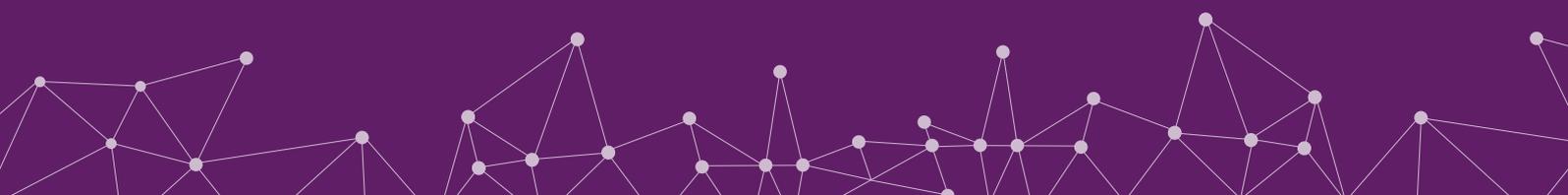## OPERAS

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

Content

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Foreword

2020 has been a historic year for the OPERAS infrastructure which became a legal entity in December 2019. This is the official birth of the OPERAS Association, in the legal form of an international association under Belgian law (AISBL). For the members of OPERAS, 2020 was not only the year of the global pandemic and lock-downs, but also the year of the structuring of the committees of the Association (Executive Assembly, Assembly of the Commons, Scientific Committee of OPERAS). It was also in 2020 that the ESFRI application was submitted (September) and that three supporting members joined us. Moreover, OPERAS added two services in the European Open Science Cloud (EOSC). It was therefore a year that marked the end of the design and preparation phase of the infrastructure and the beginning of a new era for OPERAS, both in terms of its internal structuring and the strengthening of its action and collaborations in the context of Open Science.

OPERAS is supporting the implementation of the European Open Science strategy that establishes Europe as the leader in this domain at a global scale.
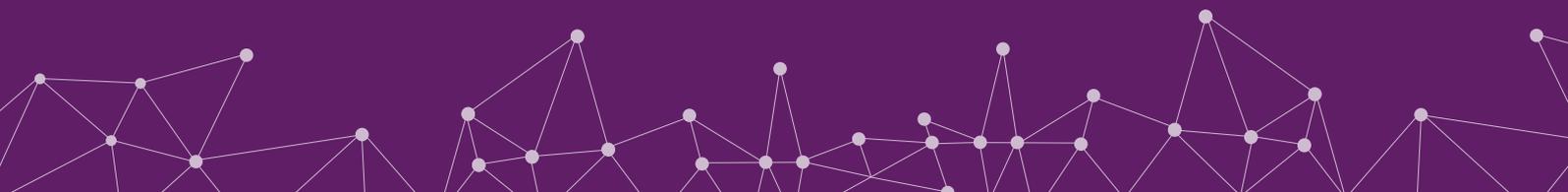
Pierre Mounier and Suzanne Dumouchel
(OPERAS Co-Coordinators on behalf of
the OPERAS Executive Assembly)

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OPERAS
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

In 2020, OPERAS established itself as a not-for-profit association under Belgian law (an AISBL). This new status is an important step to strengthen the collaboration with our community thanks to a flexible governance structure and to affirm the European dimension of OPERAS through its new proximity to Brussels. As an association under Belgian law OPERAS AISBL has its statutory seat in Brussels, an advantageous location that will facilitate collaboration and engagement with European institutions and the member states of the European Union.

OPERAS Core Members proudly signing the AISBL contract ▶

/Governance structure

General Assembly
Controls, validates the budget

Scientific Advisory Committee
Advises

Executive Assembly
Determines strategy, manages key activities

Coordination Team
Manages

Assembly of the Commons
Participates in activities and Interest Groups

SIG1   SIG2   SIGn   OPERAS activities
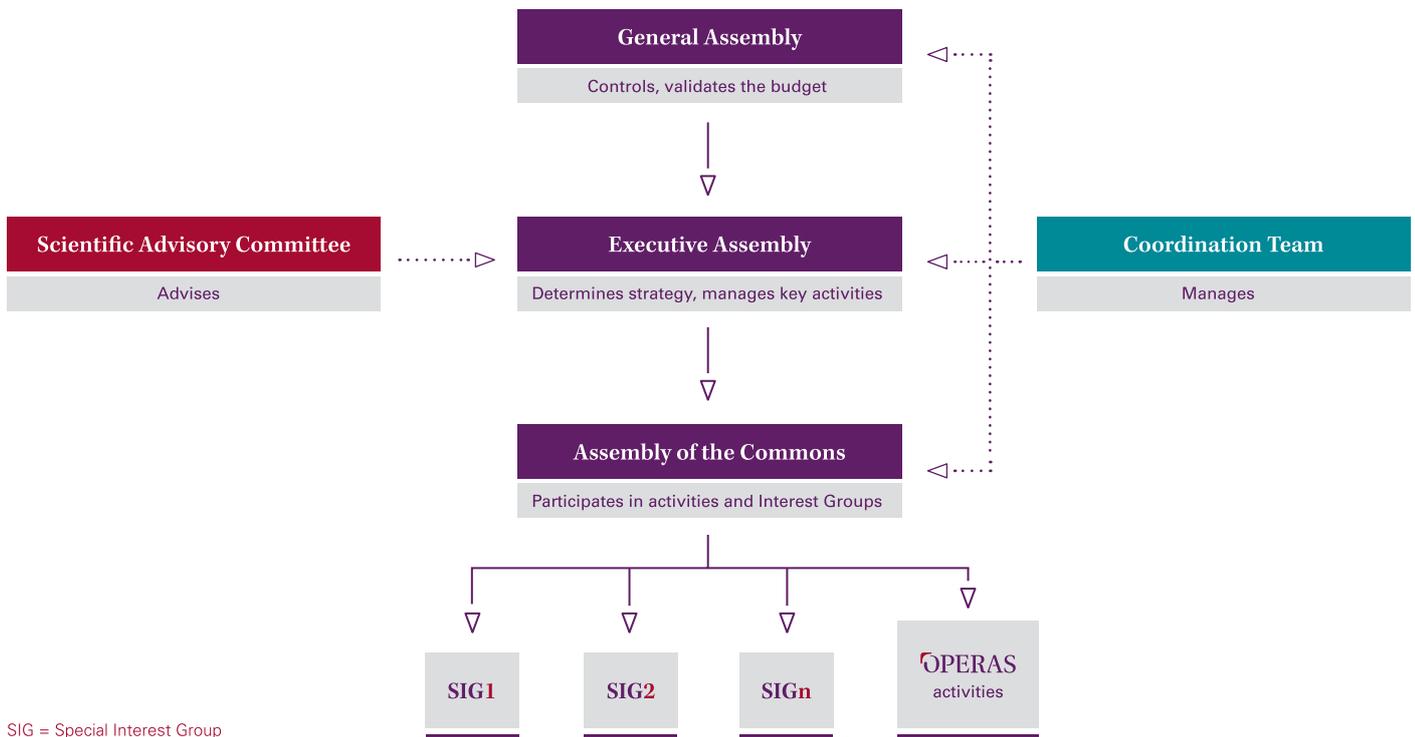
SIG = Special Interest Group

2/Members

Members of the Executive Assembly

CNRS · ZNANSTVENORAZISKOVALNI CENTER SLOVENSKE AKADEMIJE ZNANOSTI IN UMETNOSTI · Open Access Publishing in European Networks · UNIVERSITÀ DEGLI STUDI DI TORINO · UNIVERSIDADE Ð COIMBRA

Jisc · Sveučilište u Zadru Universitas Studiorum Jadertina | 1396 | 2002 | · EKT ΕΘΝΙΚΟ ΚΕΝΤΡΟ ΤΕΚΜΗΡΙΩΣΗΣ NATIONAL DOCUMENTATION CENTRE · IBL Instytut Badań Literackich Polskiej Akademii Nauk · Max Weber Stiftung Foundation German Humanities Institutes Abroad

]a[akademie der bildenden künste wien · hypothes.is · COARD · ISCTE IUL Instituto Universitário de Lisboa · AEUP Association of European University Presses

LingOA Linguistics in Open Access · LEXIS compagnia editoriale in torino · doab directory of open access books · MINISTÈRE DE LA CULTURE Liberté Égalité Fraternité — Délégation générale à la langue française et aux langues de France · SUB NIEDERSÄCHSISCHE STAATS- UND UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN

KU · University of Ljubljana FACULTY of ARTS · KUNGL. BIBLIOTEKET National Library of Sweden · FIRENZE UNIVERSITY PRESS

RomaTrE-Press · apées ASSOCIAÇÃO PORTUGUESA DE EDITORAS DO ENSINO SUPERIOR · PRO GE DO DATA INFRASTRUCTURE · SciELO · Huma-Num · srce University of Zagreb University Computing Centre

net7 · ceon cees · FCSH FACULDADE DE CIÊNCIAS SOCIAIS E HUMANAS UNIVERSIDADE NOVA DE LISBOA · OpenBook Publishers · OLH

OpenEdition · PKP PUBLIC KNOWLEDGE PROJECT · C²DH LUXEMBOURG CENTRE FOR CONTEMPORARY AND DIGITAL HISTORY · SPARC Europe · UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

CRUI Conferenza dei Rettori delle Università Italiane · UNIVERSITY OF TROMSØ UiT / THE ARCTIC UNIVERSITY OF NORWAY · Università Ca'Foscari Venezia ·]u[ubiquity press open scholarship · UNIVERSITÀ DEGLI STUDI DI MILANO

Stockholm University · Consiglio Nazionale delle Ricerche · Filozofski fakultet Sveučilišta u Zagrebu FF · UCLPRESS · DARIAH-EU Digital Research Infrastructure for the Arts and Humanities

OPERAS gathers 53 organizations from 16 countries and is led by a 10 members Executive Assembly.
OPERAS is coordinated from France by OpenEdition and Huma-Num.

Netherlands
DOAB
Hypothesis
Linguistics in Open Access – LingOA
OAPEN ○
Quality Open Access Market – QOAM

Norway
UiT The Arctic University of Norway

Sweden
National Library of Sweden
Stockholm University Library

Luxembourg
Luxembourg Centre for Contemporary and Digital History – C²DH

Germany
Georg-August-University Göttingen – UGOE ●
Knowledge Unlatched – KU
Max Weber Stiftung – MWS ○

Poland
Institute of Literary Research of the Polish Academy of Sciences – IBL PAN ○

Serbia
Centre for Evaluation in Education and Science (CEON/CEES)

Slovenia
The Research Center of the Slovenian Academy of Sciences and Arts – ZRC SAZU
University of Ljubljana, Faculty of Arts

Croatia
University of Zadar ○
University of Zagreb, Faculty of Humanities and Social Sciences (FHSS)
University of Zagreb, University Computing Centre – SRCE

Greece
National Documentation Centre – EKT ○

United Kingdom
Jisc ○
COARD
Open Books Publishers
Open Library of Humanities – OLH
Ubiquity Press
UCL Press

Belgium
University of Liège

France
CNRS (Huma-Num, OpenEdition) ○
DGLFLF – General Delegation for the French language and languages of France ●
TGIR Progedo (CNRS)

Portugal
APEES
NOVA School of Social Sciences and Humanities
University of Coimbra ○
University Institute of Lisbon – ISCTE-IUL

Italy
Associazione Italiana per la promozione della scienza aperta – AISA
Conference of Italian University Rectors – CRUI
Firenze University Press
Italian National Research Council – CNR
Lexis Compagnia Editoriale
Napoli University Federico II
Net7
Roma Tre University
University Ca'Foscari Venice
University of Milan
University of Turin – UniTo ○

Austria
Academy of Fine Arts Vienna

Association of European University Presses – AEUP
DARIAH ERIC ●
SPARC Europe
Public Knowledge Project – PKP
Scientific Electronic Library Online – SciELO

○ Executive Assembly member
● Supporting member

April 2021

Map with OPERAS members

/Members of the Executive Assembly

Ten prominent national organisations committed to steer OPERAS on its path to maturity, one new member in 2020

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

In 2020, OPERAS welcomed a new member to this strategic process, ZRC ZASU, thus creating a privileged link with Slovenia.

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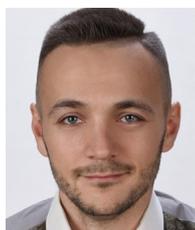
The Institute of Literary Research of the Polish Academy of Sciences
Maciej Maryl is Assistant Professor and Deputy Director of The Institute of Literary Research of the Polish Academy of Sciences (IBL PAN) and founding head of the Digital Humanities Centre.

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 Pogačnik 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' community at large

OPERAS is: 53 major organisations, including 9 new members in 2020

▬ New members – 2020

In 2020, OPERAS welcomed nine new members from seven European countries:

Supporting members

France
DGLFLF – La délégation générale à la langue française et aux langues de France

MINISTÈRE DE LA CULTURE
Liberté Égalité Fraternité

Délégation générale à la langue française et aux langues de France

Germany
Göttingen SUB, the State and University Library

SUB | NIEDERSÄCHSISCHE STAATS- UND UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN

International
DARIAH ERIC

DARIAH-EU
Digital Research Infrastructure for the Arts and Humanities

Core members

Slovenia
The Research Center of the Slovenian Academy of Sciences and Arts (ZRC SAZU)

Ordinary members

Croatia
Faculty of Humanities and Social Sciences of Zagreb University

Filozofski fakultet
Sveučilišta u Zagrebu
FF Zg

Portugal
APEES

apees
ASSOCIAÇÃO PORTUGUESA DE EDITORAS DO ENSINO SUPERIOR

Serbia
The Centre for Evaluation in Education and Science (CEON/CEES)

c e o n
c e e s

Sweden
National Library of Sweden

KUNGL. BIBLIOTEKET
National Library of Sweden

International
SPARC Europe

SPARC Europe

/Highlight on our new supporting members:

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

The membership of DARIAH-EU as a supporting member of OPERAS 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, 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.

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 committee is co-chaired by Melanie Imming and Koen Vermeir.

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.

Koen Vermeir

Koen Vermeir is a CNRS Research Professor in history and philosophy of science, the Editor-in-Chief of the international peer-reviewed journal Centaurus, and the director of TECHNE (an international book series). As the Immediate Past Co-Chair of the Global Young Academy (GYA), he strives for a more inclusive research ecosystem and aims to empower young researchers globally. As a historian and philosopher, one of his research topics concerns research as a global public good. Koen is involved in open science policy at the European and global levels. In addition to several other activities in the open science field, he is part of the team that is developing the new Open Research Europe (ORE) platform, the Open Access publishing platform of the European Commission and he is a member of the cOAlition S Task Force that will develop a monitor tracking the impact of Plan S on the research community.

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 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 and two project managers. 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). Thus, members of the Coordination Team are involved both in 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.

TRAINING AND FORMATION

Education and training are a priority for OPERAS: in 2020, the team attended the RI-train Executive Masters in the Management of Research Infrastructure (EMMRI) to strengthen its management competence and expand its knowledge on topics such as: financial and governance sustainability for RIs, service provision (assessing services quality, redesigning and flowcharting services), raising awareness, developing leadership competencies, etc. (certificate see page 18).

EXECUTIVE MASTERS IN MANAGEMENT OF RESEARCH INFRASTRUCTURES

Certificate of Excellence in

Research Infrastructure Leadership

This is to certify that **OPERAS** is awarded with the *Certificate of Excellence in Research Infrastructure Leadership* for the participation of its Staff Team in the Executive Masters in Management of Research Infrastructures (EMMRI) – Class of 2018-2020.

Milan, 04 December 2020

Prof. Marialuisa Lavitrano

Programme Director

Prof. Enrico Guarini

Programme Coordinator

-4-
Activities

Engaging with the community: Presenting results and learning about community's needs
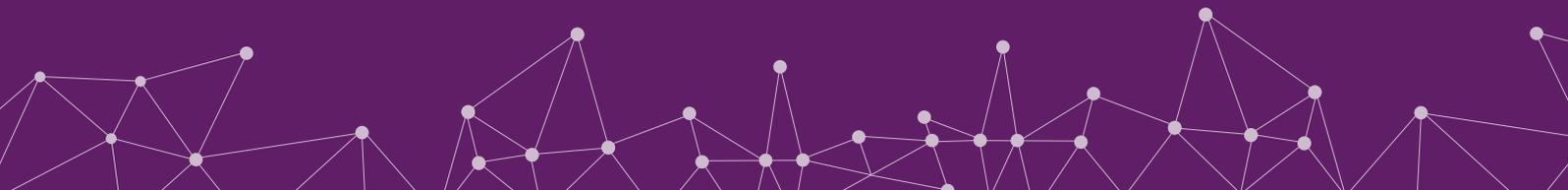
1/Activities highlight

OPERAS workshops and presentations

OPERAS organized several workshops and one conference and presented at several large Open Science events to network with the community.

Open Science Conference 2020

19–20 March, Berlin

Presentation: "Humanities and Data: listening to the communities on the path towards FAIRness" (paper with ALLEA).

Poster presentation: "Discovery Service" (#osc2020)

FAIR data, services
OPERAS Lab, services

CO-OPERAS Workshop

30 January

("FAIR Research Data Management in SSH"), Göttingen.

Organised by SSHOC and CO-OPERAS with UGOE

FAIR data

DARIAH Annual Conference 2020

10–13 November, Zagreb.

Workshop: "Does Communication belong to Scholarly Primitives?"
Poster presentation: "OPERAS services" (#DARIAH2020)

OPERAS Lab, services

OPERAS2020 Conference

2–4 November, Bonn.

Presentation: "Opening up Social Sciences and Humanities in Europe: From Promises to Reality" organised by Max Weber Stiftung (#OPERAS2020)

OPERAS Research Infrastructure (Services, Multilingualism, OPERAS Lab), Advocacy for SSH, Plan S (academic books and journals), Open Science Challenges, Open Access Book

March

February

January

December

November

October

20

20

April

May

June

July ●

August

September ●

ESOF2020 – Euroscience Open Forum

5–9 July, Trieste

Panel discussion participation: "Plan S and Open Science – Are we on the Right Track"

Plan S, Open Science

Pubmet2020 Conference

16–18 September, Zadar

Session: "OPERAS: Scholarly Communication at the Heart of Research in Social Sciences and Humanities" and presentation: "The Case for an Inclusive Scholarly Communication Infrastructure for Social Sciences and Humanities" (#pubmet2020)

open scholarly communication

EADH Workshop

10–11 September

"Virtual Research Environments and Ancient Manuscripts"– SNSF MARK16 project, Lausanne.

Presentation: "Increasing impact of SSH research: Use cases of OPERAS services in EOSC"

EOSC, services

OPERAS-P Workshop

7–8 September

"Knowledge infrastructures and digital governance. History, challenges, practices", Luxembourg (online event). Organised by Valérie Schafer and Lars Wieneke (C2DH, University of Luxembourg).

participation in an open infrastructure

Workshop Multilingualism,

a satellite event of OASPA Conference 2020, online.

21 September

Presentation: "Multilingualism in Scholarly Communication" (on 21.09.2020): a Preliminary Report (OPERAS multilingualism Special Interest Group, OPERAS-P project)" (#OASP A2020, #OASPA2020multilingualism)

multilingualism

FOCUS ON | THE OPERAS 2020 CONFERENCE

#OPERAS2020

The OPERAS conference "Opening up Social Sciences and Humanities in Europe: From Promises to Reality" aimed at being a discussion hub in which different players such as researchers, decision makers, publishers and librarians e.g. could share and compare their take on the current scholarly communication system and their vision for a sustainable future.

3 Days

1 Keynote
5 Panels
4 Workshops
3 Virtual Lounges

38 presenters
63 experts
486 participants
1100 minutes

OPERAS CONFERENCE
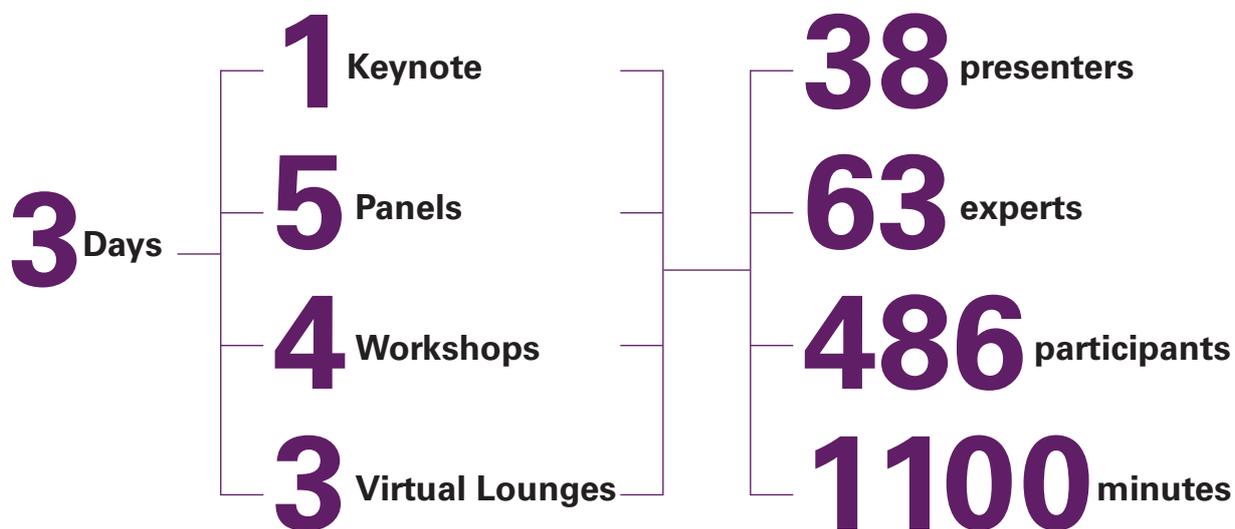
Opening up Social Sciences and Humanities in Europe: From Promises to Reality

OPERAS·P
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871069

Max Weber Stiftung
Deutsche Geisteswissenschaftliche Institute im Ausland

www.operas-eu.org

Panel: "How Social Sciences and Humanities Infrastructures should address Open Science Challenges in Europe" (November 3, 14:00–16:00 CET) with

Olivier Bouin, EASSH;
Lino Paula, EC;
Kostas Glinos, EC;
Franciska de Jong, CLARIN;
Suzanne Dumouchel, OPERAS;
Ron Dekker, CESSDA;
Jennifer Edmond, DARIAH (from the left to the right).

/OPERAS surveys within 2020

To be community-driven, it is important to know about the community's needs. Therefore, OPERAS conducted several surveys in 2020 to involve the different communities:

OA Diamond Journals Survey,
consortium of 10 organisations,
commissioned by cOAlition S

Survey period:
July to September

Target audience:
journal editors

Statistics:
6 languages, 1619 participants from 85 countries and all disciplines

Topic:
Open Access Journals, Diamond Open Access

Multilingualism in Scholarly Communication Survey,
Multilingualism SIG

Survey period:
June to August

Target audience:
publishers, translators, and researchers

Statistics:
1 language, 359 respondents

Topic:
1. role of multilingualism as an expression of bibliodiversity in scholarly communication;

2. conceptual design of a platform prototype for community-owned translation services at the scholarly communication level, involving the needs of publishers, translators, and researchers.

Open Scholarly Communication Survey,
OPERAS-P, University of Zadar

Survey period:
March, April

Target audience:
all SSH researchers

Statistics:
8 languages, 2264 participants, 34 countries, 21 disciplines with more than 30 respondents

Topic:
scholarly communication practices within the SSH to define needs

Governance Study, OPERAS-P,
Luxembourg Centre for Contemporary and Digital History, University of Luxembourg

Survey period needed:
March

Target audience:
OPERAS members

Statistics:
1 language, 26 respondents, 50% of the active members of OPERAS answered the survey

Topic:
governance structure of OPERAS and the possibilities to participate

User Research Survey, TRIPLE,
University of Abertay

Survey period:
May, June

Target audience:
SSH researchers

Statistics:
925 responses, 26 countries

Topic:
help tailor the services and tools of the project's innovative multilingual and multicultural discovery platform to the needs of the social sciences and humanities community

2/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, 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)

2. Best Practices (coordinated by the University of Zadar, Croatia)

3. Common Standards (coordinated by EKT, Greece)

4. Multilingualism (coordinated by the University of Coimbra, Portugal)

5. Open Access Business Models (coordinated by JISC, United Kingdom)

6. Platforms and Services (coordinated by OPERAS AISBL)

7. Tools, Research and Development (coordinated by the Médici network, France)

FOCUS ON | THE ADVOCACY SIG AND THE MULTILINGUAL SPECIAL INTEREST GROUPS AND THEIR ACTIVITIES IN 2020:

/The Advocacy Special Interest Group: activities in 2020 and future plans

The OPERAS Advocacy SIG meets monthly to discuss the topics that its 23 members (as of April 2021) work on in designated sub-groups. These topics include researchers' concerns for open access publishing, advocacy for the SSH, and national channels for open access publishing. In addition, the Advocacy SIG prepares recommendations and guidelines for multilingualism (together with the Multilingualism SIG) and for FAIR standards in the SSH (together with the Common Standards SIG). Its activities and planned actions have been described in an "Advocacy Guide"[1] published in October 2020. It is currently creating guidelines and recommendations to support stakeholders in their advocacy efforts for SSH.

To learn more about researchers' concerns for open access publishing and advocacy for SSH, the Advocacy SIG conducted a workshop and a panel discussion in 2020:
> 1. "How to fill the Information Gap: Open Access for the Social Sciences and Humanities" as part of the Munin conference on 17 November 2020[2].
> 2. "How to advocate for social sciences and humanities" as part of the OPERAS conference (see detailed report below).

PANEL REPORT: "HOW TO ADVOCATE FOR SOCIAL SCIENCES AND HUMANITIES"
The Advocacy SIG is developing an advocacy strategy for the SSH disciplines, particularly targeting

1 OPERAS-P Consortium (2020): Advocacy Guide, Version DRAFT (DOI: https://doi.org/10.5281/zenodo.4185702).

2 The OPERAS workshop "How to fill the information gap: Open Access for the social sciences and humanities" took place on 17 November 2020 as part of the 15th Munin Conference on Scholarly Publishing 2020. Workshop report (DOI: https://doi.org/10.5281/zenodo.4293340).

funders and policy-makers, at both a national and at a European level. They therefore organized a panel discussion at the annual OPERAS conference, with five SSH advocacy professionals from think tanks, NGOs and Open Access initiatives, to draw conclusions from their professional experiences.

The panelists exchanged their advocacy experiences and presented case studies to provide examples of actual best practices, challenges, and obstacles for SSH advocacy on the EU level while taking into account local specificities. Exchanging experiences connected to advocacy, showing examples of best practices and challenges or obstacles related to local specifics during the panel provide input for the Advocacy SIG work, but may also attract new organizations to join OPERAS and become active within the community.

FUTURE PLANS:
The Advocacy SIG is working on the following concrete topics:

1. National channels for open access publishing: Developing guidelines and recommendations for advocating for open access publishing in a national community, based on the experiences of the OPERAS-GER project.
2. Multilingualism: Designing an advocacy campaign on multilingualism in the SSH, e.g. a policy brief.
3. FAIR standards: Creating a 3-step campaign for FAIR standards in the SSH – 1) social media campaign with information on relevant aspects for the SSH, 2) creation of "cards" from the ALLEA report on the same topic to make it more accessible and to contextualize its findings, 3) adaptation of the self-assessment checklist.
4. Advocacy in the SSH: Constructing a survey that will be conducted in 2021.

/The Multilingualism Special Interest Group

The Multilingualism Special Interest Group has worked together in two main phases.

Phase 1:
Literature review: multilingualism and scholarly communication
[corresponding to goals 1 and 2. Status: concluded]
The original draft of the literature review was prepared by Ana Balula and Delfim Leão (Coimbra University team) and revised within the OPERAS Special Interest Group on Multilingualism, which includes representatives of the Helsinki initiative, Federation of Finnish Learned Societies, ENRESSH, AEUP, Academic Book Publishers, PKP, FORCE11.

It is a qualitative study of exploratory nature, and the method used is in the scope of an integrative literature review, summarising prior research to clarify research trends based on in vivo content analysis of the selected corpus. As to the problem, it reflects a gap in the recent literature, namely as to identifying factors that influence the dynamics underlying language selection and the use of multilingualism within scholarly communication. The original work prepared by Ana Balula & Delfim Leão was submitted as a paper and published as Balula, A., & Leão, D. (2021). Multilingualism within Scholarly Communication in SSH – a literature review. JLIS.it. 12(2), 88–98 (doi: 10.4403/jlis.it-1267).

Phase 2:
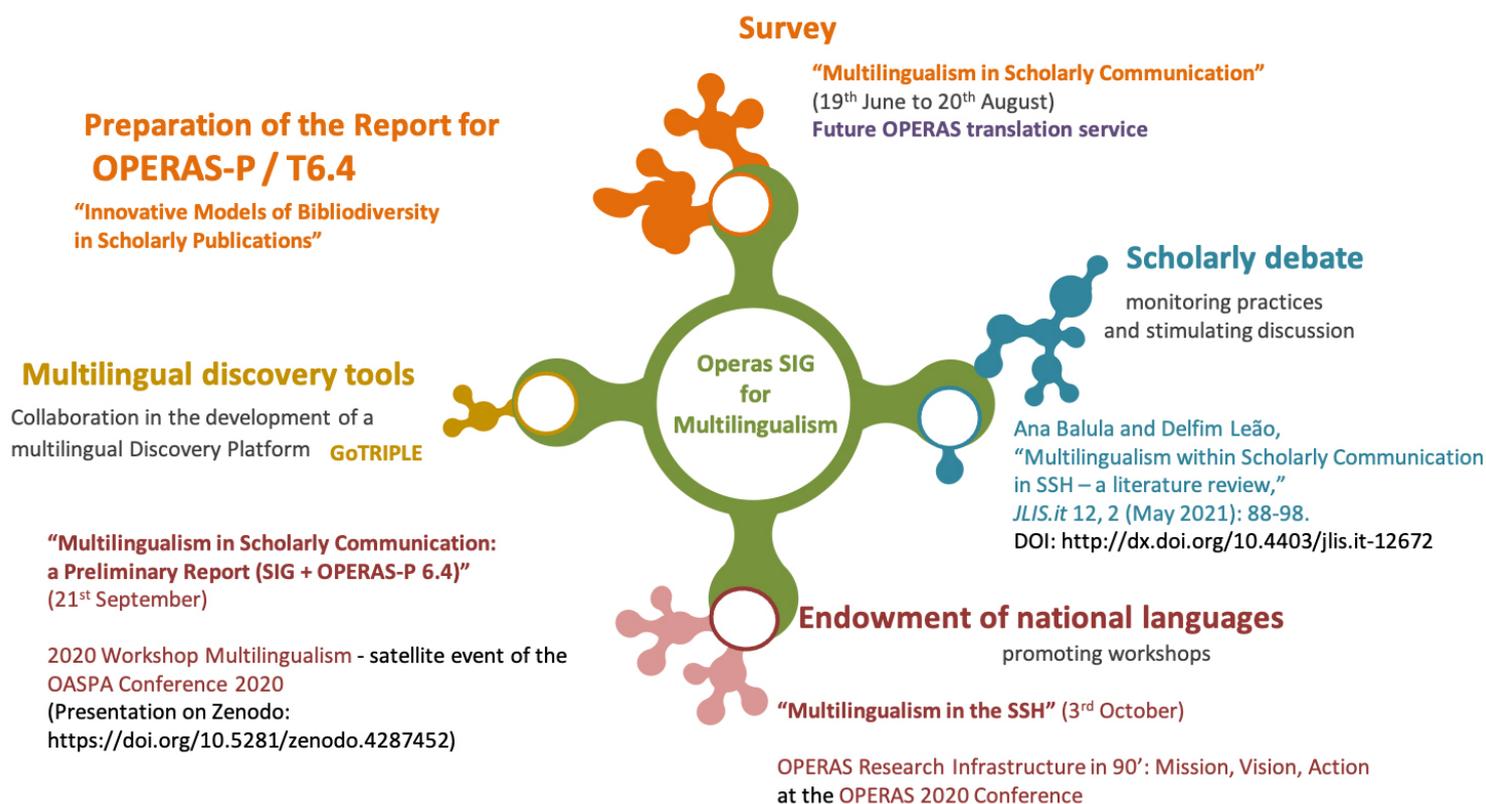Survey regarding "Multilingualism in Scholarly Communication"
[corresponding to goals 2 and 3. Status: survey concluded, report and in-depth analysis concluded]
The survey on "Multilingualism in Scholarly Communication" was conducted during the Summer of 2020 (from 19 June to 20 August), in an online survey distributed among researchers, translators and publishers in the OPERAS network and other channels. The survey was responded to by a total of 359 participants who had a common initial set of questions, and then could give their contribution according to three different perspectives (researchers, translators and publishers), separated or combined, depending on the respondents' profiles. Given the growing need to strengthen the bonds between stakeholders involved in scholarly communication and multilingualism, this survey had a two-fold purpose:

OPERAS

(i) create a better understanding of the role of multilingualism within bibliodiversity in scholarly communication;

(ii) contribute to the conceptual design of a platform prototype for community-owned translation services at the scholarly communication level, involving the needs of publishers, translators, and researchers.
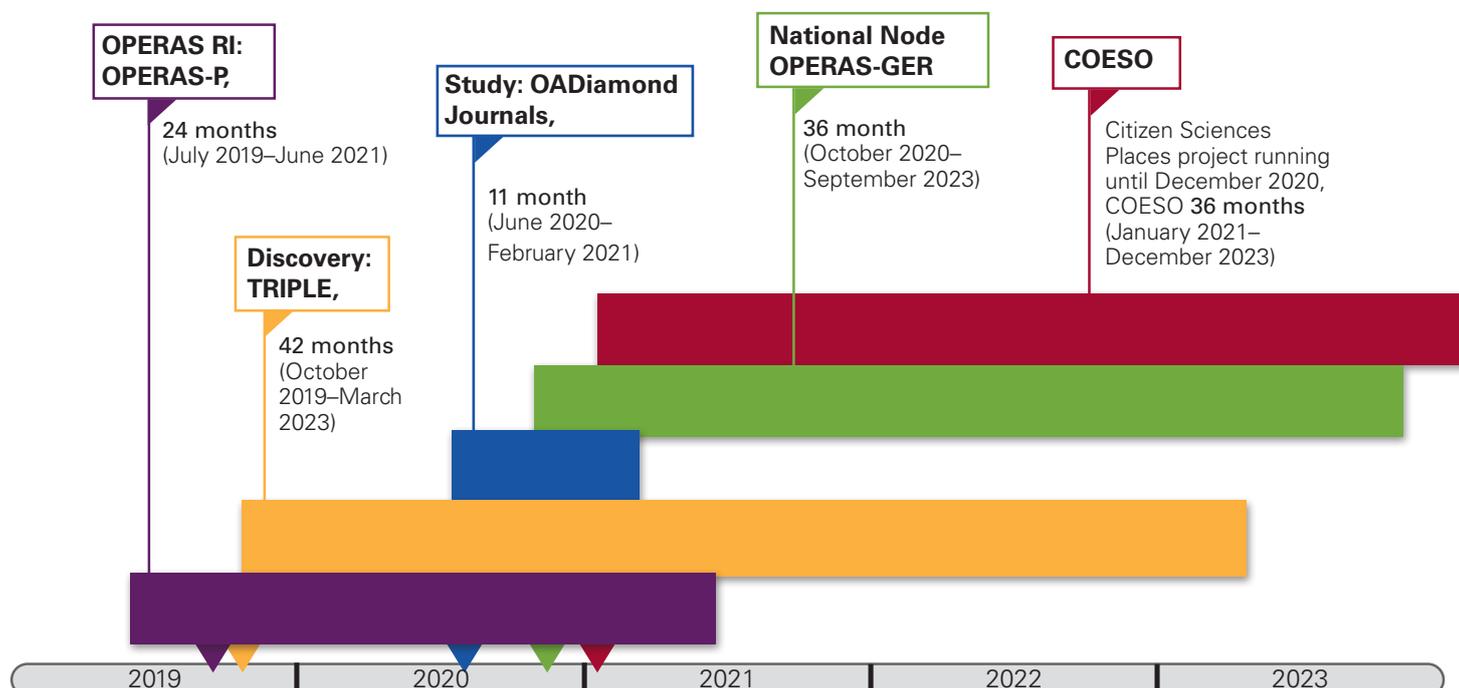
The preliminary results of the survey were publicly presented at the OASPA Conference 2020 and the OPERAS 2020 Conference.

Survey
"Multilingualism in Scholarly Communication"
(19th June to 20th August)
Future OPERAS translation service

Preparation of the Report for
OPERAS-P / T6.4
"Innovative Models of Bibliodiversity in Scholarly Publications"

Scholarly debate
monitoring practices and stimulating discussion

Operas SIG for Multilingualism

Multilingual discovery tools
Collaboration in the development of a multilingual Discovery Platform **GoTRIPLE**

Ana Balula and Delfim Leão, "Multilingualism within Scholarly Communication in SSH – a literature review," *JLIS.it* 12, 2 (May 2021): 88-98. DOI: http://dx.doi.org/10.4403/jlis.it-12672

"Multilingualism in Scholarly Communication: a Preliminary Report (SIG + OPERAS-P 6.4)" (21st September)

2020 Workshop Multilingualism - satellite event of the OASPA Conference 2020 (Presentation on Zenodo: https://doi.org/10.5281/zenodo.4287452)

Endowment of national languages
promoting workshops

"Multilingualism in the SSH" (3rd October)

OPERAS Research Infrastructure in 90': Mission, Vision, Action at the OPERAS 2020 Conference

OVERVIEW OF THE ACTIVITIES AND RESULTS OF THE MULTILINGUALISM SPECIAL INTEREST GROUP

3/Projects

OPERAS and the Executive Assembly coordinated 5 projects running in 2020.

OPERAS RI: OPERAS-P,

24 months
(July 2019–June 2021)

Discovery: TRIPLE,

42 months
(October 2019–March 2023)

Study: OADiamond Journals,

11 month
(June 2020–February 2021)

National Node OPERAS-GER

36 month
(October 2020–September 2023)

COESO

Citizen Sciences Places project running until December 2020, COESO **36 months** (January 2021–December 2023)

| 2019 | 2020 | 2021 | 2022 | 2023 |

/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 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 our research infrastructure. The project was launched on the first of October 2019 and lasts 42 months (2019–2023). It is financed under the Horizon 2020 framework with approximately 5.6 million €. It gathers 19 partners from 13 European countries and is coordinated from France 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 YEAR 2020 WAS DECISIVE BECAUSE THE ESSENTIAL PRELIMINARY WORK FOR THE DEVELOPMENT OF THE PLATFORM WAS LAUNCHED:

- ☛ the identification of resources;
- ☛ the definition of the TRIPLE data model;
- ☛ the resource integration strategy;
- ☛ the identification of user needs, through qualitative interviews, workshops, surveys and face to face meetings, among others by the Abertay University having scientifically analyzed user needs and having drawn seven scenarios and personas from that input;
- ☛ the global architecture of the platform, that is to say the process of data ingestion into the future TRIPLE database;
- ☛ the integration timeline and process of the innovative services;
- ☛ the plan for the EOSC integration, the first steps to define the governance and business model of GOTRIPLE;

☛ and the TRIPLE identity including the logo, the communication strategy, the first version of the PEDR (Plan for Exploitation and Dissemination Report).

FINALLY,

☛ 3 milestones were achieved and 18 deliverables submitted by the end of 2020
☛ 5 technical and user design workshops were organized
☛ 2 peer-reviewed articles were published in Open Access journals
☛ 10 contributions to public events such as talks, posters, workshops, roundtables and parallel sessions.

/The OPERAS-P projet

OPERAS-P

Supporting the development of OPERAS toward its maturity – 17 partners – € 2 010 539.13 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. 2020 is a year of important achievements, with the completion of particularly ambitious objectives.

STRATEGIC AND POLITICAL ACHIEVEMENTS:

☛ **Definition of a long-term, evidence-based strategy for the development of the infrastructure and its services**
☛ **Ensure outreach and advocacy for open scholarly communication,** developing a communication strategy and supporting the expansion of the consortium
☛ **Structuration of OPERAS as a not-for-profit association under Belgian law**
☛ **Submission of our application to the ESFRI roadmap,** a decisive step for the future transition of OPERAS as an ERIC

SCIENTIFIC AND TECHNICAL ACHIEVEMENTS:

☛ 3 high quality surveys (a landscape survey on scholarly communication, a study on innovative models of governance, and on multilingualism etc.)
☛ the OPERAS 2020 Conference
☛ Development of two services: OPERAS' Publishing Service Portal (Pathfinder) and Certification Service (DOAB); and placing of two services on the EOSC: OPERAS' Research for Society Service and OPERAS Certification Service
☛ Launch of a forum open to the community
☛ Launch of a new website operas-eu.org additionally to the blog operas.hypotheses.org

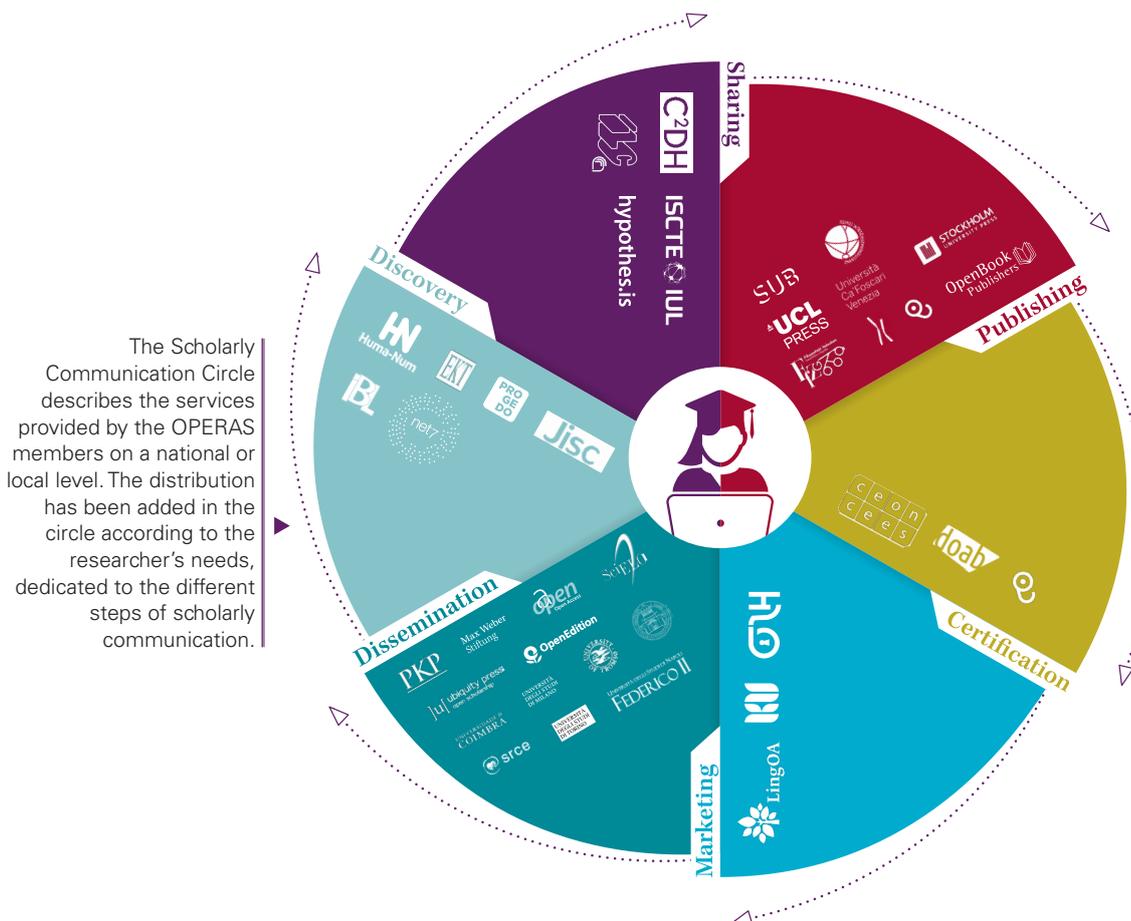OPERAS-P midterm meeting, June 2020

4/Services

1 service in production, 2 services in beta, 2 in development

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 to European researchers 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.

The Scholarly Communication Circle describes the services provided by the OPERAS members on a national or local level. The distribution has been added in the circle according to the researcher's needs, dedicated to the different steps of scholarly communication.

SERVICES IN PRODUCTION:
THE RESEARCH FOR SOCIETY SERVICE – Based on hypotheses.org platform, provided by OpenEdition (FR) https://hypotheses.org – Designed to be an interactive platform between SSH researchers and the society at large.

SERVICES IN BETA (PLANNED FOR 2021):
THE CERTIFICATION SERVICE – Based on Directory of Open Access Books (DOAB) platform , provided by DOAB Stichting (NL), hosted by Huma-Num
https://marketplace.eosc-portal.eu/services/operas-certification-doab

THE METRICS SERVICE
Provided by Ubiquity Press (UK), Open Book Publishers (UK), COARD (AU)

SERVICES IN DEVELOPMENT:
THE DISCOVERY SERVICE – GoTRIPLE platform, based on Isidore platform, provided by Huma-Num (FR) and the TRIPLE consortium

THE PUBLISHING SERVICE PORTAL
Provided by UniTO (IT) and Lexis SRL (IT)

FOCUS ON | THE CERTIFICATION SERVICE IN 2020

The Directory of Open Access Books (DOAB) aims to certify OA book publishers, based on their publishing practices, in particular their peer review procedure and their licensing policy.

The OPERAS Certification Service is intended to certify publishers at both the publisher level and the individual publications level. The goal of the service is to support trust in OA book publishing, by improving transparency around quality assurance of OA book publishers and their publications. By providing transparent information about the quality assurance process at the publisher level and at the book level, the service represents a next step towards (more) open peer review for OA books. It is included in the larger European Open Science Cloud (EOSC).

DOAB RELAUNCHED: OPEN SOURCE & NEW SERVICES

In 2020, DOAB has successfully migrated to a new open source environment, based on DSpace 6. This transition was part of the OPERAS-P project with the redevelopment of DOAB as a central service being the aim of work package 5. Its (new) functionalities and features allow for easy integration with library catalogues:

- ☛ All DOAB metadata is freely available (CC0)
- ☛ Metadata feeds: MARC, MARCXML, CSV, RIS, ONIX, XML
- ☛ OAI-PMH harvesting, REST API, RSS and Atom feeds

"The entire DOAB team is very excited about this development. Transitioning to the open source DSpace platform represents an important next step for the DOAB Foundation and our firm commitment to open science."
Niels Stern, director of OAPEN and co-director DOAB

In 2020, DOAB has welcomed **78 new publishers** and a total of **8 520 new titles** to the directory. DOAB now exceeds **37 000** book references, about half of which are written in non-english languages representing a diverse and rich community of more than 450 publishers worldwide.

5/OPERAS engagement in Europe

OPERAS established strong relationships with the EOSC Association, EGI and other ERICS

Since its creation, OPERAS has developed strong collaborative links and partnerships in Europe and internationally. Supporting open access scholarly communication in SSH implies to work in collaboration with others and to rely on the whole scientific community at all levels: national, regional, European and international.

The collaboration already initiated with the ERICs in SSH, which are more focused on data than on publications, has been strengthened through the TRIPLE project in which CESSDA, DARIAH and CLARIN are partners, but also with the construction of the SSH cluster of EOSC, which has encouraged strengthening exchanges on the services offered to the SSH community.

OPERAS became a full member of the EOSC Association in 2020. The AISBL is represented by Elena Giglia from the University of Turin at the General Assembly of the EOSC Association. Suzanne Dumouchel, OPERAS coordinator in charge of partnerships, has been elected as a member of the EOSC Board for 3 years. This is a great opportunity for OPERAS, as well as a recognition of the visibility and assets of our infrastructure. In this sense, OPERAS is working on its mission to disseminate and support Open Science practices, in particular in SHS, while developing work around the link between data and publications.

In 2020, the collaboration with EGI was intensified around the two projects OPERAS-P and TRIPLE, in particular because it was decided that the authentication system for OPERAS services would be that of EGI. This collaboration between the two infrastructures is part of a long process of strengthening exchanges. This has enabled OPERAS to propose certain services as a case study in the EOSC-ACE project coordinated by EGI.

The diagram below illustrates the positioning of OPERAS in a global, European and international context, and on issues as diverse as Open Science, scientific communication in SSH, research infrastructures and associated business models, and data more globally.
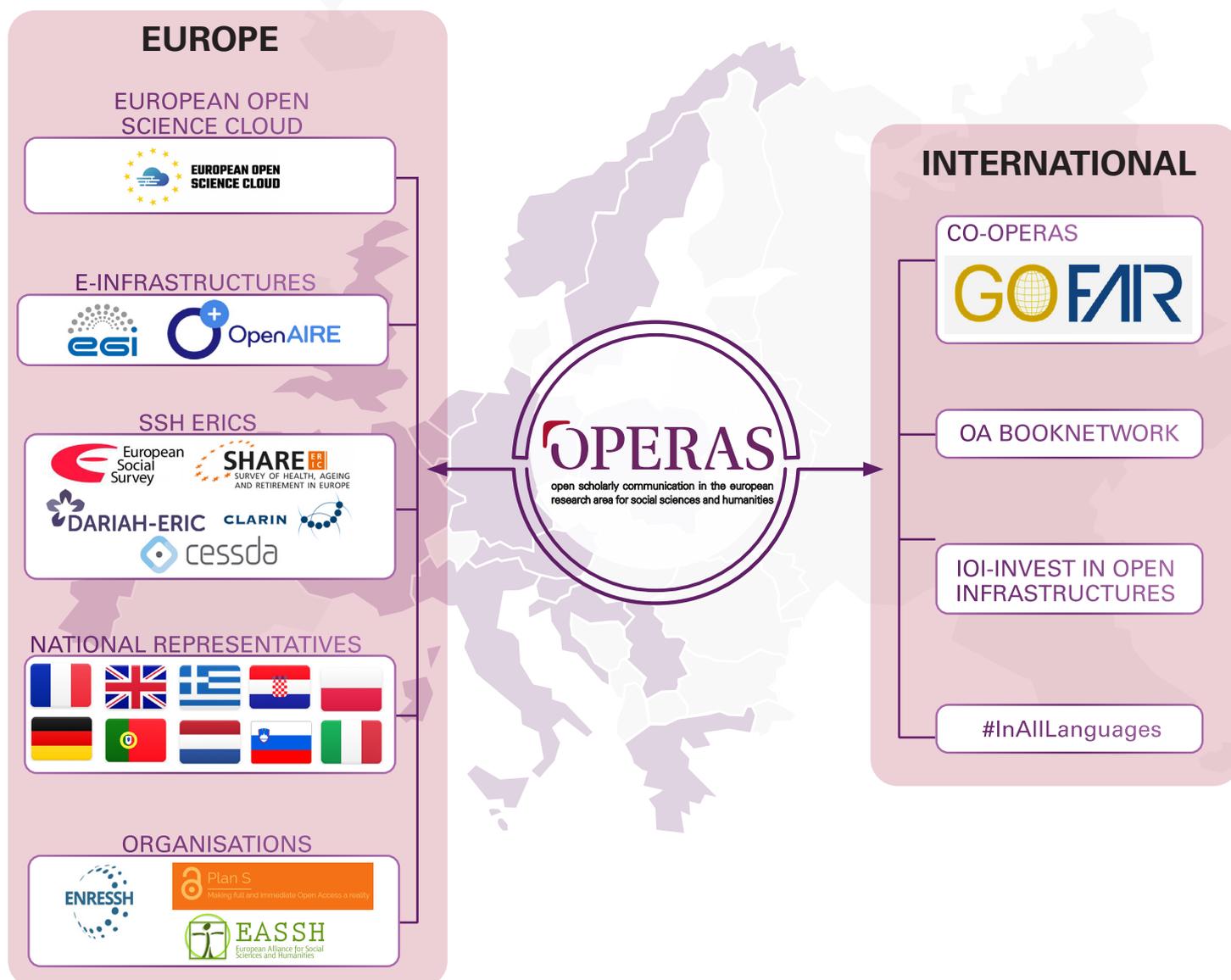
However, this should not detract from each and every collaboration at a national or more micro level that makes OPERAS a solid part of the European science ecosystem.

6/ OPERAS FAIR Activities

Adoption of FAIR principles to SSH research results

Established in the context of the GOFAIR initiative and funded for two years by the French agency ANR, CO-OPERAS is an Implementation Network supporting the adoption of FAIR principles within the SSH. In 2020, CO-OPERAS had the opportunity to finish its series of national workshops organized for researchers. The workshops allowed to discuss the definition of data in various SSH fields and to survey the specific needs of the community in the prospect of the FAIRification. CO-OPERAS also contributed to various conferences, especially during the GOFAIR Symposium in November, with a session dedicated to the building of a FAIR continuum for the SSH.

At the same time, the members of the OPERAS Special Interest Group on Common Standards decided

to make the FAIR principles an essential part of their work and to rename the SIG accordingly. The group acknowledged not only the importance of FAIR principles for scholarly communication, but the guidance they offer in order to classify and assess the existing standards in the field.

An essential aspect of FAIRification are the FAIR services, and OPERAS fully endorses this objective. The GOTRIPLE service is conceived as a FAIR service, using PIDs, metadata standards, shared controlled vocabularies, open protocols, and offering its own metadata under a clear license. The FAIRness and FAIR-enabling processes of GOTRIPLE have been described in an exhaustive Data Management Plan. GOTRIPLE intends to improve the level of FAIRness of its providers further through support and training actions.

Group Picture German CO-OPERAS Workshop, January 30 2020, Co-organized in Göttingen by SSHOC and CO-OPERAS with the support from UGOE. ▶

–5–
Impact

Measuring the progress:
OPERAS KPIs and objectives

1/Objectives for the year 2020

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 are defined for a three-year period and are an important indicator of our success in continuously improving our performance overall.

2/Measuring the progress of these objectives

Pillars	Objectives	Indicators	Datas 2020
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	59
Empowering community	Adding OPERAS services to the EOSC catalogue of services	No. of operational services part of the EOSC catalogue of services.	2
	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 new members involved in open scholarly practices related to peer-review, innovative writing and research evaluation	10
Fostering quality	Offering quality services	No. of services eligible to Core Trust Seal	2

3/Projects, members and services

Projects	No of collaborative projects in which OPERAS is a participant or coordinator *Diamond S, OPERAS-P, TRIPLE, CO-OPERAS, OPERAS-GER, EGI-ACE*	6
	Annual value of the current projects	2 501 420,56 €
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	41
	No. of supporting members *of OPERAS*	3
	No. of countries where OPERAS is established	16
	Annual value of the in-kind committed by our members	205 776,00 €
Services	No. of services in design or development	4
	No. of services in the beta phase and/or already operational	4

4/Communication

Elements	Key Information	Figures for the year 2020
Publications *reports and white papers published in OPERAS' zenodo community*	No. of reports/white papers	101
	No. of views for the most viewed one	2 727
	No. of downloads for the most download one	1 481
Newsletter	No. of subscribers	199
	Total click: opened newsletter	599
Twitter	No. of followers	1 850
	No. of annual retweets	1 666
	No. of annual impressions	613 700
Blog & website	No. of annual visits blog	132 782
	No. of unique users per year blog	46 866
	No. of annual visits website (June to December)	1 537
	No. of page views on the website (June to December)	5 325
Events	No. of main events (conferences, workshops, events) organised by OPERAS or within the framework of one of its project	Total: 13 *OPERAS-P: 6 (1 Conference, 1 focus group, 3 workshops, 1 kick-off); TRIPLE : 4 (4 workshops) CO-OPERAS: 3 (3 workshops)*
	No. of registered participants to the OPERAS Conference	486

–6–
What's next?

Presentation of the strategy, future development and upcoming events for the next year.

1/Launch of OPERAS-GER

3-year project to build the German national node

On 1 October 2020, the OPERAS-GER project started its work within the Max Weber Stiftung (also member of the OPERAS Executive Assembly). OPERAS-GER serves as the national node of the European research infrastructure OPERAS in Germany. The project is initially planned for the duration of 3 years (10/2020 to 09/2023) and is funded by the German Federal Ministry of Education and Research (BMBF).

The development of national nodes is an important step for OPERAS and the German national node will serve as a role model.

2/Launch of COESO

3-year project to develop the Research for Society Service and to elaborate Citizen Sciences in SSH

The COESO project (Collaborative Engagement on Societal Issues) kicked-off on 19/20 January 2021. The 3-year participatory research project, funded by the European Commission with a € 2 193 418,75 grant through a Science with and for Society grant, and supported by the OPERAS research infrastructure, will serve as a meeting point between various European communities: the social sciences and humanities community, the citizen science community, as well as the open scholarly communication community. It will thus contribute to overcoming the obstacles that hinder the development of citizen science in the social sciences and humanities and facilitate and support participatory research through a service-first approach.

The project will develop a Virtual Ecosystem for Research Activation (VERA), a collaborative place for knowledge production and sharing, and will collaborate with research funding organizations to enhance financial support to citizen science.

15 COESO PROJECT PARTNERS:

Bulle media
CADMIUM compagnie
Cafébabel
Centre national des la recherche scientifique (CNRS)
Centro em Rede de Investigação em Antropologia (CRIA)
Crime & Tech (C&T)
École des hautes études en sciences sociales (EHESS)
Fondation nationale des sciences politiques (Sciences Po)
Ibercivis
Investigative Reporting Project Italy (IRPI)
Max Weber Stiftung – Deutsche Geisteswissenschaftliche Institute im Ausland (MWS)
Net7
Réseau français des instituts d'études avancées (RFIEA)
Université Polytechnique Hauts-de-France (UPHF)
Zero – Associação Sistema Terrestre Sustentável

Appendix

OPERAS in numbers
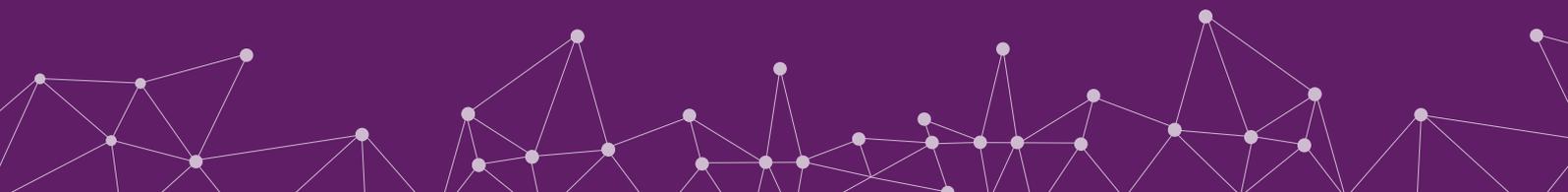
Appendix 1:
FINANCIAL REPORT

/Methodology

Although OPERAS has been operating for several years as a research infrastructure supported by national organisations, 2020 was the first year of its structuring as an independent legal (and thus, financial) entity, as an AISBL under Belgian law. Therefore, the financial analysis covers two entities:

OPERAS RI, the Research Infrastructure at large funded by: members' in-kind (FTEs to support the infrastructure's activities and take part in its life) and in-cash from four European projects,

OPERAS AISBL, as a separate legal entity with its own budget based mainly on: in-cash membership fees and in-cash revenues from an exceptional business activity.

It is important to note that the figures presented in this report have not been audited yet, since the first audit of the OPERAS AISBL will be held in the second semester of 2021.

/Overview of the budget 2020

2020 is a transition year, with a budget dedicated to investment costs still particularly high, while the AISBL's budget (dedicated to operational activities) is in its first year of structuring. 2020 income is therefore mostly composed of in-cash from European Projects (investment to develop the RI at large), while the OPERAS AISBL's own budget is particularly low compared to the RI's budget since the bulk of the first membership fees will not be collected until 2021.

	In-kind	In-cash	Total
OPERAS AISBL		25 142,80 €	**25 142,80 €**
OPERAS RI	205 776,00 €	2 486 420,56 €	**2 692 196,56 €**
Total	**205 776,00 €**	**2 511 563,36 €**	**2 717 339,36 €**

Fig. 1: Overview of the financial structure of OPERAS in 2020

FOCUS ON | THE OPERAS AISBL

In 2020, the income of the AISBL is composed of: 1) advance on the 2021 membership fees, 2) income related to an exceptional business activity (the Diamond S project), and 3) other advances.

Balance 2019	0,00 €
Income, including:	**25 142,80 €**
Advance on membership fees (1 supporting member)	10 000,00 €
Exceptional business activity (Diamond S project's first installment)	15 000,00 €
Other advances	142,80 €
Expenses, including:	**10 880,52 €**
Project funding - Diamond S project (transfer to the consortium, staff hiring)	9 500,00 €
Digital tools	789,82 €
Bank charges	470,70 €
Membership fees	120,00 €
Balance 2020	**14 262,28 €**

Fig. 2: Balance 2020 of the OPERAS AISBL

FOCUS ON | THE OPERAS RI

In 2020, OPERAS RI consists of 53 members that contribute mainly to the budget of the infrastructure through in-kind contributions (FTEs from members to take part in the infrastructure's activities and assemblies). As per our estimation, the total in-kind contributions from our members in 2020 included **205 776.00 euros** (personnel costs)**.** This amount is an estimation, based on the European gross average salary (fixed at 2,143.50 euros per month in 2018), here to give a better clarification of OPERAS' operations.

In addition to this in-kind, the development and operational activities of OPERAS RI are supported by four European Projects (OPERAS-P, TRIPLE, CO-OPERAS, OPERAS-GER) for a total amount of **2 286,420.56 euros** (breakdown for the year 2020).

Revenues	Breakdown 2020
In-kind	**205 776,00 €**
European projects, including:	**2 486 420,56 €**
OPERAS-P project (2019–2021)	1 004 516,85 €
TRIPLE project (2019–2022)	1 407 513,75 €
CO-OPERAS project (2019–2021)	45 050,00 €
OPERAS-GER (2020–2023)	29 339,96 €
Income 2020	**2 692 196,56 €**

Fig. 3: Revenue of OPERAS RI in 2020

The largest component of the European Projects is by far dedicated to personnel costs (1,658,898.82 €) which represent about 70 % of the total costs categories (fig. 4 and 5):

Costs categories of the European Projects	Breakdown 2020
Personnel costs	1 658 898,82 €
Consumables, travel, equipment costs	262 341,99 €
Subcontracting costs	103 312,50 €
Other costs (including: indirect costs)	461 867,25 €
TOTAL	**2 486 420,56 €**

Fig 4: Cost categories of the European Projects in 2020

18,6% Other costs
4,2% Subcontracting
10,6% Equipment, travel
66,7% Personnel

Fig 5: Cost categories of the European Projects in 2020
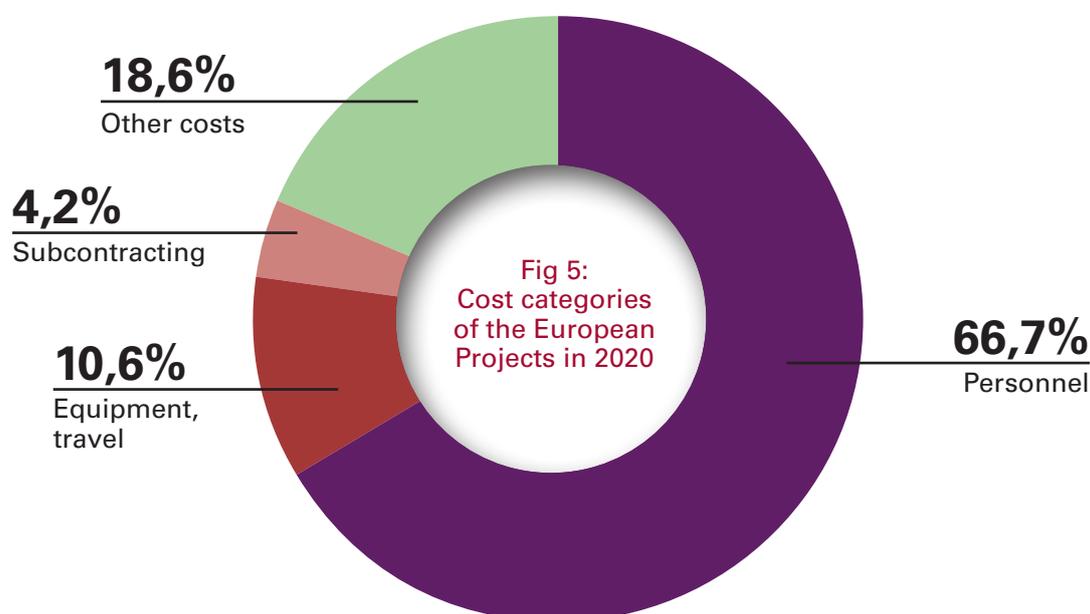
Appendix 2:
PUBLICATIONS OF THE OPERAS COMMUNITY
(without Deliverables)

- Bertino, Andrea & Erzsébet Tóth-Czifra (2020). CO-OPERAS-SSHOC – Research data in the SSH [workshop report]. Presented in Goettingen Germany, 30 January 2020. Zenodo. (https://doi.org/10.5281/zeno-do.3999331)

- Blotière, Emilie, Suzanne Dumouchel, Laure Barbot, Gert Breitfuss, Yin Chen, Di Donato, Francesca, Paula Forbes, Clara Petitfils & Stefanie Pohle (2020). The TRIPLE project: Building a discovery platform to enhance collaboration (version final). Zenodo. (https://doi.org/10.5281/zenodo.3925735)

- Borges, Maria Manuel (2020). CO-OPERAS – SSH FAIR data [workshop report]. Presented in Coimbra, Portugal on 6 December 2020. Zenodo. (https://doi.org/10.5281/zenodo.3999358)

- Dumouchel, Suzanne, Francesca Di Donato, Monica Monachini, Yoann Moranville, Stefanie Pohle & Maria Eskevich (2020). Social sciences and humanities pathway towards the European open science cloud (version final). Zenodo. (https://doi.org/10.5281/zenodo.3898443)

- Ernst, Elisabeth, Marlen Töpfer, Niels Cadée, Danielle Carter, Aysa Ekanger, Igor Goncharenko, Samir Hachani, Robert Isaksen, Judith Körte, Margreet Nieborg, Judith Schossboeck & Joke Verwaard (2020). How to fill the Information Gap: Open access for the social sciences and humanities (workshop report). Presented in Munin, France on 17 November 2020. Zenodo. (https://doi.org/10.5281/zenodo.4293341)

- Ferwerda, Eelco (2020). Best practices in open access publishing. Zenodo. (https://doi.org/10.5281/zeno-do.3624996)

- Giglia, Elena (2020). CO-OPERAS- SSH FAIR data (workshop report). Presented in Brussels, Belgium on 3 March 2019. Zenodo. (https://doi.org/10.5281/zenodo.3999360)

- Giglia, Elena, Erzsébet Tóth-Czifra & Peter Kraker (2020). CO-OPERAS – FAIR SSH (workshop report). Presented in Porto, Portugal 17 September 2019. Zenodo. (https://doi.org/10.5281/zenodo.3999345)

- Giglia, Elena & Timea Biro (2020). Humanities and data: Towards a community driven path towards openness. Zenodo. (https://doi.org/10.5281/zenodo.3755505)

- Elena Giglia (2020). Humanities and data: Listening to the communities on the path towards FAIRness. Presented at the Open Science Conference 2020 in Berlin, Germany on 11–12 March 2020. Zenodo. (http://doi.org/10.5281/zenodo.3776849)

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